Carleton UNIVERSITY
Canada's Capital University

Office of the Vice-Provost and Associate Vice-President (Academic)

memorandum

DATE: April 17, 2020

TO: Senate

FROM: Dr. Dwight Deugo, Vice-Provost and Associate Vice-President (Academic), and Chair, Senate Quality Assurance and Planning Committee

RE: Economic Policy master's-level graduate diplomas (Type 2 & 3)
New Program Approval

SAPC Motion

THAT SQAPC recommends to SENATE the approval of the proposed Graduate Diplomas in Economic Policy to commence Winter 2021.

Senate Motion

THAT Senate approve the master's-level graduate diplomas in Economic Policy to commence with effect from Winter 2021.

Background

The program is a graduate diploma in Economic Policy in the Department of Economics. The principal goal is to expose anyone with an undergraduate degree and at least some formal training in undergraduate economics to a wide range of issues related to the formulation of economic policy. It will target non-economists working on economic policy in government, central banks and other organizations as well as people who already have an undergraduate degree in Economics wishing to take courses that are at the forefront of current economic policy debates.

Attachments

Self-Study with Appendices
Courseleaf entries
Faculty CVs (volume II)

Quality Assurance Framework and Carleton's Institutional Quality Assurance Process (IQAP)

Upon the above motion being passed by Senate, the required documentation will be submitted to the Quality Council for its review and a decision on whether the master's-level graduate diplomas (Type 2 & 3) in Economic Policy will be authorized to commence.

Carleton UNIVERSITY
Canada's Capital University

Office of the Vice-Provost and
Associate Vice-President (Academic)

Institutional Quality Assurance Process

New Program Approval: Graduate Diploma in Economic Policy

Volume I

January 31, 2020

Approvals Table

This table will record that the brief has been approved by: 1) the team chair on behalf of the team; 2) the head of the academic unit or chair of the program committee (in the case of interdisciplinary programs not administered exclusively by one academic unit) on behalf of the unit or program committee; 3) the Faculty Dean(s).

Review Team Chair: Hashmat Khan	**Date** December 13, 2019
Chair/Director: Hashmat Khan	**Date** December 13, 2019
Dean(s): André Plourde, Dean Faculty of Public Affairs Patrice Smith, Dean, Faculty of Graduate Studies and Postdoctoral Affairs	**Date** December 13, 2019

Table of Contents

A. THE PROGRAM 4

A.1 Program overview 4

A.2 Mission and strategic directions 5

A.3 Contributions to/from other academic programs at Carleton 8

B. PROGRAM LEARNING OUTCOMES AND ASSESSMENT 9

B.1. Program learning outcomes and degree level expectations 9

B.2. Program structure and curriculum map 9

B.3 Program learning outcomes assessment plan 11

B.4 Program essential requirements 12

B.5 Paul Menton Centre 13

C. GOVERNANCE 13

D. THE FACULTY 13

D.1 Faculty appointed to the unit or program 13

D.2 Faculty research funding 16

D.3. Teaching assignments as of July 1, 2019 17

D.4 Contribution of faculty from other Carleton units and programs 29

D.5 Contract instructors 29

E. PROGRAM ADMISSION AND ENROLMENT 30

E.1 Admissions requirements 30

E.2 Class sizes and course and program capacity 30

E.3 Projected enrolment 30

F. STUDENT EXPERIENCE AND SATISFACTION 31

F.1 Student orientation, advising, and mentoring 31

F.2 Career paths of graduates 31

G. RESOURCES 32

G.1 Support and technical staff 32

G.2 Space 33

G.3. Library Resources 33

H. DEVELOPMENT OF THE SELF-STUDY 34

APPENDIX 1: PROGRAM REQUIREMENTS (PROPOSED CALENDAR COPY) 35

APPENDIX 2: COURSE DESCRIPTIONS (PROPOSED CALENDAR COPY) 36

APPENDIX 3: ADMISSION REQUIREMENTS (PROPOSED CALENDAR COPY) 37

APPENDIX 4: LIBRARY REPORT 38

APPENDIX 5: STATEMENT OF SUPPORT FROM OTHER UNITS 39

A. The Program

A.1 Program overview

The Department of Economics at Carleton University proposes to establish a Graduate Diploma in Economic Policy. The principal goal is to expose anyone with an undergraduate degree and at least some formal training in undergraduate economics to a wide range of issues related to the formulation of economic policy. It will target non-economists working on economic policy in government, central banks and other organizations as well as people who already have an undergraduate degree in Economics wishing to take courses that are at the forefront of current economic policy debates. The proposed Type 2 Graduate Diploma in Economic Policy will allow students enrolled in another graduate program to earn a Graduate Diploma in Economic Policy along with their own degree. The proposed Type 3 (direct entry) Graduate Diploma will lead to a stand-alone credential in Economic Policy for professional or academic purposes.

The proposed Graduate Diploma in Economic Policy is a 2.0 credit program. There is one mandatory 0.5 credit course (new):

- ECON 5060 - Economic Analysis of Public Policy

The remaining 1.5 credits would be chosen from the five 0.5 credit courses in the broad topic area of Economic Policy that would be more accessible and policy-oriented than those traditionally offered by the Department of Economics. The first three of these five courses have been offered regularly in recent years as special topics courses:

- ECON 5061 – Central Banking: Theory, Practice, and Recent Challenges
- ECON 5062 – Fiscal Policy in Canada: Practice and Challenges
- ECON 5063 – Innovation Policy and Economic Growth
- ECON 5064 – Economic Policy Formulation and Evaluation
- ECON 5065 – Selected Topics in Economic Policy

Students could take up to 1.0 credits of other elective courses related to economic policy offered outside the Department of Economics, with approval of the MA Supervisor.

This is intended to be a part-time program, with the expectation that most students will enroll in winter and complete the Graduate Diploma by the end of summer. It is also possible for students to enter the program in any term since the core ECON 5060 is not a prerequisite for the elective courses. We will ensure that electives are offered in each term in order to accommodate students who wish to enroll in a term other than the winter, or for those who wish to complete the Diploma over three terms, rather than the typical two.

In addition to being available as a stand-alone program ("Type 3"), the Graduate Diploma in Economic Policy would be open to students from any masters or doctoral program at Carleton University ("Type 2"). Current students can apply to take the Graduate Diploma in Economic Policy concurrently with their home degree, provided that the two program supervisors agree that the shared 1.0 credit of overlap in electives meet the learning outcomes of both programs.

Economic Policy courses would be open to students admissible to graduate studies at Carleton who have at least some formal training in undergraduate economics, including students from other graduate programs such as those offered by SPPA, NPSIA, Political Science, Business, Political Management, among other programs.

Type 3 students who maintain an average of B+ or higher during their studies would be given strong consideration for admission to the Carleton University Master's (M.A.) program in Economics. Students may count up to 2.0 credits towards the M.A. program in Economics.

Current International, Provincial, and/or Provincial Profile

As far as could be determined, the proposed program would be nationally unique in relation to the discipline of economics. While Master's programs in Economic Policy exist (for example at the University of Toronto, McMaster University, and the University of Regina), this is to the best of our knowledge the only graduate diploma of its kind offered in Canada. In particular, we could find no direct comparable program offered by any of a number of well-known economics departments at universities in Ontario, the rest of Canada, or other countries. The proposed diploma is different from Master's programs either in Economics or in Economic Policy because it does not require the student to complete advanced theory courses in Microeconomics, Macroeconomics, and Econometrics, focusing instead on real-world practical challenges related to economic policy development.

Carleton University is a natural home for this kind of Graduate Diploma in Economic Policy given our location in the national capital, strong history of providing public policy graduate programs and our strong connections with the federal government. The Department of Economics at Carleton University has strong connections with various federal government departments. Our Centre for Monetary and Financial economics has been active in building on those linkages and has a number of retired senior government economists affiliated with it.

A.2 Mission and strategic directions

The proposed Graduate Diploma in Economic Policy is well-aligned with Carleton University's mission and strategic directions. In the Carleton University Strategic Mandate Agreement, as agreed upon by the Ministry of Training, Colleges and Universities confirmed Carleton's institutional strengths in "Public Policy, Administration, and Governance" and "Business, Entrepreneurship, and Innovation." The introduction of the diploma program is aligned with the proposed areas for growth as described in the Strategic Mandate Agreement (SMA), which includes "Business, Entrepreneurship, and Governance". The program would also further the realization of Carleton's

Strategic Integrated Plan, influencing aspects of Programs and Enrolment (Theme 1), Research (Theme 2), and Students (Theme 3).
Carleton University Mission Statement:

Carleton University is an independent, collegial university dedicated to the advancement of learning through disciplinary and interdisciplinary teaching, study and research, the creation and dissemination of knowledge, and the betterment of its community. It is centered in Ottawa and serves the people of Ontario, Canada, and the world.

The Department of Economics at Carleton University is a collegial academic unit dedicated to the advancement of learning through teaching and research, the creation and dissemination of knowledge in the diverse fields within economics, and the betterment of the broader Ottawa-area community through various links (e.g., research collaborations with economists in government departments and agencies). The Carleton Graduate Economics Society holds several events each year that bring people into the University from the outside community. These include talks by non-Carleton economists sponsored by the Institute for Liberal Studies, and an annual "Economics Careers Evening" during which recent Carleton Economics graduates make short presentations on who they are, how they became interested in the study of economics, how they found their first and, in some cases, subsequent jobs, and give advice for soon-to-be graduating students. The proposed diploma is designed principally for postgraduates working on economic policy in government, central banks and other public organizations in Ottawa. The proposed Graduate Diploma in Economic Policy will expose students to current knowledge on issues that are pertinent to the formulation and implementation of economic policy.

Theme 1: *Carleton University will be known nationally and internationally for its research and teaching in programs which respond to the needs of society today and which anticipate the needs of the future.*

The Department of Economics at Carleton University has a long-standing tradition of research strength. The Department is currently ranked 8th among academic Economics departments in Canada.[1] Given the Department's success at attracting new faculty from top Canadian and U.S. graduate schools and the ability of its faculty to publish in the world's leading-field and top-30, refereed, scholarly journals,[2] Carleton University Department of Economics is known nationally and internationally for our research and teaching. The Department of Economics is well positioned to serve the needs for continuous learning for professionals and public servants who seek to strengthen or broaden their knowledge in Economic Policy.

Goal 1-1: *To develop new programs and initiatives that build on academic strengths and respond to societal needs.*

---

[1] RePEc's "Top 25% Institutions and Economists in Canada, as of April 2017" (see "Within Country and State Rankings at IDEAS: Canada") ranked Carleton 8th among university-based Economics department (after excluding Business schools).

[2] See the faculty CVs of Volume II of the present IQAP and note in particular the high proportion of faculty with Ph.D.'s from very highly ranked institutions.

The proposed Graduate Diploma in Economic Policy would be a new program that would build on our academic strength and respond to societal needs. Given a large number of public policy areas that have economic aspects, a societal need exists for public sector employees who fully understand the economic implications of different public policy options. In addition, as private sector firms increasingly interact with government departments through government regulation, taxation, and incentive schemes, there is also a pressing need for firms to have employees who can fully understand the implications for their firms' operations of government policies and programs. We fully expect that graduates from the proposed new Diploma in Economic Policy to have improved career prospects within public-sector agencies in general and finance ministries and central banks in particular given the strong applied economic content of the courses and Carleton's geographic location in the national capital.

Goal 1-2: *To ensure the sustainability of Carleton University through a long-term enrolment model and effective and efficient management of resources.*

The Graduate Diploma in Economic Policy would be of interest as an additional credential to students in various master's programs at Carleton, including those in Economics, SPPA, NPSIA, Political Science, Political Management, and Business by offering Economics courses on topics that are at the forefront of current economic policy debates, such as cryptocurrency and central bank policy, climate change risks and financial stability, labour markets transitions and artificial intelligence-robotics, anti-trust policy and global technology giants (Amazon, Google, Facebook), and the role big data and machine learning for economic policy. It would also be of interest to students in the Post-Baccalaureate Diploma in Economics (PBDE) either in conjunction with their eventual pursuit of masters-level training at Carleton or instead of pursuing such training if they decide it would be too technical or not to their taste. Individuals outside Carleton, especially those without masters-level training in Economics who are working in government, will likely be interested in pursuing the diploma as well.

It is also worth noting that the Department of Economics has seen strong interest in many of the courses to be included under the proposed Diploma. For example, in the 2016 Summer session, three were offered: "Central Banking: Theory, Practice, and Recent Challenges," "Innovation Policy," and "Applied Public Policy" as Sections R, Z, and Y, respectively, of ECON 5880 – Special Topics in Economics. The student numbers were 16, 10 and 16, respectively.

Theme 2: *Carleton University will be known as a university that promotes research excellence and connectedness. It will be recognized as a leader in research that focuses both on tangible outcomes and the development of knowledge with longer-term impacts.*

Goal 2-1: *Enhance Carleton University as a highly reputable research-intensive comprehensive university.*

The Department of Economics has a long tradition of facilitating interdisciplinary research and teaching. For instance, the MA program offers a Data Science Specialization, Specialization in African Studies, and an MA-MBA in Financial Economics. The Graduate Diploma in Economic Policy will strengthen this by providing courses available to all students at Carleton University who are

interested in integrating new skills in Economic Policy into their graduate program of study. These courses will be guided by faculty that are currently involved in crucial research projects aimed at addressing challenges in the formulation and implementation of Economic Policy.

Theme 3: *Carleton University will be nationally and internationally known for being student centred, linking its academic endeavours and student supports to empower students as productive and engaged citizens in an increasingly diverse world.*

Goal 3-1: *To ensure the employability and future success of our students through experiential learning, engagement, innovative teaching, and holistic support services.*

Experiential learning is a key part of the Graduate Diploma in Economic Policy through the implementation of applied research projects in the core course (Economic Analysis of Public Policy) to connect theory to practice and help students to develop a new set of transferable skills related to the field of Economic Policy.

Goal 3-2: *To have an internationalization strategy that provides our students with a variety of opportunities to be knowledgeable, active citizens in a global community.*

Economics as a discipline is by its very nature global in perspective, relevance, and application. Students in the Graduate Diploma in Economic Policy will gain an understanding and appreciation of the functioning and limitations of markets within a broad, institutional and political context—ranging from the micro to the macro, the local to the global.

A.3 Contributions to/from other academic programs at Carleton

a. **Contributions to other programs at Carleton**

The Graduate Diploma in Economic Policy will contribute to the M.A. Economics program by providing more policy-intensive elective offerings for students in topics that are at the forefront of the current debate in Economic Policy. The availability of a Type 2 Graduate Diploma could make other Carleton graduate programs more attractive to students with interests in Economic Policy. The Graduate Diploma in Economic Policy would be of interest as an additional credential to students in various master's programs at Carleton, including those in SPPA, NPSIA, Business, EURUS, Political Science, and Political Management by offering a diversification option. It would also be of interest to students in the Post-Baccalaureate Diploma in Economics (PBDE) either in conjunction with their eventual pursuit of masters-level training at Carleton or instead of pursuing such training if they decide it would be too technical or not to their taste.

b. **Contributions from other programs at Carleton**

At this stage, the Graduate Diploma in Economics is not a joint program thus there are no expected contributions from other academic programs at Carleton University since all of the courses that can count towards the 2.0 credits required for the Graduate Diploma in Economic Policy are to be offered by the Department of Economics. However, students could take up to 1 credit of electives in

other units, with the approval of the MA Supervisor, which could be counted towards the degree.

B. Program Learning Outcomes and Assessment

B.1. Program learning outcomes and degree level expectations

By the end of this program, Graduate Diploma (Types 2 and 3) students will be able to:

Learning Outcomes	Degree Level Expectations Met	Activities and Artifacts
LO1 Critically assess the current economic policy literature to identify gaps in current knowledge	Depth and breadth of knowledge; Awareness of the limits of knowledge.	Critical Literature Review Essay; In-Class discussions; Course Assignments
LO2 Analyze, evaluate, and apply economic theory for the implementation and formulation of Economic Policy	Depth and breadth of knowledge; Research and scholarship; Level of communication skills; Awareness of the limits of knowledge.	Course Assignments; Critical Literature Review Essay; In-Class discussions
LO3 Analyze and evaluate the strengths and weaknesses of economic policies and suggest alternatives.	Depth and breadth of knowledge; Application of knowledge; Professional capacity/autonomy; Communication skills; Awareness of the limits of knowledge.	Course Assignments; Research Papers; In-Class discussions
LO4 Communicate and discuss economic ideas and research both with Economists and policy analysts trained in fields other than Economics.	Communication skills; Autonomy and professional capacity research and scholarship; Experiential Learning.	In-Class discussions; Oral presentations; Simulations; Case analysis.

B.2. Program structure and curriculum map

B.2.1. Program structure

The proposed Graduate Diploma in Economic Policy, Type 2 (concurrent) and Type 3 (direct entry,) is a 2.0 credit program. There is one mandatory 0.5 credit course:

- ECON 5060 - Economic Analysis of Public Policy

The remaining 1.5 credits would be chosen from the five 0.5 credit courses in the broad topic area of Economic Policy:

- ECON 5061 – Central Banking: Theory, Practice, and Recent Challenges
- ECON 5062 – Fiscal Policy in Canada: Practice and Challenges
- ECON 5063 – Innovation Policy and Economic Growth
- ECON 5064 – Economic Policy Formulation and Evaluation
- ECON 5065 – Selected Topics in Economic Policy

Students can take other elective courses related to economic policy offered outside the Department of Economics, with approval of the MA Supervisor.

B.2.2. Curriculum map

Program Components		LO1	LO2	LO3	LO4
Required	ECON 5060 - Economic Analysis of Public Policy	x	x	x	x
Restricted Electives	ECON 5061 – Central Banking: Theory, Practice, and Recent Challenges	x	x	x	
	ECON 5062 – Fiscal Policy in Canada: Practice and Challenges	x	x	x	
	ECON 5063 – Innovation Policy and Economic Growth	x	x	x	
	ECON 5064 – Economic Policy Formulation and Evaluation	x	x	x	
	ECON 5065 – Selected Topics in Economic Policy	x	x	x	

Note: x denote courses that address the LOs.

Plans are that the Graduate Diploma will only be available on a part-time basis, with students able to take one or two courses per semester. Type 2 students will be able to take this program and complete while maintaining a full-time status in their home unit. The expectation is that most students will enroll in winter with the intention of completing the Diploma by the end of the summer.

Typical progression through the program – Type II and Type III Graduate Diploma

	Winter Term	**Summer**	**Fall term**
Type 2 Full Time	ECON 5060 GDip elective or approved elective	GDip elective or approved elective GDip elective or approved elective	GDip elective or approved elective (if required)
Type 3 Part-time	ECON 5060 GDip elective	GDip elective GDip elective	GDip elective (if required)

B.3 Program learning outcomes assessment plan

Who:
A Graduate Diploma in Economic Policy Sub-Committee of our Graduate Committee will be created and responsible for overseeing and coordinating the assessment of the learning outcomes. The Graduate Diploma in Economic Policy Sub-Committee will be comprised of three faculty members and chaired by our MA Program Supervisor.

How:
The Graduate Diploma in Economic Policy Sub-Committee will assess periodically the program learning outcomes using a survey of current students, assessment of ECON 5060: Economic Analysis of Public Policy (core course), and elective courses.

Student Survey. The student survey will be administered at the end of the winter term each year to current students nearing completion of their program requirements. This survey will ask students to rate the degree to which they have achieved each learning outcome, as well as ask them to identify the specific program activities (courses, assignments, etc.) that contributed to their achievement. Results will provide information about student achievement of the learning outcomes, as well as information about how specific courses and activities assist in that achievement.

Core Course Assessment. The Graduate Diploma in Economic Policy requires the completion of ECON 5060. We will assess the effectiveness of the course in serving as a core requirement for the program, which involves soliciting feedback from the instructor and students. This will be completed at the end of the winter term each year.

Elective Courses Assessment. We will assess the Graduate Diploma in Economic Policy electives offered at the Economics Department to determine their appropriateness in helping students achieve the program's learning objectives and to ensure that sufficient elective courses are available to students. This assessment involves soliciting feedback from the instructor and students at the end of the academic year.

Dissemination and use of findings:
The results of both lines of assessment will be compiled and analyzed by the members of the Graduate Diploma in Economic Policy Sub-Committee. A final report of the assessments and any recommendations will be distributed by e-mail to all faculty members and will be discussed at a Departmental Meeting once per year.

In future years, this plan may be expanded to include faculty reviews of course objectives and requirements, as well as surveys of recent graduates to track employment and further graduate studies. The development of these lines of assessment will be discussed by the members of the Graduate Diploma in Economic Policy Sub-Committee and at Departmental Meetings over the next few years.

B.4 Program essential requirements

PREAMBLE
Program essential requirements are defined by the Ontario Human Rights Commission as "the knowledge and skills that must be acquired or demonstrated in order for a student to successfully meet the learning objectives of that… program." The program essential requirements are components that contribute to the achievement of the learning outcomes of the program.
Excerpt from the Ontario Human Rights Commission report: The opportunity to succeed: Achieving barrier-free education for students with disabilities - Post-secondary education

Appropriate accommodations should not lead to lowered standards or outcomes: rather, appropriate accommodation will enable the student to successfully meet the essential requirements of the program, with no alteration in standards or outcomes, although the manner in which the student demonstrates mastery, knowledge, and skills may be altered.

The aim of accommodation in a post-secondary educational context is to provide equal opportunities to all students to enjoy the same level of benefits and privileges and meet the requirements for acquiring an education. Based on these principles, an accommodation will be considered appropriate where it will result in equal opportunity to attain the same level of performance or enjoy the same level of benefits and privileges experienced by others, or if it is proposed or adopted for the purpose of achieving equal opportunity and meets the individual's

disability-related needs. - See more at http://www.ohrc.on.ca/en/opportunity-succeed-achieving-barrier-free-education-students-disabilities

B.5 Paul Menton Centre

The Paul Menton Centre is responsible for assessing requests for academic accommodation of students with disabilities through evaluations that are carried out on an individual basis, in accordance with human rights legislation and University policy, and with the support of relevant, professional/medical documentation. Students will only receive academic accommodation if the functional limitations of their disability impact directly on their academic performance.

C. Governance

The MA Program Supervisor in the Department of Economics would manage the proposed Graduate Diploma in Economic Policy admission decision process with input from the two other members of the Graduate Diploma in Economic Policy Sub-Committee. The day to day operations of the program would be managed by the MA Program Supervisor with support and advice from the Graduate Administrator. Decisions regarding Graduate Diploma in Economic Policy program changes would be first considered by the Graduate Diploma in Economic Policy Sub-Committee. Changes to the program recommended by this committee would need to receive formal approval from the Department as a whole (through a formal vote) before being considered by the Faculty of Graduate Studies and Postdoctoral Affairs. If approved at that level, then a number of university committees consider the proposed changes with the final decision resting with the Carleton University Senate.

D. The Faculty

D.1 Faculty appointed to the unit or program

The Department of Economics currently has 25.5 core faculty members. Included in that number is Ana C. Dammert who is jointly appointed to the Department of Economics and the Norman Paterson School of International Affairs with 50 percent of her teaching in each of the two units. We also have two other cross-listed faculty members: Jose Galdo and Stan Winer who normally do not teach in the Department of Economics and do 100% of their teaching in the School of Public Policy and Administration. In addition, the Dean of our Faculty, André Plourde, is also a faculty member of our Department but does not normally teach and the Associate Dean (Research and International), Chris Worswick, is also a faculty member of our Department but he is teaching 0.5 credits this academic year (2019-2020).

Table D.1: Core program faculty as of July 1st 2019, Carleton University

Faculty Name	Rank (as of July 1, 2019)	M/F	Appointment Status	Percentage Appointment	Supervision Privileges*	Areas of Specialization/Field Affiliations
Brecher, Richard A.	Full Professor	M	tenured	100%	D	international trade, economic growth
Chen, Zhiqi	Full Professor	M	tenured	100%	D	industrial organization, international trade
Khalaf, Lynda A.	Full Professor	F	tenured	100%	D	econometrics, energy econometrics, financial econometrics
Khan, Hashmat U.	Full Professor	M	tenured	100%	D	macroeconomics, business cycles
Plourde, André R.	Full Professor and Dean of FPA	M	tenured, on secondment to ODFPA	100%—super-numerary	D	energy economics, resource economics
Winer, Stanley L.	Full Professor	M	tenured	0	D	public economics, public choice
Woolley, Frances R.	Full Professor	F	tenured	100%	D	public finance, labour economics
Worswick, Christopher J.	Full Professor and Associate Dean FPA	M	tenured	100%	D	labour economics, applied econometrics, development economics
Yu, Zhihao	Full Professor	M	tenured	100%	D	international trade, political economy
Armstrong, Keir G.	Associate Professor	M	tenured	100%	D	microeconomics, social and economic measurement, index-number theory
Chu, Ba M.	Associate Professor	M	tenured	100%	D	optimal asset allocation, risk management, dependence modelling, asymptotic theory
Coe, Patrick J.	Associate Professor	M	tenured	100%	D	macroeconomics, economic history
Dammert, Ana C.	Associate Professor	F	tenured	50%	D	development economics, labour economics, applied microeconomics
Dehejia, Vivek H.	Associate Professor	M	tenured	100%	D	international trade, international aspects of economic development, international macroeconomics
Demers, Fanny S.	Associate Professor	F	tenured	100%	D	macroeconomics, business cycles, investment theory, asset pricing
Demers, Michel	Associate Professor	M	tenured	100%	D	macroeconomics, investment theory and finance, economic development and growth

Galdo, Jose C.	Associate Professor	M	tenured	0	D	labour economics, micro-econometrics, applied econometrics, development economics
Gross, Till O.	Associate Professor	M	preliminary	100%	D	international macroeconomics, public economics, international trade
Gunn, Christopher M.	Associate Professor	M	tenured	100%	D	macroeconomics, credit and banking, technological change
Metaxoglou, Konstantinos	Associate Professor	M	tenured	100%	D	econometrics, applied industrial organization, empirical finance
Power, Simon	Associate Professor	M	tenured	100%	D	econometrics, history of economic thought, comparative economic systems
Razo-Garcia, Raúl	Associate Professor	M	tenured	100%	D	international macroeconomics, macroeconomics, monetary economics
Stephens, Eric L.G.	Associate Professor	M	tenured	100%	D	financial economics, public economics
Vadovič, Radovan	Associate Professor	M	tenured	100%	D	behavioural and experimental economics
Zhang, Jiankang	Associate Professor	M	tenured	100%	D	microeconomic theory, financial economics, decision theory
Beland, Louis-Philippe	Assistant Professor	M	preliminary	100%	CD	applied microeconomics, public, labour economics
Galizia, Dana	Assistant Professor	M	preliminary	100%	CD	macroeconomics, business cycles
Lee, Minjoon	Assistant Professor	M	preliminary	100%	CD	macroeconomics, household finance, computational economics
Papineau, Maya M.	Assistant Professor	F	preliminary	100%	CD	environmental and energy economics, applied econometrics
Webb, Matthew D.	Assistant Professor	M	preliminary	100%	CD	economics of education, labour economics, applied micro-econometrics

*D=full privileges; M=full privileges at master's level only; CD=co-supervision privileges at doctoral level, full privileges at master's level; CDM=co-supervision privileges only at both doctoral and master's level; CM=co-supervision privileges at master's level, no privileges at doctoral level

D.2 Faculty research funding

Research funding figures of the Department of Economics at **Carleton University** are presented in Table D2. Total research funding has trended downwards since 2008-2009 and this reflects a combination of the greater difficulty in gaining SSHRC large grants (with the restructuring of these grants) and the loss of several senior scholars from our department. We have primarily replaced these senior faculty members with tenure-track faculty members who have not yet developed a sufficient research profile to compete for larger grants. Internal research funding has also declined but this decline is not as pronounced as the decline in Tri-Agency funding. We expect these trends to reverse as our strong group of younger colleagues become more established and begin to compete for larger SSHRC Insight Grants. We have had good success in recent years in the SSHRC Insight Development Grant rounds which is a good sign for future success in terms of the larger SSHRC grants.

Table D.2: Department of Economics, Carleton University Research Funding

Year	Canadian	Internal	International (excluding US)	Tri-Agency (including CRC)	US Sources	Grand Total
2009	6,460.00	44,500.00		416,080.00		**467,040.00**
2010		19,734.48		395,884.00		**415,618.48**
2011		18,000.00	358,718.00	362,397.00		**739,115.00**
2012		17,460.00	341,458.00	306,850.00		**665,768.00**
2013	4,400.00	7,500.00	455,188.57	278,843.00		**745,931.57**
2014	19,800.00	30,500.00	390,499.00	405,466.00		**846,265.00**
2015	1,197,853.00	6,000.00	1,185,009.00	316,735.00	7,128.48	**2,712,725.48**
2016	48,639.00	27,750.00		322,238.00		**398,627.00**
2017	8,400.00	12,000.00		264,406.00		**284,806.00**
2018				275,846.60		**275,846.60**
Grand Total	**1,285,552.00**	**183,444.48**	**2,730,872.57**	**3,344,745.60**	**7,128.48**	**7,551,743.13**

D.3. Teaching assignments as of July 1, 2019

Faculty Name	Rank	Courses	Credit	2019/ 2020	2018/ 2019	2017/ 2018	2016/ 2017	2015/ 2016	Notes
Brecher, Richard A.	Full Professor	ECON2020A - Interm Microcon I: Prod&Marke	0.5	–	–	–	–	X	*formerly 2002
		ECON2020B - Interm Microcon I: Prod&Marke	0.5	X	X	X	–	–	
		ECON2030A - Interm MicreconII:Consum&Equil	0.5	–	–	–	–	X	*formerly 2003
		ECON2030B - Interm MicreconII:Consum&Equil	0.5	X	X	X	Not offered	–	*formerly 2003
		ECON4601A - Int'l Trade Theory & Policy	0.5	X	X	X	Not offered	X	
		ECON5601F - Int'l Trade: Theory & Policy	0.5	X	X	X	Not offered	X	
		Total Credit Weight:	**3.0**	**2.0**	**2.0**	**2.0**	**0.0**	**2.0**	
Chen, Zhiqi	Full Professor	ECON4020B - Advanced Microeconomic Theory	0.5	–	–	–	X	X	
		ECON4901A - Honours Sem: Microeconomics	0.5	Not offered	Not offered	Not offered	–	X	*As of 2017–2018 no longer offered
		ECON4905 – Honours Capstone Seminar	0.5	–	–	X	Not offered	Not offered	
		ECON5020F - Microeconomic Theory	0.5	–	–	X	X	X	
		ECON5020W - Microeconomic Theory	0.5	X	–	X	–	–	
		ECON5301 - Industrial Organization I	0.5	–	–	–	Not offered	X	
		ECON5304 – Topics in Industrial Organization	0.5	X	Not offered	X	X	Not offered	
		Total Credit Weight:	**3.5**	**1.0**	**0.0**	**2.0**	**1.5**	**2.0**	

Khalaf, Lynda A.	Full Professor	ECON5029W - Methods of Economic Research	0.5	–	–	X	X	X	*Khalaf & Voia
		ECON6027F - Econometrics II	0.5	–	–	X	X	X	
		Total Credit Weight:	**1.0**	**0.0**	**0.0**	**1.0**	**1.0**	**1.0**	
Khan, Hashmat U.	Full Professor	ECON4902A - Honours Sem: Macroeconomics	0.5	Not offered	Not offered	Not offered	X	X	*No longer offered as of 2017.
		ECON 4905B – Honours Capstone	0.5	–	–	X	Not offered	Not offered	
		ECON5021F - Macroeconomic Theory	0.5	–	–	X	X	X	
		ECON5021W - Macroeconomic Theory	0.5	–	–	X	X	X	
		ECON6021W - Economic Theory: Macroeconomics	0.5	–	–	–	–	X	
		ECON6904F - Directed Readings	0.5	–	–	–	X	–	
		ECON6904W - Directed Readings	0.5	–	–	–	X	–	
		ECON6907F - Thesis Workshop I	0.5	–	–	–	X	–	
		ECON6907W - Thesis Workshop I	0.5	–	–	–	X	–	
		ECON6908F - Thesis Workshop II	0.5	–	–	–	X	–	
		ECON6908W - Thesis Workshop II	0.5	–	–	–	X	–	
		Total Credit Weight:	**5.0**	**0.0**	**0.0**	**1.5**	**4.5**	**2.0**	
Plourde, André R.	Full Professor & Dean of FPA								Dean, Faculty of Public Affairs
		Total Credit Weight:	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	

Winer, Stanley L.	Full Professor	ECON5403 - Topics in the Theory of Public Economics	0.5	–	X	X	X	Not offered	CRC Professor in Public Policy
		Total Credit Weight:	**0.5**	**0.0**	**0.5**	**0.5**	**0.5**	**0.0**	
Woolley, Frances R.	Full Professor	ECON3920A - Honours Sem: Microeconomics	0.5	X	X	–	Not offered	Not offered	
		ECON3920A - Honours Sem: Microeconomics	0.5	–	X	Not offered	Not offered	Not offered	
		ECON4901A - Honours Sem: Microeconomics	0.5	*Not offered	*Not offered	*Not offered	X	–	*As of 2017–2018 no longer offered
		ECON4901B - Honours Sem: Microeconomics	0.5	*Not offered	*Not offered	*Not offered	–	X	*As of 2017–2018 no longer offered
		ECON4905A – Honours Capstone	0.5	X	–	–	*Not offered	*Not offered	*New as of 2017-2018
		ECON4905B – Honours Capstone	0.5	–	X	–	*Not offered	*Not offered	*New as of 2017-2018
		ECON4990A – Research and Writing in Econ	0.5	–	X	–	–	–	
		Total Credit Weight:	**3.5**	**0.5**	**2.0**	**0.0**	**0.5**	**0.5**	
Worswick, Christopher	Full Professor	ECON3920A – Prof. Practice in Economics	0.5	–	–	X	*Not offered	*Not offered	*New as of 2017-2018
		ECON4360A - Labour Economics	0.5	*Not offered	*Not offered	*Not offered	*Not offered	X	*As of 2016–2017 no longer offered.
		ECON4903A - Tutorial in Economics	0.5	–	Not offered	Not offered	–	X	
		ECON4903B - Tutorial in Economics	0.5	–	Not offered	Not offered	–	X	
		ECON4904A - Tutorial in Economics	0.5	–	Not offered	Not offered	–	X	
		ECON4904B - Tutorial in Economics	0.5	–	Not offered	Not offered	–	X	
		ECON5362F - Labour Economics II	0.5	–	X	X	X	X	*Worswick & Webb
		IPAF4900C - Research Experience Course	0.5	–	No Enroll.	No Enroll.	–	–	Chair, Spring 2016 to Spring 2018
		Total Credit Weight:	**3.5**	**0.0**	**0.5**	**1.0**	**0.5**	**3.0**	

Yu, Zhihao	Full Professor	ECON2009A - Managerial Economics	0.5	–	–	X	–	–	
		ECON2009B - Managerial Economics	0.5	–	–	–	–	X	
		ECON2009H - Managerial Economics	0.5	–	–	–	X	–	
		ECON3601A - Introduction to Int'l Trade	0.5	X	X	X	X	X	
		ECON3601B - Introduction to Int'l Trade	0.5	X	–	X	–	X	
		ECON4020A - Advanced Microeconomic Theory	0.5	–	X	–	X	–	
		ECON4905B – Honours Capstone	0.5	X	–	–	*Not offered	*Not offered	*New as of 2017-2018
		ECON4905C – Honours Capstone	0.5	–	X	–	*Not offered	*Not offered	*New as of 2017-2018
		ECON5603W - Topics in Int'l Economics	0.5	X	X	X	X	X	
		Total Credit Weight:	**4.5**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	
Armstrong, Keir G.	Associate Professor	FYSM1003A – Intro to Economics	1.0	X	X	X	*Not offered	*Not offered	*New as of 2017-2018
		ECON4020A - Advanced Microeconomic Theory	0.5	X	–	X	–	X	
		ECON4020B - Advanced Microeconomic Theory	0.5	X	X	X	–	–	
		Total Credit Weight:	**2.0**	**2.0**	**1.5**	**2.0**	**0.0**	**0.5**	
Chu, Ba M.	Associate Professor	*ECON2202A - Stat Methods in Econ & Busi II	0.5	–	–	X	–	–	*renamed 2220
		*ECON2202B - Stat Methods in Econ & Busi II	0.5	X	X	–	X	–	
		*ECON2202C - Stat Methods in Econ & Busi II	0.5	Not offered	Not offered	Not offered	Not offered	X	*renamed 2220
		*ECON2202E - Stat Methods in Econ & Busi II	0.5	X	X	X	X	X	*renamed 2220
		*ECON3706A - Applied	0.5	*Not	*Not	X	X	X	*No longer offered

		Econometrics		offered	offered				
		ECON4002A – Stat. Analysis for Economics	0.5	X	X	–	–	–	
		ECON5713 - Time-Series Econometrics	0.5	X	X	X	X	X	
		Total Credit Weight:	**3.5**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	
Coe, Patrick	Associate Professor	ECON1000B - Introduction to Economics	1.0	*Not offered	*Not offered	–	X	–	*1000 split into 1001 & 1002 in fall 2018
		ECON1001A - Intro to Microeconomics	0.5	X	X	*Not offered	*Not offered	*Not offered	*Pre Fall 2018 1001 was part of 1000
		ECON1002A - Intro to Macroeconomics	0.5	X	X	*Not offered	*Not offered	*Not offered	*Pre Fall 2018 1001 was part of 1000
		ECON2103C - Intermediate Macroeconomics II	0.5	Not offered	Not offered	Not offered	X	–	
		ECON2103E - Intermediate Macroeconomics II	0.5	–	–	–	X	–	
		ECON3220A - Canadian Economic History	0.5	Not offered	Not offered	X	X	X	
		ECON4230 – Economic History	0.5	Not offered	Not offered	X	X	X	
		ECON5230F - Economic History	0.5	Not offered	Not offered	X	–	–	
		ECON6904F – Directed Readings	0.5	X	No enroll.	–	–	X	
		ECON6904W – Directed Readings	0.5	X	No enroll.	–	–	X	
		ECON6907F – Thesis Workshop I	0.5	X	X	–	–	X	
		ECON6907W – Thesis Workshop I	0.5	X	X	–	–	X	
		ECON6908F – Thesis Workshop II	0.5	X	X	–	–	X	
		ECON6908F – Thesis Workshop II	0.5	X	X	–	–	X	
		Total Credit Weight:	**7.5**	**4.0**	**3.0**	**1.5**	**3.0**	**4.0**	

Dammert, Ana C.	Associate Professor	ECON3508A - Intro to Economic Development	0.5	–	X	–	X	–	
		ECON4507A - The Economics of Development	0.5	–	–	–	X	Not offered	
		ECON5505W – Econ. Development: Int'l Aspects	0.5	X	–	–	–	–	
		ECON5902F – Internship	0.5	X	X	X	–	–	
		ECON5902W – Internship	0.5	X	X	X	–	–	
		ECON5902S - Internship	0.5	X	X	X	–	–	
		Total Credit Weight:	**3.0**	**2.0**	**2.0**	**1.5**	**1.0**	**0.0**	
Dehejia, Vivek H.	Associate Professor	ECON1000B – Intro to Economics	1.0	*Not offered	*Not offered	X	–	–	*Replaced with ECON 1001 & 1002 as of 2018-2019
		ECON1000D – Intro to Economics	0.5	*Not offered	*Not offered	X	–	–	*Taught 0.5 of course. Ayoo taught first ½
		ECON3509W – Dev. Planning & Project Eval.	0.5	Not offered	X	–	–	–	
		ECON3607W – Monetary & Financial Instit.	0.5	Not offered	X	–	–	–	
		ECON4508A - Int'l Aspects of Econ Develop	0.5	–	X	Not offered	X	X	
		ECON5505F - Econ Develop: Int'l Aspects	0.5	–	X	X	X	X	
		Total Credit Weight:	**3.5**	**0.0**	**2.0**	**2.0**	**1.0**	**1.0**	
Demers, Fanny S.	Associate Professor	ECON2102C - Intermediate Macroeconomics I	0.5	Not offered	Not offered	Not offered	X	X	
		ECON2102G - Intermediate Macroeconomics I	0.5	X	–	–	–	–	
		ECON2102G - Intermediate Macroeconomics I	0.5	Not offered	Not offered	X	Not offered	Not offered	
		ECON3050A - Intro to Financial Economics	0.5	X	X	X	X	X	
		ECON3900A – Research Methods	0.5	X	–	X	*Not offered	*Not offered	*New as of 2017-2018
		ECON3900C – Research	0.5	–	X	–	*Not	*Not	*New as of 2017-

		Methods					offered	offered	2018
		ECON4902B - Honours Sem: Macroeconomics	0.5	*Not offered	*Not offered	*Not offered	X	X	*No longer offered as of 2017
		ECON5051F – Asset Pricing	0.5	–	X	–	–	–	
		ECON5052W - Financial Markets & Instrument	0.5	X	X	X	X	X	
		Total Credit Weight:	**4.5**	**2.0**	**2.0**	**2.5**	**2.0**	**2.0**	
Demers, Michel	Associate Professor	ECON3900B – Research Methods	0.5	X	–	–	*Not offered	*Not offered	*New as of 2017-2018
		ECON3900C – Research Methods	0.5	–	–	X	*Not offered	*Not offered	*New as of 2017-2018
		ECON4001A – Mathematical Analysis in Econ	0.5	X	–	X	X	X	
		ECON4051A – Asset Pricing	0.5	X	–	–	–	–	
		ECON4890A - Applied Honours Seminar	0.5	*Not offered	*Not offered	*Not offered	X	X	*No longer offered as of 2017
		ECON5051F - Asset Pricing	0.5	X	–	X	X	X	
		ECON5058W - Adv. Topics in Financial Econ	0.5	Not offered	Not offered	Not offered	X	X	
		Total Credit Weight:	**3.5**	**2.0**	**0.0**	**1.5**	**2.0**	**2.0**	
Gross, Till O.	Associate Professor	*ECON2020A - Interm Microcon I:Prod&Market	0.5	–	–	–	X	–	*formerly 2002
		*ECON2020B - Interm Microcon I:Prod&Market	0.5	–	–	X	–	–	
		*ECON2020G - Interm Microcon I:Prod&Market	0.5	–	–	X	–	–	
		*ECON2030A - Interm MicroconII:Consum&Equil	0.5	–	X	–	X	–	*formerly 2003
		*ECON2030E - Interm MicroconII:Consum&Equil	0.5	–	–	X	X	X	*formerly 2003
		ECON5020F – Microeconomics	0.5	–	X	–	–	–	
		ECON5020W – Microeconomics	0.5	–	X	–	–	–	

		ECON5402W - Public Economics: Taxation	0.5	–	X	X	X	X	
		Total Credit Weight:	**2.0**	**0.0**	**2.0**	**2.0**	**2.0**	**1.0**	
Gunn, Christopher M.	Associate Professor	ECON2102A - Intermediate Macroeconomics I	0.5	–	–	–	X	X	
		ECON2103A - Intermediate Macroeconomics II	0.5	–	–	–	X	–	
		ECON4021A - Advanced Macroeconomic Theory	0.5	–	X	X	X	X	
		ECON4021B - Advanced Macroeconomic Theory	0.5	–	–	–	–	X	
		ECON4900A – Honors Seminar	0.5	No enroll.	No enroll.	No enroll.	X	–	
		ECON4900C – Honors Seminar	0.5	No enroll.	No enroll.	No enroll.	X	–	
		ECON4903 – Tutorial in Economics	0.5	No enroll.	No enroll.	No enroll.	No enroll.	No enroll.	
		ECON4903 – Tutorial in Economics	0.5	No enroll.	No enroll.	No enroll.	No enroll.	No enroll.	
		ECON5606W - Micro Aspects of Monetary Theory	0.5	X	X	X	X	X	
		Total Credit Weight:	**4.5**	**0.5**	**1.0**	**1.0**	**3.0**	**2.0**	
Metaxoglou, Konstantinos	Associate Professor	ECON2009B - Managerial Economics	0.5	–	X	–	–	–	
		ECON2009G - Managerial Economics	0.5	–	–	X	X	X	
		ECON4301A - Market Structure & Firm Behavior	0.5	Not offered	X	X	X	X	
		ECON4706A - Econometrics I	0.5	–	–	–	–	X	
		ECON4706B - Econometrics I	0.5	–	X	X	X	X	
		ECON5301~~F~~ W- Industrial Organization I	0.5	–	X	X	X	–	

		Total Credit Weight:	**3.0**	**0.0**	**2.0**	**2.0**	**2.0**	**2.0**	
Power, Simon	Associate Professor	ECON2220A – Introductory Econometrics	0.5	–	X	–	–	–	
		ECON2220B – Introductory Econometrics	0.5	–	–	X	–	–	
		ECON3999 – Co-op Work Term	0.5	*Not offered	*Not offered	*Not offered	X	–	*No longer offered as of 2017-2018
		ECON4004A – Operations Research	0.5	Not offered	X	X	Not offered	Not offered	
		ECON4706A - Econometrics I	0.5	–	X	X	X	–	
		ECON4706B - Econometrics I	0.5	X	–	–	–	–	
		ECON4707A - Econometrics II	0.5	X	X	X	X	Not offered	
		ECON4900 – Honours Seminar	0.5	Not offered	No enroll.	No enroll.	X	X	
		ECON4903A - Tutorial in Economics	0.5	–	Not offered	Not offered	X	–	
		ECON4903B - Tutorial in Economics	0.5	–	Not offered	Not offered	X	–	
		ECON4904A - Tutorial in Economics	0.5	–	Not offered	Not offered	X	–	
		ECON4904B - Tutorial in Economics	0.5	–	Not offered	Not offered	X	–	
		IPAF4900C - Research Experience Course	0.5	–	No enroll.	No enroll.	–	X	
		Total Credit Weight:	**6.5**	**1.0**	**2.0**	**2.0**	**4.0**	**1.0**	
Razo-Garcia, Raúl	Associate Professor	ECON2102B - Intermediate Macroeconomics I	0.5	X	–	–	–	X	
		ECON2102G - Intermediate Macroeconomics I	0.5	–	X	–	X	–	
		ECON3602A - Int'l Monetary Problems	0.5	X	X	–	X	X	
		ECON4602A - Int'l Monetary	0.5	X	X	–	X	X	

		Theory & Policy							
		ECON4880 – Special Topics	0.5	X	*Not offered	*Not offered	*Not offered	*Not offered	*New 2019-2020
		ECON5602W - Int'l Monetary Theory & Policy	0.5	Not offered	X	Not offered	X	X	
		Total Credit Weight:	**3.0**	**2.0**	**2.0**	**0.0**	**2.0**	**2.0**	
Stephens, Eric L.G.	Associate Professor	ECON3001A – Math Methods for Economics	0.5	–	–	X	X	–	*formerly ECON 24000B
		ECON3001B – Math Methods for Economics	0.5	–	–	X	X	X	
		ECON3405A - Public Economics: Taxation	0.5	–	–	X	X	X	
		*ECON5058W - Adv. Topics in Financial Econ	0.5	*Not offered	*Not offered	*Not offered	–	–	*Not offered after 2017
		Total Credit Weight:	**2.0**	**0.0**	**0.0**	**1.0**	**1.5**	**1.0**	
Vadovič, Radovan	Associate Professor	*ECON2020C - Interm Micrecon I:Prod&Market	0.5	–	–	–	X	X	*formerly 2002
		*ECON2030C - Interm MicreconII: Consum&Equil	0.5	*Not offered	*Not offered	*Not offered	X	X	*Not offered after 2017
		ECON3900B – Research Methods	0.5	–	X	Not Offered	Not Offered	Not Offered	
		ECON4025A - Game Theory and Economics	0.5	*Not offered	*Not offered	*Not offered	X	X	*Not offered after 2017
		ECON4057A - Behavioural Financial Economi	0.5	X	X	Not offered	X	X	
		ECON6020W – Economic Theory: Micro	0.5	X	–	–	–	–	
		Total Credit Weight:	**3.0**	**1.0**	**0.5**	**0.0**	**2.0**	**2.0**	
Zhang, Jiankang	Associate Professor	ECON2201A - Stat Methods in Econ & Busi I	0.5	–	*X	*X	X	X	*Renamed 2210 in 2017
		ECON2201B - Stat Methods in Econ & Busi I	0.5	–	–	*X	–	–	
		ECON2202A - Stat Methods in Econ & Busi II	0.5	–	–	–	X	X	*Renamed 2220 in 2017
		ECON4001A – Math	0.5	–	X	–	–	–	

		Analysis for Economics							
		ECON4051A - Financial Asset Pricing	0.5	–	X	X	X	X	
		ECON5020~~G~~W - Microeconomic Theory	0.5	–	–	–	X	X	
		Total Credit Weight:	**3.0**	**0.0**	**1.5**	**1.5**	**2.0**	**2.0**	
Beland, Louis-Philippe	Assistant Professor	ECON2030A - Interm MicreconII:Consum&Equil	0.5	X	–	–	–	–	
		ECON2030E - Interm MicreconII:Consum&Equil	0.5	X	–	–	–	–	
		ECON5262F – Labour Economics II	0.5	X	–	–	–	–	
		Total Credit Weight:	**1.5**	**1.5**	**0.0**	**0.0**	**0.0**	**0.0**	
Galizia, Dana	Assistant Professor	ECON2102B - Intermediate Macroeconomics I	0.5	–	X	–	X	–	
		ECON2102G - Intermediate Macroeconomics I	0.5	–	–	X	–	–	
		ECON2102H - Intermediate Macroeconomics I	0.5	Not offered	Not offered	–	X	–	
		ECON4021A - Advanced Macroeconomic Theory	0.5	X	–	–	–	–	
		ECON4021B - Advanced Macroeconomic Theory	0.5	X	X	X	X	–	
		ECON5020F – Macroeconomic Theory	0.5	X	X	–	–	–	
		ECON5020W – Macroeconomic Theory	0.5	X	X	–	–	–	
		Total Credit Weight:	**3.5**	**2.0**	**2.0**	**1.0**	**1.5**	**0.0**	
Lee, Minjoon	Assistant Professor	ECON2103A - Intermediate Macroeconomics II	0.5	–	X	X	–	–	
		ECON2103B - Intermediate Macroeconomics II	0.5	–	–	–	X	–	
		ECON2103E - Intermediate Macroeconomics II	0.5	X	X	–	X	–	
		ECON5055F – Financial	0.5	X	X	X	*Not	*Not	*New 2017-2018

		Econometrics					offered	offered	
		ECON6021W - Economic Theory: Macroeconomics	0.5	X	X	X	X	–	
		Total Credit Weight:	**2.5**	**1.5**	**2.0**	**1.5**	**1.5**	**0.0**	
Papineau, Maya M.	Assistant Professor	*ECON2020A - Interm Microcon I:Prod&Market	0.5	X	X	–	–	–	*formerly 2002
		*ECON2020B- Interm Microcon I:Prod&Market	0.5	–	–	–	X	X	
		*ECON2020G - Interm Microcon I:Prod&Market	0.5	–	X	–	X	X	
		ECON3803A - The Econ of Natural Resources	0.5	–	–	–	X	X	
		ECON3804A - Environmental Economics	0.5	X	X	–	X	X	
		ECON5805W – Topics in Enviro. Economics	0.5	X	X	–	–	–	
		Total Credit Weight:	**3.0**	**1.5**	**2.0**	**0.0**	**2.0**	**2.0**	
Webb, Matthew D.	Assistant Professor	*ECON2201C - Stat Methods in Econ & Busi I	0.5	*Not offered	*Not offered	*Not offered	X	X	*renamed 2210 and not offered after 2017
		ECON2201G - Stat Methods in Econ & Busi I	0.5	–	–	–	X	X	*renamed 2210
		ECON4002A - Statistical Analysis in Econ.	0.5	–	–	X	X	X	
		ECON5027F – Econometrics	0.5	X	X	X	–	–	
		ECON5027W – Econometrics	0.5	X	–	X	–	–	
		ECON5262F – Labour Economics II	0.5	–	X	X	–	–	Co-taught with C. Worswick
		Total Credit Weight:	**3.0**	**1.0**	**1.0**	**2.0**	**1.5**	**1.5**	

The normal annual teaching load in the Department of Economics at **Carleton University** is 2.0 credits (which amounts to four one-semester courses). There are reductions in teaching loads in recognition of administrative responsibilities; 1.5 credits for the Departmental Chair, 0.5 credit each for the Ph.D., MA, Undergraduate, an additional 0.5 credit for the Ph.D. Coordinator if he or she is also Director of the Joint Doctoral program with the University of Ottawa (and OCGSE Coordinator), and an additional 0.5 credit for the MA Program Supervisor to reflect the additional duties associated with managing the Post-Baccalaureate Diploma (PBD) Program in Economics. Teaching at the graduate level is normally allocated to faculty with active research programs, especially those who have recently completed their graduate training.

D.4 Contribution of faculty from other Carleton units and programs

The Graduate Diploma in Economic Policy is to be entirely conducted by the Department of Economics. Consequently, we do not require support from other Carleton units and programs.

D.5 Contract instructors

Normally all required and elective courses taught at Carleton University that support both the joint Doctoral program and the MA program are taught by regular faculty members rather than Contract Instructors (CIs). However, in recent years, summer graduate offerings have been taught by CIs in situations where the instructor has specific work experience providing them with the unique knowledge that can be passed on to our graduate students through these offerings. For example, the former Chief Statistician for Canada, Dr. Munir Sheikh, has taught a number of courses for us as have Dr. Charles Freedman, Dr. David Longworth and Dr. Paul Jenkins who are all former Deputy Governors of the Bank of Canada. The proposed Graduate Diploma in Economic Policy would build on these courses providing our graduate students with a credential should they complete the required set of courses. The category of CIs consists of distinguished researchers, economists and analysts, doctoral candidates, recent doctoral graduates, and retired faculty. The following CIs have taught at the graduate level in the past four years:

Dr. Derek Olmstead (Carleton) has been teaching ECON 4995 Review of Mathematical and Statistical Methods of Economics (the preparatory course for new MA students).

Dr. Charles Freedman (MIT), Paul Jenkins (M.Sc. from LSE), Dr. David Longworth (MIT), Dr. J.D. Murray (Princeton) have been teaching ECON 5880 Special Topics in Economics (with a focus on Central Banking).

Dr. C.S. Clark (UC Berkeley) and Peter DeVries (MA from McMaster) have also been teaching a version of ECON 5880 Special Topics in Economics.

Dr. Rashid Nikzad (Senior Economist, Research Branch, Copyright Board of Canada and Ph.D. from University of Ottawa) has also taught ECON 5880 Special Topics in Economics

Dr. Munir A. Sheikh (Western and former Chief Statistician) has also taught a version of ECON 5880.

Dr. Ram Sahi (Manitoba) has also taught ECON 5880 Special Topics in Economics (with a focus on Analysis of Contemporary Sustainable Energy Issues).

E. Program Admission and Enrolment

E.1 Admissions requirements

The MA Admissions Committee of the Department of Economics at Carleton University would be tasked with reviewing the applications for the Graduate Diploma in Economic Policy. The committee has three faculty members, one of whom is the MA Supervisor who serves as chair of the committee. The applications would be reviewed with the focus being on the applicant's capacity to successfully complete the Graduate Diploma in Economic Policy program. A candidate would normally be accepted if s/he has an overall average of B+ or higher over the most recent two years of study, with demonstrated fluency in English, successfully completed university-level introductory (micro- and macro-) economics, with a grade of C+ or higher in each, and permission of the Department of Economics. It is highly recommended that applicants have successfully completed university-level calculus and linear algebra.

E.2 Class sizes and course and program capacity

Currently, there are 69 students in the MA program, which represent a student-faculty ratio of 2.6 (2018-2019). This figure is very close to the university level and is around half that of the Faculty level. It is worth noting that the Faculty of Public Affairs at Carleton University contains two medium size units (in terms of the number of faculty members) -- the Norman Paterson School of International Affairs (NPSIA) and the School of Public Policy and Administration (SPPA) -- that primarily teach graduate students. The presence of these two academic units in FPA has a large influence on the faculty level student/faculty numbers.

E.3 Projected enrolment

We estimate the following student intake in the Graduate Diploma in Economic Policy:

	Year 1	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**
Students						
New Students -GDIP Type III	4	5	5	6	6	6
Returning Students - GDIP Type III						
Total Students - GDIP Type III	**4**	**5**	**5**	**6**	**6**	**6**
New Students -GDIP Type II	1	1	1	2	2	2
Returning Students - GDIP Type II						
Total Students - GDIP Type II	**1**	**1**	**1**	**2**	**2**	**2**

Based on informal conversations with alumni and our current enrollment in the Graduate Diploma

in Economics, we expect that there will be 4 Graduate Diploma in Economic Policy students in year 1, 5 Graduate Diploma in Economic Policy students in years 2 and 3, and 6 Graduate Diploma in Economic Policy students in later years suggesting class sizes will be roughly 6 from year four onwards. Over the past 3 years, enrollment in our current Post-Baccalaureate in Economics has been on average 6 students and we predict that the demand for the Graduate Diploma in Economic Policy will be the same.

Our business model is based on 6 students from year 4 onward and this would still allow students in other programs to be able to take any given course as an elective (e.g. one of our MA students not completing the Graduate Diploma in Economic Policy might take one of these courses as an elective for their MA program). Graduate Diploma in Economic Policy students will have enrollment priority in the core course and designated electives.

F. Student Experience and Satisfaction

F.1 Student orientation, advising, and mentoring

The MA Supervisor will facilitate the orientation, advising and mentoring role of students in the Graduate Diploma in Economic Policy. As it is done with students in the MA program, students in the Graduate Diploma in Economic Policy will be invited to the Orientation/Welcome session for all new graduate students and the BBQ hosted by the Economics Department in the first full week of classes in September. Moreover, on the Department website, we will have an FAQ page for Prospective Students, an FAQ page for current Students, and a Handbook for Graduate Diploma students that will be updated yearly. The Handbook will provide detailed information about program requirements and course selection, contact information, registration, dates, and deadlines.

F.2 Career paths of graduates

The Graduate Diploma in Economic Policy would be of interest as an additional credential to students in various master's programs at Carleton and individuals outside Carleton, especially those without masters-level training in Economics who are working in government. We fully expect that graduates from the proposed new Diploma in Economic Policy to have improved career prospects within public-sector agencies in general and finance ministries and central banks in particular given the strong applied economic content of the courses and Carleton's geographic location in the national capital.

Those who complete Master's degrees in other areas or stop their studies after the Graduate Diploma in Economic Policy without further graduate work are likely to work in the public or private sectors applying the analytical skills and knowledge developed in our proposed program. Some may return later to graduate work in economics completing a Master's degree and possibly a Ph.D.

Educational Opportunities	Public Sector Employment Opportunities	Private Sector Employment Opportunities	Non-Profit Organizations
MA in Economics (GDip Type 3); Ph.D. in Economics (GDip Type 2); Master of Public Administration (GDip Type 3)	Federal Government such as ESDC, Ministry of Finance, Statistics Canada.	Consulting firms	NGOs

G. Resources

Over the last few years, the Faculty of Public Affairs has provided financial support in the form of funding for contract instructors to teach a number of courses included in this proposed Graduate Diploma as a means of assessing demand for such courses (and, indirectly, for the proposed Graduate Diploma). To date, these courses have been offered in the summer and enrolments have been stronger than expected (exceeding 25 for some offerings). The Department's MA Supervisor will administer the program with the support of the Graduate Administrator. The Faculty of Public Affairs and the Department of Economics will work in conjunction with the Faculty of Graduate and Postdoctoral Affairs to ensure that the proposed program is appropriately advertised.

The proposed Graduate Diploma entails the creation of a new core course in Economic Policy, ECON 5060, to be taught by a regular faculty member, and the addition of one new elective course (three are currently offered as Special Topics courses), to be taught by a contract instructor.

In order to implement the Graduate Diploma in Economic Policy, the Department of Economics will require an additional 1.0 FTE in contract instruction: 0.5 to replace a course of a regular faculty member who will teach ECON 5060, and 0.5 to offer an additional elective in Economic Policy. Upon approval, the Dean of the Faculty of Public Affairs has agreed to provide additional CI resources sufficient to offer the program.

G.1 Support and technical staff

Our current administrative staff complement is sufficient to support the new Graduate Diploma in Economic Policy. The Department has an efficient administrative team that works effectively together to deliver all aspects of the graduate programs. The Graduate Administrator provides guidance and support for the Department's graduate programs, including the advising of in-program and prospective graduate students. This position would manage the application and admission processes, registrations, and graduations for the proposed Graduate Diploma in Economic Policy. The Administrative Assistant to the Department assists as necessary in the execution of routine graduate program administration. The Faculty of Public Affairs shares two technical staff members who are extremely responsive and obliging to our specific technical requirements ensuring the

graduate student computer labs have the software required to support our programs. There is a generally collaborative relationship with the Faculty of Graduate and Postdoctoral Affairs.

G.2 Space

There are roughly 50 MA students who have use of the two adjacent and physically connected rooms (C866 and C865 Loeb). The total space is roughly 550 square feet. It contains 12 study carrels, a medium sized table which comfortably sits 8 students, a white board and a lounge area with four lounge chairs. The MA students seem pleased with the new space. We expect that the GDip Econ-Policy students would use this space with the MA students. We do not foresee an issue related to the dedicated space to the Graduate Diploma in Economic Policy students as they will not require the same space as those students with TAs. All students in the Graduate Diploma in Economic Policy will have access to computer resources in the Department of Economics and at the University.

G.3. Library Resources

The Report from the Library is included in **Appendix 4** of the self-study.

PREAMBLE

The Library report is prepared by the librarian or subject specialist responsible for the subject area(s) covered by the program, using a common template developed from guidelines established by the Ontario Council of University Libraries. The main purpose of the report is to specify whether any new resources or services are necessary in order to support the program, for example, whether the Library needs to purchase new books or subscribe to new journals or electronic resources.
The librarians and subject specialists preparing the reports rely on their own professional experience with collecting resources in the subject areas in order to make assessments about whether there are gaps in the collection that need to be filled in order to provide the appropriate teaching and research support for new, modified, or reviewed programs. They consult various sources for information about published resources in the subject area, including the database maintained by the Library's main monographs vendor, publishers' lists and websites, handbooks, and guides to the literature, the library collections of universities that offer the program, various specialized sites relevant to the subject from professional societies and organizations, as well as basic information available in tools such as Google Scholar or generally on the web. They also generally consult faculty members (e.g., the Library representative or the department chair) to discuss their assessment of the strengths and gaps. The Library makes a clear distinction between those resources which are essential to the program and those which are simply "nice to have." Generally speaking, the reports list only the essential resources, with costing obtained from the vendors or agents from which the Library would obtain the materials: each item is listed and costed individually, and the total amount is recorded in the report.

The report also provides context by providing information about the following, when possible or applicable: percentage of top-ranked journals which the Library subscribes to in the subject area(s); how much funds have been spent in the past fiscal year on e-resources, journals, and printed books

in support of the subjects covered by the program; how much funds have been spent in the past 8 years on printed monographs for the program; specialized collections in archives, maps, data, and government information; instruction, teaching, and practicums carried out by Library staff in the classroom or in the Library; highlights from the Library website (e.g., links for subject and course guides and to online tutorials); research partnerships between the Library and the department or program; research consultations; help desk visits; and selected detailed statistical information about the Library.

H. Development of the Self-Study

Hashmat Khan	Chair of the Department of Economics since July 1, 2019
Ana C. Dammert	MA Program Supervisor since July 1, 2017
Lynda Khalaf	Chair of the Department of Economics July 1, 2018, to June 30, 2019
Christopher Worswick	Chair of the Department of Economics from July 1, 2016, to June 30, 2018
Nick Rowe	MA Program Supervisor from July 1, 2015, to June 30, 2017
Patrick Coe	Director of the Joint Doctoral Program from July 2013 to June 30th, 2016, and past MA Program Supervisor
Keir Armstrong	Chair of the Department of Economics from July 1, 2007, to June 30, 2016

In addition, Alison Dailey (Graduate Administrator), Renee Lortie (interim Administrative Assistant to the Chair), Marge Brooks (past Graduate Administrator), Sabrina Robineau (Administrative Assistant to the Chair), and Dawn Bjornson (Department Administrator) all made important contributions to the development of the report.

We also appreciate the support from members of the Carleton University Office of Quality Assurance, specifically, Vice Provost and Associate Vice-President (Academic), and Andrea Thompson. We would also like to thank the former Dean of Graduate and Post-Doctoral Affairs, Dr. Matthias Neufang; the Dean of the Faculty of Public Affairs, Dr. André Plourde; former Associate Dean (Academic) Dr. Hugh Shewell; the Associate Dean (Programs) Dr. James Opp; the Associate Dean (Academic) Dr. David Mendeloff; Leslie MacDonald Hicks, and Sandra Bauer of Graduate and Post-Doctoral Affairs for their support throughout this process.

APPENDIX 1: PROGRAM REQUIREMENTS (PROPOSED CALENDAR COPY)

Program Requirements

The Graduate Diploma in Economic Policy is designed to be completed in one year. However, as it is understood that most Graduate Diploma in Economic Policy students will be either working for pay or full-time students in another graduate program, they may take the Graduate Diploma in Economic Policy program on either a part-time or full-time basis.

Graduate Diploma in Economic Policy (2.0 credits)

1. Required course - 0.5 credit in:		0.5
ECON 5060 [0.0]	Economic Analysis of Public Policy	
2. Elective courses - 1.5 credits from:		1.5
ECON 5061 [0.0]	Central Banking: Theory, Practice, and Recent Challenges	
ECON 5062 [0.0]	Fiscal Policy in Canada: Practice and Challenges	
ECON 5063 [0.0]	Innovation Policy and Economic Growth	
ECON 5064 [0.0]	Economic Policy Formulation and Evaluation	
ECON 5065 [0.0]	Selected Topics in Economic Policy	
Total Credits		**2.0**

Students can take up to 1.0 credits of other elective courses related to economic policy offered outside the Department of Economics, with approval of the MA Supervisor.

Academic Regulations

See the General Regulations section of this Calendar.

Graduate Diploma in Economic Policy students must normally obtain a grade of B- or higher in each course counted towards the diploma.

APPENDIX 2: COURSE DESCRIPTIONS (PROPOSED CALENDAR COPY)

ECON 5060 [0.5 credit]
Economic Analysis of Public Policy
This course examines how economic theory and empirical analysis are used to design and evaluate public policies.

ECON 5061 [0.5 credit]
Central Banking: Theory, Practice, and Recent Changes
Issues related to the formulation and implementation of monetary policy in Canada and other countries. The theoretical basis for such policies. Ways in which policy makers have addressed practical issues of central-bank policy making over the years.

ECON 5062 [0.5 credit]
Fiscal Policy in Canada: Practice and Challenges
Formulation and implementation of fiscal policy by the Government of Canada over recent decades. Assessment of the inputs (both analytical and political) into decision-making, the importance of public communications, the role of federal-provincial relations, and the roles of the bureaucracy and Cabinet.

ECON 5063 [0.5 credit]
Innovation Policy and Economic Growth
An overview of the issues facing policy makers in trying to improve the innovative performance of the economy. The links between innovation, productivity, and economic growth. Topics may include private-sector innovation financing and the roles of government laboratories, universities, and intellectual property in promoting innovation.

ECON 5064 [0.5 credit]
Economic Policy Formulation and Evaluation
Formulation of a policy paradigm based in economic theory and application of it to various relevant and current federal, provincial, and municipal policies, including those relating to health, pensions, income inequality, social assistance, division of powers, education, labour, Indigenous peoples, tax expenditures, and the environment.

ECON 5065 [0.5 credit]
Selected Topics in Economic Policy
This course provides an overview of selected topics at the forefront of Economic Policy from both a theoretical and empirical perspective. Possible topics include regulation of financial markets, cryptocurrency, competition policy, environmental policy, artificial intelligence and machine learning for public policy, among others.

APPENDIX 3: ADMISSION REQUIREMENTS (PROPOSED CALENDAR COPY)

Admission Requirements

The minimum requirement for admission to the Graduate Diploma in Economic Policy program is an undergraduate degree with a GPA of 9.0 (out of 12) or higher, successfully completed university-level introductory (micro- and macro-) economics with a grade of C+ or higher in each, and permission of the Department of Economics.

APPENDIX 4: LIBRARY REPORT

Institutional Quality Assurance Process

New Program Not Requiring a Library Report

Date: June 26, 2018

From: Trish O'Flaherty- Research Support Services

To: Sandra Bauer, Program Officer, Faculty of Graduate and Postdoctoral Affairs

cc Wayne Jones, University Librarian
George Duimovich, Associate University Librarian (Collections and Technology)
David Sharp, Head, Collection Development and Acquisitions
Laura Newton Miller, Assessment Librarian
Patti Harper, Head, Research Support Services

Recommendation

After a review of Carleton University Library's information resources and services, no additional Library resources are required and so no report from the Library is necessary for the QA process for the following new program:

- Graduate Diploma in Economic Policy

This is a formal notification for your records.

APPENDIX 5: STATEMENT OF SUPPORT FROM OTHER UNITS

Carleton UNIVERSITY
Canada's Capital University

School of Public Policy and Administration
Carleton University
5224 Richcraft Hall
1125 Colonel By Drive
Ottawa, ON
K1S 5B6 Canada
Tel: (613) 520-2547
Fax: (613) 520-2551
sppa@carleton.ca
www.carleton.ca/sppa

29 October 2019

Hashmat Khan, Professor and Chair
Department of Economics
Carleton University

Dear Hashmat:

In my capacity as Interim Director of the School of Public Policy and Administration, I am pleased to relay the School's support for adding the proposed GDip Economic Policy to the Department's roster of graduate programs.

The Diploma would complement, not compete with, the School's own graduate offerings – and indeed, at only 2.0 credits, could conceivably be taken by students in our Master of Public Policy and Administration as a type 2 Diploma.

Regards,

Calum Carmichael | Associate Professor and Interim Director
School of Public Policy and Administration | Carleton University
1125 Colonel By Drive, Ottawa ON K1S 5B6 Canada
o: 5206 Richcraft Hall | t: 613 520-2600x2631 | e: calum.carmichael@carleton.ca

New Program Proposal

Date Submitted: 07/17/18 10:47 am

Viewing: TBD-1397 : Graduate Diploma in Economic Policy

Last edit: 02/06/19 5:32 pm

Last modified by: sandrabauer

Changes proposed by: sandrabauer

In Workflow

1. **ECON ChairDir GR**
2. **PA Dean**
3. **GRAD Dean**
4. **GRAD FCC**
5. **GRAD FBoard**
6. **PRE SCCASP**
7. SCCASP
8. SQAPC
9. Senate
10. CalEditor

Approval Path

1. 03/04/16 4:58 pm Keir Armstrong (keirarmstrong): Approved for ECON ChairDir GR
2. 07/17/18 10:31 am Sandra Bauer (sandrabauer): Rollback to Initiator
3. 07/17/18 10:46 am Sandra Bauer (sandrabauer): Rollback to Initiator
4. 07/23/18 4:39 pm Lynda Khalaf (lyndakhalaf): Approved for ECON ChairDir GR
5. 08/30/18 11:32 am David Mendeloff (davidmendeloff): Approved for PA Dean
6. 01/17/20 5:34 pm Sandra Bauer (sandrabauer): Approved for GRAD Dean
7. 02/05/20 11:38 am Sandra Bauer (sandrabauer): Approved for GRAD FCC
8. 02/21/20 3:11 pm Sandra Bauer (sandrabauer): Approved for GRAD FBoard

Effective Date	2020-21
Workflow	majormod
Program Code	TBD-1397
Level	Graduate
Faculty	Faculty of Public Affairs
Academic Unit	Department of Economics
Degree	Graduate Diploma
Title	Graduate Diploma in Economic Policy

Program Requirements

Graduate Diploma in Economic Policy

Academic Regulations

See the General Regulations section of this Calendar.

G.Dip. students must normally obtain a grade of B- or higher in each course counted towards the diploma.

Admission Requirements

The minimum requirement for admission to the G.Dip. program is an undergraduate degree with a GPA of 9.0 (out of 12) or higher, preferably with honours, successfully completed university-level introductory (micro- and macro-) economics, calculus, and linear algebra with a grade of C+ or higher in each, and permission of the Department of Economics. The normal requirement for admission is that the undergraduate degree be in economics or equivalent.

Program Requirements

The G.Dip. is designed to be completed in one year. However, as it is understood that most G.Dip. students will be either working for pay or full-time students in another graduate program, they may take the G.Dip. program on either a part-time or full-time basis.

G.Dip. in Economic Policy (2.0 credits)

1. 2.0 credits from:		**2.0**
ECON 5060 [0.0]	**Economic Analysis of Public Policy**	
ECON 5061 [0.0]	**Central Banking: Theory, Practice, and Recent Challenges**	
ECON 5062 [0.0]	**Fiscal Policy in Canada: Practice and Challenges**	
ECON 5063 [0.0]	**Innovation Policy and Economic Growth**	
ECON 5064 [0.0]	**Economic Policy Formulation and Evaluation**	
ECON 5065 [0.0]	**Selected Topics in Economic Policy**	

Total Credits	2.0

New Resources	No New Resources
Summary	Add new program G.Dip. in Economic Policy.
Rationale	To introduce a graduate diploma program covering a broad topic area within which the Department has long-standing strengths and comprised of a selection of new graduate courses that would be more accessible and policy-oriented than those traditionally offered by the Department. Offerings of these courses would be open to students admissible to graduate studies at Carleton who have at least some formal training in undergraduate economics (à la the PBDE). In addition to being available as a stand-alone program ("Type 3"), the GDip-EconPolicy would be open to students in Carleton graduate degree programs as an add-on credential ("Type 2") with up to 1.0 credit of overlap, depending on whether the relevant degree-program supervisors permit Economic Policy courses to count as electives (which they certainly would in relation to the M.A. Economics program).
Transition/Implementation	

Program reviewer comments	**sandrabauer (01/23/17 12:04 pm):** Activated sum credits **sandrabauer (12/06/17 11:12 am):** Pending V1. **sandrabauer (12/06/17 11:29 am):** Change year to 19-20 pending GDIP **sandrabauer (07/17/18 10:31 am):** Rollback: Resubmitting for 19-20. No action required on your part. **sandrabauer (07/17/18 10:36 am):** Tab out regulations sections before publish. **sandrabauer (07/17/18 10:46 am):** Rollback: Resubmit to capture new ChairDir in workflow. **sandrabauer (10/25/18 5:17 pm):** V1 IP. **sandrabauer (02/06/19 5:29 pm):** Changed to 20-21. **sandrabauer (12/12/19 4:09 pm):** Bring to Jan P&P **sandrabauer (02/13/20 11:54 am):** Keep for 20-21 and aim for a winter launch. Place into calendar as a late update after QC approval.

Key: 1397

New Course Proposal

Date Submitted: 02/13/20 10:45 am

Viewing: ECON 5060 : Economic Analysis of Public Policy

Last edit: 02/13/20 4:25 pm

Changes proposed by: alisondailey

In Workflow

1. **ECON ChairDir GR**
2. **GRAD FCC**
3. **GRAD FBoard**
4. **PRE SCCASP**
5. **SCCASP**
6. Banner

Approval Path

1. 03/04/16 4:55 pm Keir Armstrong (keirarmstrong): Approved for ECON ChairDir GR
2. 07/17/18 10:30 am Sandra Bauer (sandrabauer): Rollback to Initiator
3. 07/17/18 10:45 am Sandra Bauer (sandrabauer): Rollback to Initiator
4. 07/23/18 4:38 pm Lynda Khalaf (lyndakhalaf): Approved for ECON ChairDir GR
5. 10/03/18 4:42 pm Sandra Bauer (sandrabauer): Approved for GRAD FCC
6. 10/18/18 3:46 pm Sandra Bauer (sandrabauer): Rollback to GRAD FCC for GRAD FBoard
7. 10/23/19 8:51 am Sarah Cleary (sarahcleary): Rollback to Initiator
8. 02/13/20 2:59 pm Sandra Bauer (sandrabauer): Approved for ECON ChairDir GR
9. 02/13/20 3:02 pm Sandra Bauer (sandrabauer): Approved for GRAD FCC

10. 02/19/20 2:09 pm Sandra Bauer (sandrabauer): Approved for GRAD FBoard
11. 02/26/20 2:09 pm Sarah Cleary (sarahcleary): Approved for PRE SCCASP

Effective Date	2020-21
Workflow	minormod
New Resources	No New Resources
Level	Graduate
Course Code	ECON
Course Number	5060
Title	Economic Analysis of Public Policy
Title (short)	Econ Analysis of Public Policy
Faculty	Faculty of Public Affairs
Academic Unit	Department of Economics
Credit Value	0.50
Significant Experiential Learning	None
Course Description	This course examines how economic theory and empirical analysis are used to design and evaluate public policies.
Prerequisite(s)	
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	
Grade Mode	Standard Letter Grade
Schedule Type	Lecture

*May constitute a major modification under Carleton's IQAP. Please consult https://carleton.ca/viceprovost/major-minor-modifications/ for more details.

Unpaid Placement	No
Summary	Add new (GDip-EconPolicy) course ECON 5060.
Rationale for new course	To create a set of courses in the broad topic area of Economic Policy that would be more accessible than those traditionally offered by the Department and serve as both M.A. Economics program electives and the basis for a new (2.0-credit) graduate diploma in Economic Policy.
Course reviewer comments	**sandrabauer (12/06/17 11:27 am):** Change year to 19-20 pending GDIP **sandrabauer (07/17/18 10:30 am):** Rollback: Resubmitting for 19-20. No action required on your part. **sandrabauer (07/17/18 10:45 am):** Rollback: Resubmit to capture new ChairDir in workflow. **sandrabauer (10/18/18 3:46 pm):** Rollback: Workflow correction **sarahcleary (10/23/19 8:51 am):** Rollback: As requested by FGPA.

Key: 8909
Not an admin

New Course Proposal

Date Submitted: 11/14/19 10:20 am

Viewing: ECON 5061 : Central Banking: Theory, Practice, and Recent Challenges

Last edit: 02/13/20 11:08 am

Changes proposed by: alisondailey

Calendar Pages referencing this course	Economics Economics (ECON)

In Workflow

1. **ECON ChairDir GR**
2. **GRAD FCC**
3. **GRAD FBoard**
4. **PRE SCCASP**
5. **SCCASP**
6. Banner

Approval Path

1. 03/04/16 4:56 pm Keir Armstrong (keirarmstrong): Approved for ECON ChairDir GR
2. 07/17/18 10:31 am Sandra Bauer (sandrabauer): Rollback to Initiator
3. 07/17/18 10:46 am Sandra Bauer (sandrabauer): Rollback to Initiator
4. 07/23/18 4:38 pm Lynda Khalaf (lyndakhalaf): Approved for ECON ChairDir GR
5. 10/03/18 4:42 pm Sandra Bauer (sandrabauer): Approved for GRAD FCC
6. 10/18/18 3:47 pm Sandra Bauer (sandrabauer): Rollback to GRAD FCC for GRAD FBoard
7. 10/23/19 8:51 am Sarah Cleary (sarahcleary): Rollback to Initiator
8. 02/04/20 2:25 pm Hashmat Khan (hashmatkhan): Approved for ECON ChairDir GR
9. 02/05/20 11:16 am Sandra Bauer (sandrabauer): Approved for GRAD FCC

10. 02/19/20 2:09 pm Sandra Bauer (sandrabauer): Approved for GRAD FBoard
11. 02/26/20 2:09 pm Sarah Cleary (sarahcleary): Approved for PRE SCCASP

Effective Date	2020-21
Workflow	minormod
New Resources	No New Resources
Level	Graduate
Course Code	ECON
Course Number	5061
Title	Central Banking: Theory, Practice, and Recent Challenges
Title (short)	Central Banking Theory
Faculty	Faculty of Public Affairs
Academic Unit	Department of Economics
Credit Value	0.50
Significant Experiential Learning	None
Course Description	Issues related to the formulation and implementation of monetary policy in Canada and other countries. The theoretical basis for such policy. Ways in which policy makers have addressed practical issues of central-bank policy making over the years.
Prerequisite(s)	
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	
Grade Mode	Standard Letter Grade
Schedule Type	Lecture

*May constitute a major modification under Carleton's IQAP. Please consult

	https://carleton.ca/viceprovost/major-minor-modifications/ for more details.
Unpaid Placement	No
Summary	Add new (GDip-EconPolicy) course ECON 5061.
Rationale for new course	To create a set of courses in the broad topic area of Economic Policy that would be more accessible than those traditionally offered by the Department and serve as both M.A. Economics program electives and the basis for a new (2.0-credit) graduate diploma in Economic Policy.
Course reviewer comments	**sandrabauer (12/06/17 11:28 am):** Change year to 19-20 pending GDIP **sandrabauer (07/17/18 10:31 am):** Rollback: Resubmitting for 19-20. No action required on your part. **sandrabauer (07/17/18 10:46 am):** Rollback: Resubmit to capture new ChairDir in workflow. **sandrabauer (10/18/18 3:47 pm):** Rollback: Workflow correction **sarahcleary (10/23/19 8:51 am):** Rollback: As requested by FGPA. **sandrabauer (02/13/20 11:08 am):** Changed 'changes' in title to 'challenges' per A.Dammert.

Key: 8910
Not an admin

New Course Proposal

Date Submitted: 02/13/20 10:51 am

Viewing: ECON 5062 : Fiscal Policy in Canada: Practice and Challenges

Last edit: 02/13/20 10:51 am

Changes proposed by: alisondailey

In Workflow

1. **ECON ChairDir GR**
2. **GRAD FCC**
3. **GRAD FBoard**
4. **PRE SCCASP**
5. **SCCASP**
6. Banner

Approval Path

1. 03/04/16 4:56 pm Keir Armstrong (keirarmstrong): Approved for ECON ChairDir GR
2. 07/17/18 10:31 am Sandra Bauer (sandrabauer): Rollback to Initiator
3. 07/17/18 10:46 am Sandra Bauer (sandrabauer): Rollback to Initiator
4. 07/23/18 4:38 pm Lynda Khalaf (lyndakhalaf): Approved for ECON ChairDir GR
5. 10/03/18 4:43 pm Sandra Bauer (sandrabauer): Approved for GRAD FCC
6. 10/18/18 3:47 pm Sandra Bauer (sandrabauer): Rollback to GRAD FCC for GRAD FBoard
7. 10/23/19 8:51 am Sarah Cleary (sarahcleary): Rollback to Initiator
8. 02/13/20 2:59 pm Sandra Bauer (sandrabauer): Approved for ECON ChairDir GR
9. 02/13/20 3:02 pm Sandra Bauer (sandrabauer): Approved for GRAD FCC

10. 02/19/20 2:09 pm Sandra Bauer (sandrabauer): Approved for GRAD FBoard
11. 02/26/20 2:09 pm Sarah Cleary (sarahcleary): Approved for PRE SCCASP

Effective Date	2020-21
Workflow	minormod
New Resources	No New Resources
Level	Graduate
Course Code	ECON
Course Number	5062
Title	Fiscal Policy in Canada: Practice and Challenges
Title (short)	Fiscal Policy
Faculty	Faculty of Public Affairs
Academic Unit	Department of Economics
Credit Value	0.50
Significant Experiential Learning	None
Course Description	Formulation and implementation of fiscal policy by the Government of Canada over recent decades. Assessment of the inputs (both analytical and political) into decision-making, the importance of public communications, the role of federal-provincial relations, and the roles of the bureaucracy and Cabinet.
Prerequisite(s)	
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	
Grade Mode	Standard Letter Grade
Schedule Type	Lecture

	*May constitute a major modification under Carleton's IQAP. Please consult https://carleton.ca/viceprovost/major-minor-modifications/ for more details.
Unpaid Placement	No
Summary	Add new (GDip-EconPolicy) course ECON 5062.
Rationale for new course	To create a set of courses in the broad topic area of Economic Policy that would be more accessible than those traditionally offered by the Department and serve as both M.A. Economics program electives and the basis for a new (2.0-credit) graduate diploma in Economic Policy.
Course reviewer comments	**sandrabauer (12/06/17 11:28 am):** Change year to 19-20 pending GDIP **sandrabauer (07/17/18 10:31 am):** Rollback: Resubmitting for 19-20. No action required on your part. **sandrabauer (07/17/18 10:46 am):** Rollback: Resubmit to capture new ChairDir in workflow. **sandrabauer (10/18/18 3:47 pm):** Rollback: Workflow correction **sarahcleary (10/23/19 8:51 am):** Rollback: As requested by FGPA.

Key: 8911
Not an admin

New Course Proposal

Date Submitted: 11/14/19 10:22 am

Viewing: ECON 5063 : Innovation Policy and Economic Growth

Last edit: 11/14/19 10:22 am

Changes proposed by: alisondailey

Calendar Pages referencing this course	Economics Economics (ECON)

In Workflow

1. **ECON ChairDir GR**
2. **GRAD FCC**
3. **GRAD FBoard**
4. **PRE SCCASP**
5. **SCCASP**
6. Banner

Approval Path

1. 03/04/16 4:56 pm Keir Armstrong (keirarmstrong): Approved for ECON ChairDir GR
2. 07/17/18 10:31 am Sandra Bauer (sandrabauer): Rollback to Initiator
3. 07/17/18 10:46 am Sandra Bauer (sandrabauer): Rollback to Initiator
4. 07/23/18 4:38 pm Lynda Khalaf (lyndakhalaf): Approved for ECON ChairDir GR
5. 10/03/18 4:43 pm Sandra Bauer (sandrabauer): Approved for GRAD FCC
6. 10/18/18 3:47 pm Sandra Bauer (sandrabauer): Rollback to GRAD FCC for GRAD FBoard
7. 10/23/19 8:51 am Sarah Cleary (sarahcleary): Rollback to Initiator
8. 02/04/20 2:25 pm Hashmat Khan (hashmatkhan): Approved for ECON ChairDir GR
9. 02/05/20 11:16 am Sandra Bauer (sandrabauer): Approved for GRAD FCC

10. 02/19/20 2:10 pm Sandra Bauer (sandrabauer): Approved for GRAD FBoard
11. 02/26/20 2:09 pm Sarah Cleary (sarahcleary): Approved for PRE SCCASP

Effective Date	2020-21
Workflow	minormod
New Resources	No New Resources
Level	Graduate
Course Code	ECON
Course Number	5063
Title	Innovation Policy and Economic Growth
Title (short)	Innovation Policy
Faculty	Faculty of Public Affairs
Academic Unit	Department of Economics
Credit Value	0.50
Significant Experiential Learning	None
Course Description	An overview of the issues facing policy makers in trying to improve the innovative performance of the economy. The links between innovation, productivity, and economic growth. Topics may include private-sector innovation financing and the roles of government laboratories, universities, and intellectual property in promoting innovation.
Prerequisite(s)	
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	
Grade Mode	Standard Letter Grade
Schedule Type	Lecture

	*May constitute a major modification under Carleton's IQAP. Please consult https://carleton.ca/viceprovost/major-minor-modifications/ for more details.
Unpaid Placement	No
Summary	Add new (GDip-EconPolicy) course ECON 5063.
Rationale for new course	To create a set of courses in the broad topic area of Economic Policy that would be more accessible than those traditionally offered by the Department and serve as both M.A. Economics program electives and the basis for a new (2.0-credit) graduate diploma in Economic Policy.
Course reviewer comments	**sandrabauer (12/06/17 11:28 am):** Change year to 19-20 pending GDIP **sandrabauer (07/17/18 10:31 am):** Rollback: Resubmitting for 19-20. No action required on your part. **sandrabauer (07/17/18 10:46 am):** Rollback: Resubmit to capture new ChairDir in workflow. **sandrabauer (10/18/18 3:47 pm):** Rollback: Workflow correction **sarahcleary (10/23/19 8:51 am):** Rollback: As requested by FGPA.

Key: 8912
Not an admin

New Course Proposal

Date Submitted: 02/13/20 10:52 am

Viewing: ECON 5064 : Economic Policy Formulation and Evaluation

Last edit: 02/13/20 10:52 am

Changes proposed by: alisondailey

In Workflow

1. **ECON ChairDir GR**
2. **GRAD FCC**
3. **GRAD FBoard**
4. **PRE SCCASP**
5. **SCCASP**
6. Banner

Approval Path

1. 03/04/16 4:57 pm Keir Armstrong (keirarmstrong): Approved for ECON ChairDir GR
2. 07/17/18 10:31 am Sandra Bauer (sandrabauer): Rollback to Initiator
3. 07/17/18 10:46 am Sandra Bauer (sandrabauer): Rollback to Initiator
4. 07/23/18 4:39 pm Lynda Khalaf (lyndakhalaf): Approved for ECON ChairDir GR
5. 10/03/18 4:43 pm Sandra Bauer (sandrabauer): Approved for GRAD FCC
6. 10/18/18 3:47 pm Sandra Bauer (sandrabauer): Rollback to GRAD FCC for GRAD FBoard
7. 10/23/19 8:52 am Sarah Cleary (sarahcleary): Rollback to Initiator
8. 02/13/20 2:59 pm Sandra Bauer (sandrabauer): Approved for ECON ChairDir GR
9. 02/13/20 3:02 pm Sandra Bauer (sandrabauer): Approved for GRAD FCC

10. 02/19/20 2:10 pm Sandra Bauer (sandrabauer): Approved for GRAD FBoard
11. 02/26/20 2:09 pm Sarah Cleary (sarahcleary): Approved for PRE SCCASP

Effective Date	2020-21
Workflow	minormod
New Resources	No New Resources
Level	Graduate
Course Code	ECON
Course Number	5064
Title	Economic Policy Formulation and Evaluation
Title (short)	Econ Policy Formulation
Faculty	Faculty of Public Affairs
Academic Unit	Department of Economics
Credit Value	0.50
Significant Experiential Learning	None
Course Description	Formulation of a policy paradigm based in economic theory and application of it to various relevant and current federal, provincial, and municipal policies, including those relating to health, pensions, income inequality, social assistance, division of powers, education, labour, Indigenous peoples, tax expenditures, and the environment.
Prerequisite(s)	
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	
Grade Mode	Standard Letter Grade
Schedule Type	Lecture

	*May constitute a major modification under Carleton's IQAP. Please consult https://carleton.ca/viceprovost/major-minor-modifications/ for more details.
Unpaid Placement	No
Summary	Add new (GDip-EconPolicy) course ECON 5064.
Rationale for new course	To create a set of courses in the broad topic area of Economic Policy that would be more accessible than those traditionally offered by the Department and serve as both M.A. Economics program electives and the basis for a new (2.0-credit) graduate diploma in Economic Policy.
Course reviewer comments	**sandrabauer (12/06/17 11:28 am):** Change year to 19-20 pending GDIP **sandrabauer (07/17/18 10:31 am):** Rollback: Resubmitting for 19-20. No action required on your part. **sandrabauer (07/17/18 10:46 am):** Rollback: Resubmit to capture new ChairDir in workflow. **sandrabauer (10/18/18 3:47 pm):** Rollback: Workflow correction **sarahcleary (10/23/19 8:52 am):** Rollback: As requested by FGPA.

Key: 8913
Not an admin

New Course Proposal

Date Submitted: 02/13/20 10:52 am

Viewing: ECON 5065 : Selected Topics in Economic Policy

Last edit: 02/13/20 10:52 am

Changes proposed by: alisondailey

In Workflow

1. **ECON ChairDir GR**
2. **GRAD FCC**
3. **GRAD FBoard**
4. **PRE SCCASP**
5. **SCCASP**
6. Banner

Approval Path

1. 03/04/16 4:57 pm Keir Armstrong (keirarmstrong): Approved for ECON ChairDir GR
2. 07/17/18 10:31 am Sandra Bauer (sandrabauer): Rollback to Initiator
3. 07/17/18 10:46 am Sandra Bauer (sandrabauer): Rollback to Initiator
4. 07/23/18 4:39 pm Lynda Khalaf (lyndakhalaf): Approved for ECON ChairDir GR
5. 10/03/18 4:43 pm Sandra Bauer (sandrabauer): Approved for GRAD FCC
6. 10/18/18 3:47 pm Sandra Bauer (sandrabauer): Rollback to GRAD FCC for GRAD FBoard
7. 10/23/19 8:52 am Sarah Cleary (sarahcleary): Rollback to Initiator
8. 02/13/20 2:59 pm Sandra Bauer (sandrabauer): Approved for ECON ChairDir GR
9. 02/13/20 3:03 pm Sandra Bauer (sandrabauer): Approved for GRAD FCC

10. 02/19/20 2:10 pm Sandra Bauer (sandrabauer): Approved for GRAD FBoard
11. 02/26/20 2:09 pm Sarah Cleary (sarahcleary): Approved for PRE SCCASP

Effective Date	2020-21
Workflow	minormod
New Resources	No New Resources
Level	Graduate
Course Code	ECON
Course Number	5065
Title	Selected Topics in Economic Policy
Title (short)	Select Topics in Econ Policy
Faculty	Faculty of Public Affairs
Academic Unit	Department of Economics
Credit Value	0.50
Significant Experiential Learning	None
Course Description	This course provides an overview of selected topics at the forefront of Economic Policy from both a theoretical and empirical perspective. Possible topics include regulation of financial markets, cryptocurrency, competition policy, environmental policy, artificial intelligence and machine learning for public policy, among others.
Prerequisite(s)	
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	
Grade Mode	Standard Letter Grade
Schedule Type	Lecture

	*May constitute a major modification under Carleton's IQAP. Please consult https://carleton.ca/viceprovost/major-minor-modifications/ for more details.
Unpaid Placement	No
Summary	Add new (GDip-EconPolicy) course ECON 5065.
Rationale for new course	To create a set of courses in the broad topic area of Economic Policy that would be more accessible than those traditionally offered by the Department and serve as both M.A. Economics program electives and the basis for a new (2.0-credit) graduate diploma in Economic Policy.
Course reviewer comments	**sandrabauer (12/06/17 11:29 am):** Change year to 19-20 pending GDIP **sandrabauer (07/17/18 10:31 am):** Rollback: Resubmitting for 19-20. No action required on your part. **sandrabauer (07/17/18 10:46 am):** Rollback: Resubmit to capture new ChairDir in workflow. **sandrabauer (10/18/18 3:47 pm):** Rollback: Workflow correction **sarahcleary (10/23/19 8:52 am):** Rollback: As requested by FGPA.

Key: 8914
Not an admin

Carleton UNIVERSITY
Canada's Capital University

Office of the Vice-Provost and
Associate Vice-President (Academic)

Institutional Quality Assurance Process

New Program Approval:

Graduate Diploma in Economic Policy

Volume 2: *Curricula vitae*

Curriculum Vitae as of 2 March 2020

NAME: Keir G. Armstrong

DEPARTMENT: ECONOMICS

TELEPHONE NUMBER IN DEPARTMENT: Ext. 8696

CARLETON E-MAIL ADDRESS: keir.armstrong@carleton.ca

A. EDUCATION

Ph.D., Economics, University of British Columbia, November 1995 (Thesis: "Multilateral Approaches to the Theory of International Comparisons"; Supervisor: W. Erwin Diewert).

M.A., Economics, University of British Columbia, May 1989.

B.Sc. (with distinction), Economics and Quantitative Methods, University of Toronto, November 1987.

B. EMPLOYMENT

1. Academic Appointments

Associate Professor, Department of Economics, Carleton University: July 2004 to present.

Assistant Professor, Department of Economics, Carleton University: October 1995 to June 2004—with tenure from July 2001.

Lecturer, Department of Economics, Carleton University: July 1995 to October 1995.

Instructor, Extra-Sessional Studies, University of British Columbia: 1993, 1991, 1990.

2. Other Employment

Research Assistant to Professor W. Erwin Diewert, Department of Economics, University of British Columbia: 1992–1993.

Research Assistant to Professor W. Craig Riddell, Department of Economics, University of British Columbia: 1990–1992.

Research Assistant to Professor Jeremy R. Rudin, Department of Economics, University of British Columbia: 1989.

Teaching Assistant, Department of Economics, University of British Columbia: 1988–1995.

C. PROFESSIONAL HONOURS

Finalist, Capital Educators' Awards, 2007.

D. PUBLICATIONS

1. Refereed Scholarly Publications

a) Books

None.

b) Articles in Refereed Journals

"Grade Scaling: Issues and Approaches," *Teaching Options Pédagogiques*, Vol. 7, No. 1 (October 2003), pp. 2–11.

"A Restricted-Domain Multilateral Test Approach to the Theory of International Comparisons," *International Economic Review*, Vol. 44, No. 1 (February 2003), pp. 31–86.

"What Impact Does the Choice of Formula Have on International Comparisons?" *Canadian Journal of Economics*, Vol. 34, No. 3 (August 2001), pp. 697–718.

"Microeconomic Foundations for the Theory of International Comparisons," *Journal of Economic Theory*, Vol. 101, No. 2 (December 2001), pp. 585–605; published online 19 July 2001, at www.idealibrary.com on IDEAL.

c) Articles in Refereed Conference Proceedings

None.

d) Edited Books

None.

e) Chapters in Edited Books

"Hyperextended-Real-Valued Indexes of Absolute Dissimilarity," *Price and Productivity Measurement, Volume 4: International Comparisons and Trade*, ed. W. Erwin Diewert, Bert M. Balk, Dennis Fixler, Kevin J. Fox and Alice O. Nakamura, Trafford Press, 2007, Ch. 11.

2. Other (Non-refereed) Scholarly Publications

a) Non-refereed Books

None.

b) Chapters in Non-refereed Books

None.

c) Review Articles

None.

d) Articles in Non-refereed Journals

None.

e) Articles in Non-refereed Conference Proceedings

None.

f) Technical Reports

"Spousal Characteristics and the Selection of Economic Immigrants" (with Christopher Worswick), Research and Evaluation report for Citizenship and Immigration Canada, May 2013.

g) Book Reviews in Scholarly Journals

None.

h) Major Encyclopedia or Dictionary Articles

None.

i) Catalogues

None.

3. Creative or Professional Publications

"Why Study Economics?" (with Simon Power), *Economics for the Eager*, ed. Kishor Vaidya, The Curious Academic Publishing, July 2015 (ISBN 978-1-925128-30-7), Ch. 20—short article written in February 2014.

E. OTHER SCHOLARLY OR PROFESSIONAL ACTIVITY

1. Editorial Responsibilities

None.

2. Papers presented

"Inframarginal Analysis and the Theory of the Firm," 42nd Annual Meeting of the Canadian Economics Association, Vancouver, 6–8 June 2008.

"A Graphical Depiction of Hicksian Partial-Equilibrium Welfare Analysis," 37th Annual Meeting of the Canadian Economics Association, Ottawa, 29 May – 1 June 2003; Economics Department Seminar, Lakehead University, Thunder Bay, 26 March 2004.

"Empirically Estimated 'True' PPP Indexes," 34th Annual Meeting of the Canadian Economics Association, Vancouver, 1–4 June 2000; World Congress on National Accounts and Economic Performance Measures for Nations, Washington, D.C., 13–17 May 2008.

3. Contract or Other Research

Citizenship and Immigration Canada, Research and Evaluation Branch, Contract No. 7085864, $4 400, 20 February – 28 March 2013 (Project Title: "Characteristics of the Principal Applicant's Spouse").

Carleton University, GR-6 research grant, $3 000, June 2001 (Project Title: "Multilateral Approaches to the Theory of International Comparisons").

Carleton University, GR-6 research grant, $3 000, April 1997 (Project Title: "Multilateral Approaches to the Theory of International Comparisons").

Carleton University, new-researcher start-up costs, $2 500, July 1995.

4. Other Professional Activities

Session Chair, Canadian Association for Latin American and Caribbean Studies (CALACS) Congress, Ottawa, 3–5 May 2013.

Master of Ceremonies, Exclusive Presentation by University of Tokyo Professor Motoshige Itoh on "Japan and Canada: Opportunities and Challenges" at the residence of the Ambassador of Japan in Canada, special event in association with the 25th Annual Conference of the Japan Studies Association of Canada (JSAC), Ottawa, 11 October 2012.

External Assessor (No. 9) of a proposal (File No. 410-2009-1771) under consideration for funding by SSHRC; assessment submitted on 3 February 2009.

Session Chair, 42nd Annual Meeting of the Canadian Economics Association, Vancouver, 6–8 June 2008.

Participant, Sixth Annual Ottawa Productivity Workshop, Bank of Canada, Ottawa, 14–15 May 2007.

Participant, Fifth Annual Ottawa Productivity Workshop, Bank of Canada, Ottawa, 23–24 May 2006.

Referee for the *Journal of Policy Analysis and Management* (MS 4038); report submitted on 24 March 2005.

Member, Price Measurement Advisory Committee, Statistics Canada, Ottawa, December 2004 to November 2008.

Reviewer of *Principles of Macroeconomics*, 4th Edition, by Stiglitz and Walsh; review (of Chapters 11–15) submitted to W.W. Norton & Co. on 8 November 2004.

Session Chair, 37th Annual Meeting of the Canadian Economics Association, Ottawa, 29 May –1 June 2003.

Discussant for "Measuring the Output and Prices of the Lottery Sector: An Application of Implicit Expected Utility Theory" by Kam Yu, 37th Annual Meeting of the Canadian Economics Association, Ottawa, 29 May – 1 June 2003.

Referee for the *International Economic Review* (MS#20642 /MSP-02-06-03); report submitted on 30 July 2002.

Participant, WebCT Workshops (001–005), Teaching and Learning Resource Centre, Carleton University, 30 April – 1 May 2002.

Reviewer of *Principles of Microeconomics*, 1st Canadian Edition, by Frank, Bernanke et al.; review submitted to McGraw-Hill Ryerson Limited on 29 April 2002.

Reviewer of *Macroeconomics*, 2nd Canadian Edition, by Colander, Sephton and Richter; review (of Chapters 6–18) submitted to McGraw-Hill Ryerson Limited on 30 January 2002.

Reviewer of a proposal (no. 0136293) under consideration for funding by the (United States) National Science Foundation (NSF); review submitted (via FastLane) on 1 November 2001.

Departmental Representative, Educ@tional Technology Conference, 21 February 2001.

Referee for the *Canadian Journal of Economics*; report submitted on 9 October 2000.

Discussant for "The Consumer Price Index and Index Number Purpose" by W. Erwin Diewert and for one of the three papers in the "Methodology" Session of the 34th Annual Meeting of the Canadian Economics Association, Vancouver, 1–4 June 2000.

Discussant for "A Weighting-Indifferent Price Index" by Paul Gilbert and Marianne Johnson, Bank of Canada research seminar, Ottawa, 19 May 1999.

Guest Speaker, Career Awareness Day, Ashbury College, 3 March 1999.
Session Chair, 32nd Annual Meeting of the Canadian Economics Association, Ottawa, 28–31 May 1998.

Content Writer, "Microeconomics Learning Module" (www.webcon.net/~econ—a worldwide web site developed by Webcon WWW Consultants under contract with Industry Canada), autumn 1996.

5. Scholarly Work in Progress

"The Mathematics of Foreign Exchange"—research and writing nearly complete.

"A Process-Realistic Theory of Consumer Choice"—written; submitted for publication in the *American Economic Review* on 12 April 2017, rejected on 31 May

2017; revised version submitted for publication in *Econometrica* on 24 August 2017, rejected on 6 September 2017 (with comments by the editor only); further revised version submitted for publication in the *Journal of Political Economy* on 24 July 2018, rejected on 13 August 2018 (with very positive general comments by the editor only, including "there is much to like; it is an interesting analysis, it breaks new ground, and I sincerely hope that you will publish it in an excellent journal!"); submitted for publication in the *Review of Economic Studies* on 17 August 2018, rejected on 15 December 2018 (with four referee reports); substantially revised version submitted for publication in the *Quarterly Journal of Economics* on 5 July 2019, rejected within 3½ hours by the editor ("The paper has many interesting ideas, but I think it would perhaps be a better fit for a somewhat more specialized journal"); submitted for publication in the *Economic Journal* on 8 July 2019, rejected on 23 July 2019 (with comments by the editor only, including "You have a great motivation for your research but I feel that, at this stage, your results do not go sufficiently beyond the demonstration of the equivalence between the two frameworks to demonstrate how it sheds new insights"); submitted for publication in the *Journal of Economic Theory* on 5 August 2019, rejected on 17 September 2019 (with comments by the editor only); submitted for publication in the *International Economic Review* on 20 November 2019, rejected on 27 November 2019 by a co-editor ("a little too specialized for a general interest journal such as IER"); submitted for publication in *Oxford Economic Papers* on 19 December 2019.

"A Generalized Profit Function"—written; submitted for publication in *Economics Letters* on 20 June 2017, rejected on 28 July 2017; revised version submitted for publication in the *Journal of Economic Theory* on 4 August 2018, rejected on 22 August 2018 (by the editor since "*JET* no longer publishes short papers and notes … despite [the paper's] contribution"); submitted for publication in the *Economic Journal* on 26 August 2018, rejected on 30 October 2018 (by the editor on the basis of the paper "not [being of] general interest" in her opinion); further research in progress.

"International Competitiveness Analysis"—research and writing suspended.

"The Theory of Natural Capital Indexes" (with Nazrul Kazi of Statistics Canada)—research suspended.

"The Economics of Supply Management of Canadian Dairy"—writing suspended.

"Consumer Surplus and Well Being"—analysis and writing suspended.

"Happiness and Memory"—analysis and writing suspended.

"Hyperextended-Real-Valued Indexes of Absolute Dissimilarity for Real GDP Comparisons"—analysis and writing suspended.

"Empirically Estimated 'True' PPP Indexes"—submitted for publication in the *American Economic Review* on 29 October 2002, rejected (on the basis of biased and unfair referee reports in my view) on 21 February 2003; re-estimations suspended.

"A Graphical Depiction of Hicksian Partial-Equilibrium Welfare Analysis"—submitted for publication in the *Canadian Journal of Economics* on 16 August 2003, rejected in September 2003; submitted for publication in *Economic Theory* on 2 June 2004, rejected on 21 February 2005; submitted for publication in the *International Journal of Economic Theory* on 23 May 2005, rejected on 1 July 2005; submitted for publication in The B.E. Journals in Economic Analysis & Policy on 7 July 2005, rejected on 10 August 2005.

"Two Birds, One Stone: A Proposal for Reforming the Canadian Senate and Electoral System"—research and outline suspended.

"Comment on 'Comparing Price Levels across Countries using Minimum Spanning Trees' by Robert J. Hill"—submitted for publication in the *Review of Economics and Statistics* on 31 August 2000, rejected (on the basis of biased and unfair referee reports in my view) on 29 May 2001.

"Extended Microeconomic Foundations for the Theory of International Comparisons"—research and outline suspended.

F. ACADEMIC RESPONSIBILITIES (TEACHING)

1. Undergraduate Courses Taught

FYSM 1003 (formerly 01.103) "First-Year Seminar in Economics": 2019–2020, 2018–2019, 2017–2018, 2007, 2006, 2004–2005, 2003–2004, 2001–2002, 2000–2001, 1999–2000, 1998–1999—4 hours/week (3 or 2½ hours lectures, 1 or 1½ hours seminar/tutorial) after 2019 Winter and before 2017 Fall, 3 hours/week in between;

- use of small-group seminar presentations integrated with individual short essays to help students develop research, writing, and oratory skills;
- use of participatory classroom experiments (with discussions before, during, and after) to get students to use economics to think about the world around them;

- use of personal Web site and later WebCT and still later cuLearn (Moodle) to support the delivery of course content and to facilitate online testing, essay submission, and discussions of problem-solving-type exercises.

ECON 1000 (formerly 43.100) "Introduction to Economics" (first half): 1997, 1996, 1995—innovative use of CHAT newsgroups to involve students in general discussions about economics and to help them develop writing skills.

ECON 2003 (formerly 43.203) "Intermediate Microeconomics II": 1997, 1996.

ECON 4020 (formerly ECON 4200, formerly 43.420) "Advanced Microeconomic Theory": 2020 Winter, 2019 Fall, 2019 Winter, 2018 Fall, 2018 Winter, 2017 Fall, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2001, 2000, 1999, 1998, 1997, 1996—4½ hours/week (3 hours lectures, 1½ hours tutorial) in 2003 through 2015 (Fall terms), 3 hours/week thereafter;

- regular use of individual presentations and class discussions thereof to help students develop and refine problem-solving skills;
- use of WebCT and later cuLearn (Moodle) to support the delivery of course content and to facilitate online testing and discussions of problem-solving-type exercises.

ECON 4601 (formerly 43.461) "International Trade Theory and Policy": 1995.

ECON 4903 (formerly 43.493) "Tutorial in Economics: Project Evaluation": 1999—1 student.

2. Graduate Courses Taught

ECON 5407/4407 (formerly 43.547/447) "Project Evaluation": 2002, 2001, 2000—3 hours/week.

ECON 5407 (formerly 43.547) "Project Evaluation": 1999, 1998, 1997, 1996.

ECON 5904 (formerly 43.507) "Directed Readings in Game Theory": 1998—1 student (Ron Leung).

ECON 5904 (formerly 43.507) "Directed Readings in Project Evaluation": 2000—1 student (Elaine Jetté).

ECON 5906 (formerly 43.509) "Directed Research on the Measurement of Financial Services": 2011—1 student (Lucy Opsitnik).

ECON 5906 (formerly 43.509) “Directed Research in International Comparisons”: 1998—1 student (Ron Leung).

ECON 6020 (formerly ECON 6000, formerly 43.600) “Economic Theory: Microeconomics”: 1998.

3. Supervisions

a) Completed

M.A. Thesis, Briana Brownell, “Optimal Intertemporal Pricing Strategies for Firms Introducing New Products,” January 2013 to January 2014.

b) In Progress

None.

4. Other Academic Responsibilities

Advisor for aspects of Ph.D. Thesis, Sarah Mohan, 1st paper: “Private Sector Quality Standards and Producer Risk in Agricultural Trade: A Framework for Analysis of Development Implications,” March 2015 to June 2016.

Advisor for aspects of Ph.D. Thesis, Derek Olmstead, “Regulatory Intervention Approaches in the Electricity Market,” December 2009 to August 2012—completed.

Committee Member for Ph.D. Thesis, Ana Yanes, “Government, Not-for-Profit, and For-Profit Sectors in Canadian International Aid,” December 2004 to May 2006—completed.

Committee Member for Ph.D. Thesis, Sean Cahill, “Canadian Food Processing Industry: Public Infrastructure, Input Efficiency and Productivity Growth,” June 2003 to April 2004—completed.

External Examiner for Ph.D. Thesis at University of Ottawa, Amornrat Apinunmahakul, “Three Essays on the Private Provision of Pure Public Goods,” April to June 2001.

Advisor for aspects of Ph.D. Thesis, Ying Kong, “Prices and Pricing in Imperfectly Competitive Markets,” January 1998 to September 2000—completed.

Coordinator, Ph.D. Comprehensive Examination Board, Microeconomic Theory: May 1998, August 1997.

Member, Ph.D. Comprehensive Examination Board, Microeconomic Theory: November 2013, August 2013, June 2013, September 2012, June 2012, September 2011, June 2011, September 2010, June 2010, August 2009, May 2009, September 2008, June 2008, August 2007, June 2007, August 2006, June 2006, August 2005, August 2004, May 2004, August 2003, May 2002, August 2001, May 2001, August 2000, May 2000, August 1999, May 1999, May 1997, August 1996.

G. ADMINISTRATIVE RESPONSIBILITIES (INCLUDING COMMITTEE WORK)

Economics Representative, Global Development Management Committee, July 2017 to present, February 2016 to June 2016.

Champion/Coordinator, (prospective and then approved) B.G.In.S. Honours specializations/streams in "Global Development" and "International Economic Policy," June 2013 to April 2015.

Member, Carleton Data Science Initiative Steering Committee, May 2013 to March 2015.

Member, FASS-FPA Committee on the prospective Bachelor of Global and International Studies (B.G.In.S.) degree, January to October 2013.

Leader, Program Review Team, Cyclical Program Review of the Bachelor's Programs in Economics, September 2012 to June 2016.

Project Leader, Organization Review (leading ultimately to a significant re-organization of administrative staff), Department of Economics, May 2012 to October 2014.

Member, FPA Staff Training Committee, January to May 2012.

Acting M.A. Supervisor, Department of Economics, 2 March 2011 to 14 March 2011.

Member, FPA Working Group on Global Studies, November 2010 to May 2012.

Member, Nicol Challenge Advisory Panel, October 2010 to March 2011.

Member, Working Group on International Recruitment, September 2010 to June 2011.

Member, FPA Decanal Search Committee, January 2010 to January 2011.

Member, FPA Student Success Committee, January to April 2009.

Chair, Management Board, Centre for Monetary and Financial Economics (CMFE), November 2008 to June 2016.

Member, Advisory Committee on the Appointment of a Dean of Public Affairs, May to December 2008.

Member, FPA Working Group on Academic Planning and Policy Studies, March and April 2008.

Chair, Department of Economics, 1 July 2007 to 30 June 2016.

FPA Representative, Senate Academic Planning Committee, March to June 2007.

Acting Chair, Department of Economics (for a total of 9½ weeks): 28 May 2007 to 2 June 2007, 14 March 2007 to 15 April 2007 (called a Departmental Meeting on the 27th and then chaired it on the 4th), 29 August 2006 to 26 September 2006 (attended the FPA C&Ds Retreat in Wakefield on the 31st; negotiated final UPR Action Plan with Dean Graham).

Co-op Faculty Advisor, September 2006 to 30 June 2007.

Member, Senate Committee on Student Awards, June 2006 to October 2007.

Chair, Departmental Task Force for Undergraduate Program Review (UPR), September 2005 to April 2007.

Undergraduate Supervisor, Department of Economics, 1 July 2005 to 30 June 2007.

- Undergraduate Curriculum Renewal (Propositions 26–32, 33–43, 44);

Course Coordinator, FYSM 1608 "Selected Topics in Economics," March 2005 to June 2007.

Faculty Liaison, Honours Economics Society, December 2004 to June 2007.

Chair, Departmental Undergraduate (Curriculum) Committee, September 2004 to June 2016.

Departmental Representative, FASS Faculty Board, September 2004 to June 2007.

Departmental Representative, Joint Academic Planning and Curriculum Committee, September 2004 to June 2005.

Departmental Representative, PAM/PA Faculty Board, September 2004 to June 2007.

Departmental Representative, PAM/PA Academic Planning and Curriculum Committee, September 2004 to June 2007.

Departmental WebCT Advisor, June 2004 to June 2007.

Member, PAM B.A. Review Committee, February 2004 to June 2005.

Faculty Liaison, Carleton Economics Society, September 2003 to December 2004.

Honours Supervisor, Department of Economics, 1 July 2003 to 30 June 2005.

- "waiver borrowing" scheme with respect to core advanced-level courses (extended to all courses upon the implementation of Banner prerequisite checking in September 2004);
- Undergraduate Curriculum Renewal (Propositions 1–19, 20–25);
- Departmental WebCT initiative;
- Honours Economics Society initiative.

Economics Coordinator/Mentor, Carleton University B.Com. program with a Concentration in International Business offered through the Kohinoor Business School (KBS) in Khandala, India, June 2003 to January 2009.

Member, Departmental Promotions and Tenure Committee, September 2001 to June 2002.

Course Coordinator, FYSM 1003 (formerly 01.103) "First-Year Seminar in Economics": July 2003 to April 2005, August 2001 to June 2002.

Departmental Representative, Arthur Kroeger College Council, July 2000 to August 2001.

Member, Joint Committee on Admissions and Studies, July 2000 to June 2002.

Member, Departmental Promotions Committee, July 1999 to July 2000.

Departmental Computer Representative, July 1998 to July 1999.

Member, Departmental Undergraduate (Curriculum) Committee: July 2019 to present, July 2017 to June 2018, July 2003 to September 2004, August 2001 to June 2002, April–June 1997.

H. OTHER

International Comparisons Database (constructed and maintained to support "Multilateral Approaches to the Theory of International Comparisons" project):

- ICP basic-heading PPPs and national expenditures for the benchmark years 1970, 1975, 1980, 1985;
- OECD basic-heading PPPs and national expenditures for the benchmark years 1980, 1985, 1990, 1993, 1996, 1999;
- detailed prices for Canada for the benchmark years 1990, 1993, 1996, 1999; demographic component: number of households (1950–2005), population (1948–1997);
- labour component: annual hours worked per person employed (1950, 1960, 1973, 1979–2001), civilian employment (1950, 1960–2001), earnings per hour (1969–2000).

Sabbaticals: 1 July 2016 to 30 June 2017, 1 July 2002 to 30 June 2003.

Louis-Philippe Beland

Carleton University
Department of Economics
Loeb Building
1125 Colonel By Drive
Ottawa, ON, K1S 5B6

Email: lpbeland.edu@gmail.com
Homepage: www.lpbeland.com
Citizenship: Canadian
Languages: English, French

Academic Position

July 2019 - Present: Assistant Professor at Carleton University, Canada
August 2014 - June 2019: Assistant Professor at Louisiana State University (LSU), USA

Research Areas

Public, Labour, Education and Environmental Economics.

Education

2009–2014: Ph.D in Economics, University of Montréal (UdeM), Canada.
2013 (spring and fall): Visiting student researcher: CLE & IRLE, University of California - Berkeley, USA.
2007–2008: M.A. in Economics, University of British Columbia (UBC), Canada.
2004–2007: B.B.A. Applied Economics, HEC Montréal, Canada.

Professional Experience

2008-2009: Policy Analyst, Center for Globalization Studies, The Fraser Institute, Vancouver, Canada.

Research

Publications

-"Environmental Disaster, Pollution and Infant Health: Evidence From The Deepwater Horizon Oil Spill", (w/ Sara Oloomi), **Journal of Environmental Economics and Management**, Vol 98, 2019.

-"Politics and Entrepreneurship in the U.S", (w/ Bulent Unel), **Canadian Journal of Economics**, 52(1), 2019, 33-57.

-"Traffic and Crime", (w/ Daniel A. Brent), **Journal of Public Economics**, 160, 2018, Pages 96-116.

-"Governors' Party Affiliation and Unions", (w/ Bulent Unel), **Industrial Relations: A Journal of Economy and Society**, 57 (2), 2018, 177-205.

- "Party Affiliation of U.S. Governors on Immigrants' Labor-Market", (w/ Bulent Unel), **Journal of Population Economics**, 2018, 31:(2), 627-670.

-"Party Affiliation and Public Spending", (w/ Sara Oloomi), **Economic Inquiry**, 2017, 55 (2), 982-995.

-"Ill communication: Technology, Distraction and Student Performance", (w/ Richard Murphy), **Labour Economics**, 2016, 41: 61-76.

-"The Effect of High School Shootings on Schools and Student Performance", (w/ Dongwoo Kim), **Educational Evaluation and Policy Analysis**, 2016, 38 (1): 113-126.

-"Polluting Politics", (w/ Vincent Boucher). **Economics Letters**, 2015, 137: 176-181.

-"Political Parties & Labor Market Outcomes. Evidence from U.S. States", **American Economic Journal: Applied Economics**, 2015, 7(4): 198-220.

Other Publications

-"Political Parties and Economic Outcomes. A Review.", **CESifo DICE Report**, 1/2016 (March): 47-54.

Working Papers

-"Career Counseling and Youth Crime. Evidence from Career Compass in Louisiana"(w/ Stephen Barnes and Swarup Joshi), (R&R at **American Economic Journal: Economic Policy**).

-"Traffic Congestion, Transportation Policies, and the Performance of First Responders "(w/ Daniel A. Brent) (R&R at **Journal of Environmental Economics and Management**).

Seminars and Conferences Presentations

2020: Texas Christian University (scheduled).
2019: Carleton University, University of Alberta, Laval University, Australian Education Counsil - Government of Australia, Australian National University-Crawford School of Public Policy, Applied Microeconomics day at CIQSS.
2018: Association for Public Policy Analysis and Management, Allied Social Science Associations, University of Montreal, Canadian Economic Association, National Tax Association.
2017: Association for Public Policy Analysis and Management, Southern Economic Association.
2016: Laval University, Southern Economic Association, Association for Public Policy Analysis and Management.
2015: Association for Education Finance and Policy, Society of Labor Economics, Virginia Tech, Southern Economic Association Conference.
2014: Society of Labor Economics, Association for Public Policy Analysis and Management, University of Buffalo, Louisiana State University.
2013: Association for Public Policy Analysis and Management, Labor Lunch - UC Berkeley, EconCon 2013, University of Montréal, Société Canadienne Sciences Économiques, Canadian Labour Market and Skills Researcher Network & Canadian Economic Association, Society of Labor Economics, CIREQ Ph.D Conference, Eastern Economic Association, IRLE - UC Berkeley.

Referee/Review Services

American Economic Review, Canadian Journal of Economics, Economics of Education Review, Economic Inquiry, Economics Letters, Economics of Governance, Empirical Economics, Energy Economics, Health Economics, Industrial Relations: A Journal of Economy and Society, Journal of the Association of Environmental and Resource Economists, Journal of Economic Behavior & Organization, Jounral of Economic Issues, Journal of Health Economics, Journal of Labor Research, Journal of Population Economics, Journal of Public Economics, Journal of Urban Economics, National Science Foundation Economics Program, Public Finance Review, Southern Economic Journal.

Teaching Experience

Labour Economics ECON 5632, PH.D level (Carleton, Fall 2019)
Intermediate Microeconomics ECON 2030 (Carleton, Fall 2019)
Advanced Microeconomics 1 ECN7702, Ph.D Level (LSU, Fall 2014-2018)
Labor Economics ECN7755, Ph.D level (LSU, Fall 2018)
Intermediate Microeconomics ECN4720, undergraduate (LSU, Fall 2017 & 2018)
Principles of Microeconomics ECN2000, undergraduate (LSU, 2015-2018)
Public Economics ECN4900, undergraduate (LSU, Spring 2017)
Principle of Economics ECN1000, undergraduate (UdeM, 2012 & 2014)

Fellowships and Awards

2019: Carleton Startup Grant
2018 - 2019: Thomas J. Singletary Business Partnership Professorship, LSU
2018: Outstanding Teaching Award, Undegraduate Category, Dept. of Economics, LSU
2017: Council on Research Summer Stipend Award, LSU.
2014: ORED Junior Faculty Travel Grant, LSU.

Selected Media Coverage of Papers

"Political Parties & Labor Market Outcomes. Evidence from U.S. States"
LSE-USAPP Blog, Work In Progress.

"The Effect of High School Shootings on Schools and Student Performance", (w/ Don Kim).
The Conversation, The Advocate, The Wall Street Journal, Voice Of America Blog, The Academic Minute, Huffington Post, The Daily Beast, The Washington Post, Labour Market Matters (Canada), La Conversation (France), Liberation (France), Huffington Post (France), Folha De S. Paulo (Brazil).

"Ill communication: Technology, Distraction and Student Performance" , (w/ Richard Murphy).
CNN, CBS News, The Conversation, Time Magazine, The Wall Street Journal, The Washington Post, Hufftington Post, Forbes, Boston Globe, NY Magazine, The Atlantic, World Economic Forum, Education Week, The Guardian (UK), The Observer (UK), BBC News (UK), CBC News (Canada), Journal de Montreal (Canada), La Presse (Canada), The Globe and Mail (Canada), The Star (Canada), Radio-Canada (Canada), El Manana (Mexico), The Sydney Morning Herald (Australia), Herald Sun (Australia), The New Zealand Herald (NZ), Die Welt (Germany), Süddeutsche Zeitung (Germany), El Mundo (Spain), Marie Claire Mag (France), BFMTV (France), Europe1 (France), LeMonde (France), Publico (Portugal), Corriere della Sera (Italia), La Stampa (Italia), Göteborgs-Posten (Sweden), Svenska Dagbladet (Sweden), El Ancasti (Argentina), El Espectator (Columbia), Teletica (Costa Rica), Folha de S. Paulo (Brazil), The Times of India (India).

"Polluting Politics", (with Vincent Boucher).
Pacific Standard Magazine

"Traffic and Crime", (with Danny Brent).
The Conversation, Salon, Scientific American, KCRW-Los Angeles, The New York Times - TheUpshot, BBC-5live (UK), Hindustan Times (India), National Geographic (Indonesia), Spektrum der Wissenschaft (Germany).

Ph.D Students Supervision

Derek Mikola (coadvisor, in progress)
Haowei Tang (commitee member, in progress)
Yufan Hu (committe member, in progress)
Taylor Wright (commitee member, in progress)
Swarup Joshi (coadvisor, completed - Assistant Professor at Loyola Marymount University, Los Angeles)
Sara Oloomi (advisor, completed - Senior Quantitative Analyst at Citizen Bank, Boston)
Jhacova William (commitee member, completed)
Bahadır Dursun (committee member, completed)
Chandan Jha (committee member, completed)

Other

-Coorganiser of the Ottawa Applied Microeconomics Lab
-Scientific commitee of the 60th Societe canadienne de science economique (SCSE) Conference, 2020.
-Advisor for the Econ/ITF Club at LSU, 2015-2019.
-Undergraduate honor thesis supervised at LSU: Chase Lindsey, Yen T Tang, and Andreas C. Huang.

CURRICULUM VITAE

Richard A. Brecher

February 2020

NAME: Richard Alan Brecher

DEPARTMENT: Economics

TELEPHONE: 613-520-2600, extension 3765

EDUCATION

Ph.D., Economics, Harvard University, 1971; thesis entitled *Minimum Wage Rates and the Pure Theory of International Trade*.
M.A., Economics, Harvard University, 1970.
B.A. (with first class honours), Economics and Anthropology, McGill University, 1967.

CAREER

Academic Appointments

Professor, Department of Economics, Carleton University, 1981-.
Visiting Scholar, Department of Economics, Columbia University, 1981-1982.
Associate Professor, Department of Economics, Carleton University, 1977-1981.
Assistant Professor, Department of Economics, Yale University, 1971-1977.
Member of research staff, Economic Growth Center, Yale University, 1971-1977.
Academic Visitor, Department of Economics, London School of Economics and Political Science, 1974-1975.
Visitor, Nuffield College, University of Oxford, 1974-1975.

Other Experience

International Programmes Division, Department of Finance, Government of Canada, Summer 1967.

PROFESSIONAL HONOURS

"Special Issue in Honor of Richard A. Brecher", edited by Zhiqi Chen, *Frontiers of Economics in China*, Vol. 13, Issue 1, March 2018.
Entry in Mark Blaug (editor), *Who's Who in Economics: A Bibliographic Dictionary of Major Economists 1700-1986*, second edition (Cambridge, Massachusetts: MIT Press), 1986, pp. 116-117; entry updated in third edition (Cheltenham, UK: Edward

Elgar Publishing Limited), 1999, p. 155.

Leave Fellowship, Social Sciences and Humanities Research Council of Canada, 1981-1982.

Research Fellowship, Canada Council, 1974-75.

SCHOLARLY PUBLICATIONS

Articles in Refereed Journals

"Unemployment and Income-Distribution Effects of Economic Growth: A Minimum-Wage Analysis with Optimal Saving" (co-authored with Till Gross), *International Journal of Economic Theory*, advance online publication (before inclusion in an issue), 17 September 2018, doi:10.1111/ijet.12197.

"A Minimum-Wage Model of Unemployment and Growth: The Case of a Backward-Bending Demand Curve for Labor" (co-authored with Till Gross), *International Journal of Economic Theory*, Vol. 15, No. 3, September 2019, pp. 297-309

"Employment Gains from Minimum-Wage Hikes under Perfect Competition: A Simple General-Equilibrium Analysis" (co-authored with Till Gross), *Review of International Economics*, Vol. 26, Issue 1, February 2018, pp. 165-170.

"Unemployment and Welfare Consequences of International Outsourcing under Monopolistic Competition" (co-authored with Zhiqi Chen), *Canadian Journal of Economics*, Vol. 47, No. 2, May 2014, pp. 540-554.

"The Trouble with Offshoring: Static and Dynamic Losses in the Presence of Unemployment" (co-authored with Zhiqi Chen and Zhihao Yu), *The World Economy*, Vol. 36, Issue 1, January 2013, pp. 1-11.

"Unemployment of Skilled and Unskilled Labor in an Open Economy: International Trade, Migration, and Outsourcing" (co-authored with Zhiqi Chen), Review of International Economics, Vol. 18, Issue 5, November 2010, pp. 990-1000.

"A Dynamic Model of Shirking and Unemployment: Private Saving, Public Debt, and Optimal Taxation" (co-authored with Zhiqi Chen and Ehsan U. Choudhri), *Journal Economic Dynamics and Control*, Vol. 34, Issue 8, August 2010, pp. 1392-1402.

"Dynamic Stability in a Two-Country Model of Optimal Growth and International Trade" (co-authored with Zhiqi Chen and Ehsan U. Choudhri), *Journal of Economic Dynamics and Control*, Vol 29, Issue 3, March 2005, pp. 583-594.

"Absolute and Comparative Advantage, Reconsidered: The Pattern of International Trade with Optimal Saving" (co-authored with Zhiqi Chen and Ehsan U. Choudhri), *Review of International Economics*, Vol. 10, Issue 4, November 2002, pp. 645-656.

"Unemployment and Growth in the Long Run: An Efficiency-Wage Model with Optimal Savings" (co-authored with Zhiqi Chen and Ehsan U. Choudhri), *International Economic Review*, Vol. 43, No. 3, August 2002, pp. 875-894.

"International Spillovers of Knowledge and Sectoral Productivity Growth: Some

Evidence for Canada and the United States" (co-authored with Ehsan U. Choudhri and Lawrence L. Schembri), *Journal of International Economics*, Vol. 40, Nos. 3/4, May 1996, pp. 299-321.

"Pareto Gains from Trade, Reconsidered: Compensating for Jobs Lost" (co-authored with Ehsan U. Choudhri), *Journal of International Economics*, Vol. 36, No. 3/4, May 1994, pp. 223-238.

"Some Empirical Support for the Heckscher-Ohlin Model of Production" (co-authored with Ehsan U. Choudhri), *Canadian Journal of Economics*, Vol. 26, No. 2, May 1993, pp. 272-285.

"An Efficiency-Wage Model with Explicit Monitoring: Unemployment and Welfare in an Open Economy", *Journal of International Economics*, Vol. 32, No. 1/2, February 1992, pp. 179-191.

"Gains from International Factor Movements without Lump-sum Compensation: Taxation by Location versus Nationality" (co-authored with Ehsan U. Choudhri), *Canadian Journal of Economics*, Vol. 23, No. 1, February 1990, pp. 44-59.

"Trade Unions in an Open Economy: A General Equilibrium Analysis" (co-authored with Ngo Van Long), *Economic Record*, Vol. 65, No. 190, September 1989, pp. 234-239.

"International Migration versus Foreign Investment in the Presence of Unemployment" (co-authored with Ehsan U. Choudhri), *Journal of International Economics*, Vol. 23, No. 3/4, November 1987, pp. 329-342.

"Quid Pro Quo Foreign Investment and Welfare: A Political-Economy-Theoretic Model" (co-authored with Jagdish N. Bhagwati, Elias Dinopoulos and T.N. Srinivasan), *Journal of Development Economics*, Vol. 27, Nos. 1-2, October 1987, pp. 127-138; reprinted in P. Bardhan, A. Fishlow and J. Behrman (eds.), *International Trade, Investment, Macro Policies and History: Essays in Memory of Carlos F. Diaz-Alejandro* (Amsterdam, The Netherlands: Elsevier Science Publishers B.V.), 1987.

"The Global Correspondence Principle: A Generalization" (co-authored with Jagdish N. Bhagwati and Tatsuo Hatta), *American Economic Review*, Vol. 77, No. 1, March 1987, pp. 124-132.

"The Generalized Theory of Transfers and Welfare: Exogenous (Policy-Imposed) and Endogenous (Transfer-Induced) Distortions" (co-authored with Jagdish N. Bhagwati and Tatsuo Hatta), *Quarterly Journal of Economics*, Vol. 100, No. 3, August 1985, pp. 697-714.

"The Paradoxes of Immiserizing Growth and Donor-Enriching (Recipient-Immiserizing) Transfers: A Tale of Two Literatures" (co-authored with Jagdish N. Bhagwati and Tatsuo Hatta), *Weltwirtschaftliches Archiv*, Band 120, Heft 2, 1984, pp. 228-242.

"New Products and the Factor Content of International Trade" (co-authored with Ehsan U. Choudhri), *Journal of Political Economy*, Vol. 92, No. 5, October 1984, pp. 965-971.

"DUP Activities and Economic Theory" (co-authored with Jagdish N. Bhagwati and

T.N. Srinivasan), *European Economic Review*, Vol. 24, No. 3, April 1984, pp. 291-307; another version appears in David C. Colander (editor), *Neoclassical Political Economy: The Analysis of Rent-Seeking and DUP Activities* (Cambridge, Massachusetts: Ballinger Publishing Company), 1984; reprinted in Jagdish N. Bhagwati (editor), *International Trade: Selected Readings* (Cambridge, Massachusetts: MIT Press), second edition, 1987.

"The Generalized Theory of Transfers and Welfare: Bilateral Transfers in a Multilateral World" (co-authored with Jagdish N. Bhagwati and Tatsuo Hatta), *American Economic Review*, Vol. 73, No. 4, September 1983, pp. 606-618; reprinted in Jagdish N. Bhagwati (editor), *International Trade: Selected Readings* (Cambridge, Massachusetts: MIT Press), second edition, 1987; also reprinted in Bharat Hazari and Yin-Wong Cheung (editors), *International Trade: Critical Concepts in Economics* (Abingdon, Oxon; New York, NY: Routledge), Volume III, 2015.

"International Trade and Capital Mobility between Diversified Economies" (co-authored with Robert C. Feenstra), *Journal of International Economics*, Vol. 14, No. 3/4, May 1983, pp. 321-339.

"Second-Best Policy for International Trade and Investment", *Journal of International Economics*, Vol. 14, No. 3/4, May 1983, pp. 313-320.

"Tariffs, Foreign Capital and National Welfare with Sector-Specific Factors" (co-authored with Ronald Findlay), *Journal of International Economics*, Vol. 14, No. 3/4, May 1983, pp. 277-288.

"Immiserizing Transfers from Abroad" (co-authored with Jagdish N. Bhagwati), *Journal of International Economics*, Vol. 13, No. 3/4, November 1982, pp. 353-364; reprinted in Jagdish N. Bhagwati, *International Factor Mobility*, Volume 2 of his *Essays in International Economic Theory*, edited by Robert C. Feenstra (Cambridge, Massachusetts: MIT Press), 1983.

“Optimal Policy in the Presence of Licensed Technology from Abroad", *Journal of Political Economy*, Vol. 90, No. 5, October 1982, pp. 1070-1078.

"The Leontief Paradox, Continued" (co-authored with Ehsan U. Choudhri), *Journal of Political Economy*, Vol. 90, No. 4, August 1982, pp. 820-823.

"The Factor Content of International Trade without Factor-Price Equalization" (co-authored with Ehsan U. Choudhri), *Journal of International Economics*, Vol. 12, No. 3/4, May 1982, pp. 277-283.

"Immiserizing Investment from Abroad: The Singer-Prebisch Thesis Reconsidered" (co-authored with Ehsan U. Choudhri), *Quarterly Journal of Economics*, Vol. 97, No. 1, February 1982, pp. 181-190.

"Foreign Ownership and the Theory of Trade and Welfare" (co-authored with Jagdish N. Bhagwati), *Journal of Political Economy*, Vol. 89, No. 3, June 1981, pp. 497-511; reprinted in Jagdish N. Bhagwati, *International Factor Mobility*, Volume 2 of his *Essays in International Economic Theory*, edited by Robert C. Feenstra (Cambridge, Massachusetts: MIT Press), 1983; also reprinted in Jagdish Bhagwati, Pravin Krishna and Arvind Panagariya

(editors), *Trading Blocs: Alternative Approaches to Analyzing Preferential Trading Arrangements* (Cambridge, Massachusetts: MIT Press), 1999; also reprinted in Bharat Hazari and Yin-Wong Cheung (editors), *International Trade: Critical Concepts in Economics* (Abingdon, Oxon; New York, NY: Routledge), Volume II, 2015.

"National Welfare in an Open Economy in the Presence of Foreign-Owned Factors of Production" (co-authored with Jagdish N. Bhagwati), *Journal of International Economics*, Vol. 10, No. 1, February 1980, pp. 103-115; reprinted in Jagdish N. Bhagwati (editor), *International Trade: Selected Readings* (Cambridge, Massachusetts: MIT Press), 1981; also reprinted in Jagdish N. Bhagwati, *International Factor Mobility*, Volume 2 of his *Essays in International Economic Theory*, edited by Robert C. Feenstra (Cambridge, Massachusetts: MIT Press), 1983.

"Increased Unemployment from Capital Accumulation in a Minimum-Wage Model of an Open Economy", *Canadian Journal of Economics*, Vol. 13, No. 1, February 1980, pp. 152-158.

"Stagflation in an Open Economy" (co-authored with Christopher J. Heady), *Oxford Economic Papers*, New Series, Vol. 31, No. 2, July 1979, pp. 165-176.

"Money, Employment, and Trade-Balance Adjustment with Rigid Wages", *Oxford Economic Papers*, New Series, Vol. 30, No. 1, March 1978, pp. 1-15.

"Time Structure of Production and the Theory of International Trade" (co-authored with Ian C. Parker), *Journal of International Economics*, Vol. 7, No. 4, November 1977, pp. 385-402.

"Tariffs, Foreign Capital and Immiserizing Growth" (co-authored with Carlos F. Diaz Alejandro), *Journal of International Economics*, Vol. 7, No. 4, November 1977, pp. 317-322; reprinted in Jagdish N. Bhagwati (editor), *International Trade: Selected Readings* (Cambridge, Massachusetts: MIT Press), 1981 and second edition, 1987; also reprinted in Andrés Velasco (editor), *Trade, Development and the World Economy: Selected Essays of Carlos F. Diaz-Alejandro* (Oxford, England: Basil Blackwell), 1988, pp. 43-48.

"Optimal Commercial Policy for a Minimum-Wage Economy", *Journal of International Economics*, Vol. 4, No. 2, May 1974, pp. 139-149; reprinted in Jagdish N. Bhagwati (editor), *International Trade: Selected Readings* (Cambridge, Massachusetts: MIT Press), 1981.

"Minimum Wage Rates and the Pure Theory of International Trade", *Quarterly Journal of Economics*, Vol. 88, No. 1, February 1974, pp. 98-116; reprinted in Bharat Hazari and Yin-Wong Cheung (editors), *International Trade: Critical Concepts in Economics* (Abingdon, Oxon; New York, NY: Routledge), Volume III, 2015.

Chapters in Edited Books

"Liberalizing Multinational Investment: The Stolper-Samuelson Question Revisited"

(co-authored with Ehsan U. Choudhri), in Robert C. Feenstra, Gene M. Grossman and Douglas A. Irwin (editors), *The Political Economy of Trade Policy: Papers in Honor of Jagdish Bhagwati* (Cambridge, Massachusetts: MIT Press), 1996, pp. 77-88.

"Incurable Unemployment in a Minimum-Wage Model of an Open Economy", in Horst Herberg and Ngo Van Long (editors), *Trade, Welfare, and Economic Policies: Essays in Honor of Murray C. Kemp* (Ann Arbor: University of Michigan Press), 1993, pp. 193-202.

"Policy-Induced Inflows of Foreign Capital in the Presence of Rigid-Wage Unemployment", in Guillermo Calvo, Ronald Findlay, Pentti Kouri and Jorge Braga de Macedo (editors), *Debt, Stabilization and Development: Essays in Memory of Carlos Diaz-Alejandro* (Oxford, England: Basil Blackwell), 1989, pp. 376-388.

"The Factor Content of Consumption in Canada and the United States: A Two-Country Test of the Heckscher-Ohlin-Vanek Model" (co-authored with Ehsan U. Choudhri), in Robert C. Feenstra (editor), *Empirical Methods for International Trade* (Cambridge, Massachusetts: MIT Press), 1988, pp. 5-17.

"Voluntary Export Restrictions versus Import Restrictions: A Welfare-Theoretic Comparison" (coauthored with Jagdish N. Bhagwati), in Henryk Kierzkowski (editor), *Protection and Competition in International Trade: Essays in Honor of W.M. Corden* (Oxford, England: Basil Blackwell), 1987, pp. 41-53.

"Extending Free Trade to Include International Investment: A Welfare-Theoretic Analysis" (co-authored with Jagdish N. Bhagwati), in Sanjaya Lall and Frances Stewart (editors), *Theory and Reality in Development: Essays in Honour of Paul Streeten* (London, England: The Macmillan Press Ltd.), 1986, pp. 115-121.

Comment in Edited Book

"Comment", in Jagdish N. Bhagwati (editor), *Import Competition and Response* (Chicago, Illinois: University of Chicago Press), 1982, pp. 234-238.

Non-Refereed Articles in Journals

"Cocoa, Employment and Capital in the Ghanaian Economy: A Theoretical and Empirical Analysis" (co-authored with Ian C. Parker), *Economic Bulletin of Ghana*, Second Series, Vol. 4, No. 3/4, 1974, pp. 3-34.

"Canada and Latin America: The Case for Canadian Involvement" (co-authored with Irving Brecher), *Queen's Quarterly*, Vol. 74, No. 3, Autumn 1967, pp. 462-471.

OTHER SCHOLARLY ACTIVITY

Editorial Responsibilities

Associate Editor, *Journal of International Economics*, 1995-97, 1981-1982.

Acting Editor, *Journal of International Economics*, 1995.
Editor, *Journal of International Economics*, 1983-1994.
Co-Editor, *Journal of International Economics*, 1982.
Invited Reader, *Quarterly Journal of Economics*, 1973-1978.

Research Grants

"Sources of Global Competitiveness" (co-investigated with Ehsan U. Choudhri and Lawrence L. Schembri), Social Sciences and Humanities Research Council of Canada, $64,980, 1996-1999.

"Trade Policy and Productivity Growth" (co-investigated with Ehsan U. Choudhri and Lawrence L. Schembri), Social Sciences and Humanities Research Council of Canada, $51,000, 1993-1996.

"Trade Policy and Industry Employment" (co-investigated with Ehsan U. Choudhri and Lawrence L. Schembri), Social Sciences and Humanities Research Council of Canada, $40,749, 1990-1992.

"Factor-Requirement Differences between Canada and the United States" (co-investigated with Ehsan U. Choudhri), Social Sciences and Humanities Research Council of Canada, $21,088, 1988-1989.

"The Factor Content of Canadian and U.S. Consumption" (co-investigated with Ehsan U. Choudhri), Social Sciences and Humanities Research Council of Canada, $17,454, 1986-1987.

Refereeing for Journals

Refereed for *American Economic Review*, *Canadian Journal of Economics*, *International Economic Review*, *Journal of International Economics*, *Journal of Political Economy*, *Journal of Public Economics*, *Quarterly Journal of Economics*, and *Review of International Economics*.

Working Papers

"Comment on Chamley's (1986) Optimal Taxation of Capital" (co-authored with Zhiqi Chen), 08 September 2006; *Carleton Economic Papers*, CEP 07-05.

Research in Progress

Unemployment effects of international trade with a low-wage country, in a minimum-wage model with sector-specific factors of production.

ACADEMIC RESPONSIBILITIES (TEACHING) AT CARLETON UNIVERSITY

Undergraduate Courses Taught

43.200, Intermediate Micro-Economic Analysis, 1978-1981.

ECON 2001, Introduction to Micro-Economic Theory and Analysis, 1977.
ECON 2002, Intermediate Microeconomics I, 2010, 2003-2008, 2001, 2000, 1996, 1982.
ECON 2003, Intermediate Microeconomics II, 2011, 2004-2009, 2002**,** 2001, 1997.
ECON 2020, Intermediate Microeconomics I: Producers and Market Structure, 2017-2019, 2011-2015.
ECON 2030, Intermediate Microeconomics II: Consumers and General Equilibrium, 2018-2020, 2012-2016.
ECON 3601, Introduction to International Trade, 1980.
ECON 4201, Macro-Economic Theory, 1978.
43.460, International Trade, 1979-1981.
ECON 4601, International Trade Theory and Policy, 2018-2020, 2015-2016, 2011-2013, 2004-2008, 2002**,** 1997-2000, 1982-1985.
ECON 4602, International Monetary Theory and Policy, 1983.

Graduate Courses Taught

ECON 5002, Advanced Macro-Theory, 1978-1979.
43.560, International Economic Theory and Policy, 1977-1979.
ECON 5601, International Trade: Theory and Policy, 2017-2019, 2014-2015, 2007-2012, 2003-2005, 2001, 1996-1999, 1991-1994, 1982-1987, 1980.
ECON 5602, International Monetary Theory and Policy, 1984, 1981.
ECON 5603,Topics in International Economics, 1990-1995, 1985-1988.
ECON 6000, Economic Theory I: Micro-Economics, 1978-1979.

Ph.D. Supervisions Completed

Ting Zhang, *International Outsourcing: An Open-Economy Model with Intermediate Goods and Economies of Scale*, 2008.
James P. Feehan, *Tariff Financing of Public Goods and Public Inputs*, 1989.
Mahmudul Anam, *Distortion-Triggered Lobbying and Welfare: A Contribution to the Theory of Directly-Unproductive Profit-Seeking Activities*, 1982.

Ph.D. Thesis Committee Memberships

Anderson Nzabandora, first Ph.D. thesis workshop on "Dynamic Optimal Fiscal Policy with International Trade", 27 August 2018.

Undergraduate Supervisions (for Honours Essay) Completed

Christopher J. Dick, *Determinants of International Trade in the Heckscher-Ohlin-Samuelson Model*, 2015.

ADMINISTRATIVE RESPONSIBILITIES AT CARLETON UNIVERSITY

Served in Department of Economics as: frequent member of Appointments Committee, Graduate Committee, Joint Ph.D. Committee, Promotions Committee and Tenure Committee; member of CDI Assessment Committee, Planning Committee and Review of Unit T&P Standards Committee; "Faculty-to-Faculty" Research Mentor; regular member and frequent coordinator of Comprehensive Examination Board for International Economics; coordinator for ECON 2002, ECON 2003 and International Economics Workshop; facilitator (for International Economics) of Departmental Workshop; and library representative.

Member of ad hoc Committee on Unit Standards, Department of Economics, 2013.

Member of ad hoc Committee on Promotions and Tenure, Department of Economics, 2006.

Supervisor of Ph.D. Studies, Department of Economics, 1997-2000.

Member of Faculty Tenure and Promotion Committee, Faculty of Public Affairs, 2015-2016 (for tenure, promotion, Research Achievement Awards and Teaching Achievement Awards), 2011-2012 (for Research Achievement Awards and Teaching Achievement Awards), 2008-2009 (for promotion), 2007-2008 (for tenure, confirmation, Research Achievement Awards and Teaching Achievement Awards), 2006-2007 (for promotion), 2004-2005 (for promotion and Chancellor's Professors), 2000-2001 (for tenure), 1999-2000 (for promotion, Research Achievement Awards and Teaching Achievement Awards).

Member of International Studies Sub-Committee, Arthur Kroeger College of Public Affairs, 2007-2008, 2006-2007, 2001-2002.

Member of Faculty Board of Graduate Studies and Research, 1997-2000.

Member of ad hoc Graduate Recruitment Committee reporting to the President, 1998.

Curriculum Vitae

ZHIQI CHEN

OFFICE ADDRESS
Department of Economics
Carleton University
Ottawa, Ontario
CANADA K1S 5B6
Voice: (613)520-2600 ext. 7456; Fax: (613)520-3906
E-mail: zhiqi.chen@carleton.ca

PRESENT POSITION

Full Professor, Department of Economics, Carleton University, Ottawa, Ontario, since 2002

EDUCATION

Ph.D. (Economics), University of Western Ontario, 1991
Title of Dissertation: *Economic Growth: Dynamic Interactions with International Trade and Global Environment*
M.A. (Economics), Carleton University, 1987
B.A. Honours (Economics), Nanjing University, China, 1985

PREVIOUS POSITIONS

Visiting Economist, Competition Bureau, Government of Canada, September 2011 - February 2012

Director, Ottawa-Carleton Joint Doctoral Program in Economics, 2001 - 2004

T.D. MacDonald Chair in Industrial Economics, Competition Bureau, Government of Canada, September 1998 - August 1999, and September 2004 - August 2005

Associate Professor (1996 - 2002) and Assistant Professor (1991-1996), Department of Economics, Carleton University

Director, Carleton Industrial Organization Research Unit, 1996 - 1998

Senior Fellow, Department of Economics, National University of Singapore, 1997 - 1998

AWARDS AND PROFESSIONAL HONOURS

Department of Economics Research Excellence Award, Carleton University, 2018

Listed in *Who's Who Legal: Competition*, since 2016

Listed in *Who's Who Legal: Consulting Experts*, since 2016

Listed in *Who's Who Legal: Canada*, since 2016

CES-Chow Teaching Fellowship, 2010

Listed in *Canadian Who's Who*, since 2001

Research Achievement Award, Carleton University, 2000 - 2001

PUBLICATIONS

Articles in Refereed Journals

"Buffer Strategic Alliances," joint with Thomas Ross, *International Journal of Industrial Organization*, accepted for publication

"Specific Investment, Supplier Vulnerability and Profit Risks," joint with Xiaoqiao Wang, *Journal of Business Finance and Accounting*, accepted for publication

"Trade and Labour Standards: Will There Be a Race to the Bottom?" joint with Afshan Dar-Brodeur, *Canadian Journal of Economics*, accepted for publication

"Supplier Innovation in the Presence of Buyer Power," *International Economic Review*, volume 60, issue 1 (February 2019), 329-353

"Horizontal Mergers in the Presence of Capacity Constraints," joint with Gang Li, *Economic Inquiry*, volume 56, issue 2 (April 2018), 1346–1356

"Short-Term and Long-Term Margins of International Trade: Evidence from the Canada-Chile Free Trade Agreement," joint with Marcel Voia, *Frontiers of Economics in China*, volume 13, issue 1 (March 2018), 93−115

"Do Merger Efficiencies Always Mitigate Price Increases?" joint with Gang Li, *Journal of Industrial Economics*, volume 66, issue 1 (March 2018), 95-125

"Product Market Competition and Innovation: What Can We Learn from Economic Theory?" *Frontiers of Economics in China*, volume 12, issue 3 (September 2017), 341-355

"Specific Investment and Supplier Vulnerability," joint with Xiaoqiao Wang, *Economics Letters*, volume 151 (February 2017), 16-18

"Border Effects Before and After 9/11: Panel Data Evidence across Industries," joint with Horatiu Rus and Anindya Sen, *World Economy*, volume 39, issue 10 (October 2016), 1456 - 1481 (lead article)

"Downstream Competition and the Effects of Buyer Power," joint with Hong Ding and

Zhiyang Liu, *Review of Industrial Organization,* volume 49, issue 1 (August 2016), 1 - 23 (lead article)

"Denying Leniency to Cartel Instigators: Costs and Benefits," joint with Subhadip Ghosh and Thomas W. Ross, *International Journal of Industrial Organization,* Volume 41 (July 2015) 19 - 29

"Product Line Rivalry and Firm Asymmetry," joint with Zhihong Chen, *Journal of Industrial Economics,* Volume 62, Issue 3 (September 2014), 417 - 435

"Venture Capital Networks and Investment Performance in China," joint with Zhiyang Liu, *Australian Economic Papers*, Volume 53, Issue 1-2 (June 2014), 97 - 111

"Unemployment and Welfare Consequences of International Outsourcing under Monopolistic Competition," joint with Richard Brecher, *Canadian Journal of Economics*, volume 47, Issue 2 (May 2014), 540 - 554

"Unemployment and Product Market Competition in a Cournot Model with Efficiency Wage," joint with Bo Zhao, *Canadian Journal of Economics*, volume 47, Issue 2 (May 2014), 555-579

"The Trouble with Offshoring: Static and Dynamic Losses in the Presence of Unemployment," joint with Richard Brecher and Zhihao Yu, *World Economy,* volume 36, Issue 1 (January 2013), 1 - 11 (lead article)

"Telephone Penetration and Economic Growth in the APEC Region: A Simultaneous Non-Linear GMM Approach," joint with Eng Kooi Lim, *Frontiers of Economics in China*, volume 7, Issue 3 (September 2012), 339 - 362

"The Impact of Trade Liberalization in Telecommunications Services: The Case of APEC Countries," joint with Eng Kooi Lim, *Telecommunications Policy*, volume 36 (May 2012), 274 - 281

"The Quiet Life of a Monopolist: The Efficiency Losses of Monopoly Reconsidered," joint with Jun Chen, *Frontiers of Economics in China*, volume 6, Issue 3 (September 2011), 389 - 412

"Unemployment of Skilled and Unskilled Labor in an Open Economy: International Trade, Migration and Outsourcing," joint with Richard Brecher, *Review of International Economics*, volume 18, Issue 5 (November 2010), 990 - 1000

"A Dynamic Model of Shirking and Unemployment: Private Saving, Public Debt and Optimal Taxation," joint with Richard Brecher and Ehsan Choudhri, *Journal of Economic Dynamics and Control*, volume 34, Issue 8 (August 2010), 1392 - 1402

"Credible Retaliatory Entry and Strategic Toe-Holds," joint with Thomas Ross, *Journal of Industrial Economics*, volume 57, Issue 2 (June 2009), 244 - 253

"Defining Buyer Power," *Antitrust Bulletin*, volume 53, No. 2 (Summer 2008), 241 - 250

"Markets Linked by Rising Marginal Costs: Implications for Multimarket Contact, Recoupment and Retaliatory Entry," joint with Thomas Ross, *Review of Industrial Organization*, volume 31 (2007): 1 – 21

"Buyer Power: Economic Theory and Antitrust Policy," *Research in Law and Economics: A Journal of Policy*, volume 22 (2007): 17 - 40

"Nuisance Suits and Contingent Attorney Fees," *Review of Law and Economics*, volume 2, issue 3 (October 2006), 363 - 370

"Dynamic Stability in a Two-Country Model of Optimal Growth and International Trade," joint with Richard A. Brecher, and Ehsan U. Choudhri, *Journal of Economic Dynamics and Control*, volume 29 (2005): 583 - 594

"An International Trade Model of Currency Crisis," *The Chinese Journal of Economic Theory*, volume 1 (2004): 36 - 44

"Price Dispersion in a Model of Identical Agents with Perfect Information," joint with Ying Kong, *Pacific Economic Review*, volume 9, No. 1 (February 2004), 29 - 44

"Dominant Retailers and the Countervailing Power Hypothesis," *RAND Journal of Economics*, volume 34, No. 4 (Winter 2003), 612 - 625

"A Theory of International Strategic Alliance," *Review of International Economics*, volume 11, November 2003, 758 - 769

"Cooperating Upstream while Competing Downstream: A Theory of Input Joint Ventures," joint with Thomas Ross, *International Journal of Industrial Organization*, volume 21 (2003), 381 - 397

"Absolute and Comparative Advantage, Reconsidered: The Pattern of International Trade with Optimal Saving," joint with Richard Brecher and Ehsan Choudhri, *Review of International Economics*, volume 10, November 2002, 645 - 656

"Unemployment and Growth in the Long-Run: An Efficiency-Wage Model with Optimal Savings," joint with Richard Brecher and Ehsan Choudhri, *International Economic Review*, volume 43, August 2002, 875 - 894

"A Cournot-Nash Model of Family Decision Making," joint with Frances Woolley, *Economic Journal*, volume 111, October 2001, 722 - 748

"Selective versus Universal Vouchers: Modelling Median Voter Preferences in Education," joint with Edwin West, *American Economic Review*, volume 90, December 2000, 1520 - 1534. Reprinted in L. Zhou, Z. Tao, D. Xie and M. Song eds., *Essays in Modern Economics*

Research in Honour of Professor Gregory Chow, Gelin Press, 2008

"Strategic Alliances, Shared Facilities and Entry Deterrence," joint with Thomas Ross, *RAND Journal of Economics*, volume 31, Summer 2000, 326 - 344

"Adoption of New Technology by a Lagging Country: Leapfrogging or No Leapfrogging?" *Pacific Economic Review*, volume 4, February 1999, 43 - 57

"A Theory of Tenure for the Teaching University," joint with Steve Ferris, *Australian Economic Papers,* volume 38, March 1999, 9 - 25

"Refusals to Deal and Orders to Supply in Competitive Markets," joint with Thomas Ross, *International Journal of Industrial Organization,* volume 17 (1999), 399 - 417

"International Comparisons of Biotechnology Policies," joint with Alison McDermott, *Journal of Consumer Policy*, volume 21, December 1998, 527 - 550. Reprinted in A. Mathias and B.M. Knoppers eds., *Biotechnology and the Consumer*, Kluwer Academic, 1999

"Orders to Supply as Substitutes for Commitments to Aftermarkets," joint with Thomas Ross, *Canadian Journal of Economics*, volume 31, November 1998, 1204 - 24

"Refusals to Deal and Aftermarkets," joint with Thomas Ross and William Stanbury, *Review of Industrial Organization*, volume 13, No. 1-2, April 1998, 131-51

"Can Economic Activities Lead to Climatic Chaos? An Economic Analysis on Global Warming," *Canadian Journal of Economics*, volume 30, No.2, May 1997, 349-66. Reprinted in J.B. Rosser, Jr and K. L. Kramer, Jr. eds., *Complexity in Economics,* volume 174 in the International Library of Critical Writings in Economics series, Edward Elgar Publishing, 2004

"Negotiating an Agreement on Global Warming: A Theoretical Analysis," *Journal of Environmental Economics and Management*, Volume 32, No.2, February 1997, 170-88. Reprinted in *The Economics of International Environmental Agreements*, edited by A.A. Batabyal, Ashgate Publishers, 1999

"New Technology, Subsidies, and Competitive Advantage," *Southern Economic Journal*, Volume 63, No. 1, July 1996, 124-39

"The Heckscher-Ohlin Theorem with Endogenous Labour Supply," *Bulletin of Economic Research*, volume 47, No.4, October 1995, 275-83

"How Low is a Guaranteed-Lowest-Price?" *Canadian Journal of Economics*, volume 28, No.3, August 1995, 683-701

"Why Are Extended Warranties So Expensive?" joint with Thomas Ross, *Economics Letters*, volume 45, No.2, June 1994, 253-257

"Refusal to Deal, Price Discrimination and Independent Service Organizations," joint with Thomas Ross, *Journal of Economics and Management Strategy*, volume 2, No.4, Winter 1993, 593-614

"Long-run Equilibria in a Dynamic Heckscher-Ohlin Model," *Canadian Journal of Economics*, Volume 25, No.4, November 1992, 923-43

Chapters in Books

"Recent Developments in Industrial Organization Theory," joint with Guofu Tan, in S. Song and Z. Pan (eds.), *The Frontier of Western Social Sciences and Humanities Research: Economics*, Chinese Renmin University Press, 2008

"Liberalization of Trade and Investment in Telecommunication Services: A Canadian Perspective," in R.G. Lipsey and A.O. Nakamura eds, *Services Industries and the Knowledge-Based Economy*, University of Calgary Press, 2006

"Measuring the Barriers to Trade in Services: Literature and Methodologies," joint with Lawrence Schembri, *Trade Policy Research* (published by Department of Foreign Affairs and International Trade, Government of Canada), 2002

Books

Industrial Organization in Canada: Empirical Evidence and Policy Challenges, Co-editor (with Marc Duhamel), McGill-Queen's University Press, 2011

OTHER SCHOLARLY OR PROFESSIONAL ACTIVITIES

Research Grants and Contracts

"Consumer Protection in the Age of Internet Commerce and Big Data," Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Grant, 2019 - 2024.

"Price Impact of Merger Efficiencies," FPA Research Productivity Bursary, Carleton University, 2016

"Measurement of Non-Tariff Barriers," for Department of Foreign Affairs and International Trade, Government of Canada, 2011 - 2012

"Barriers to Competition in Canada," for Industry Canada, Government of Canada, 2010 - 2012

"Capital Investment, Cooperative R&D, and Product Market Rivalry," Social Sciences and Humanities Research Council of Canada (SSHRC) strategic research grant, 2008 - 2011

"Product Market Competition in Chinese Industries," Social Sciences and Humanities Research Council of Canada (SSHRC) strategic development grant, 2009 - 2010

"Productive Inefficiency and Unemployment: The Efficiency Consequences of Monopoly Reconsidered," Social Sciences and Humanities Research Council of Canada (SSHRC) standard research grant, 2006 - 2009

"Rivalry, Market Structure, and Industrial Competitiveness: Issues and Evidence," for Industry Canada, Government of Canada, 2006

"The Consideration of Buyer Power and Cooperation among Competitors in Antitrust Analysis," for the Competition Bureau, Government of Canada, 2004 - 2005

"Slotting Allowances, Private Label Products, and Buyer Power," Social Sciences and Humanities Research Council of Canada (SSHRC) standard research grant, April 2002 - March 2005

"E-Commerce and Canada's Competition Policy," Social Sciences and Humanities Research Council of Canada (SSHRC) Initiative on the New Economy (INE) Development Grant, 2002 - 2003

"Competition among Firms: Prices and Qualities," Social Sciences and Humanities Research Council of Canada (SSHRC) standard research grant, April 1999 - March 2002

Director of Ottawa-Carleton Joint Program Research Grant, from the Office of Research Services, Carleton University, 2001 - 2004

"Price Guarantees and Tacit Collusion," research grant from the Vice President (Academic) and Dean of Faculty of Public Affairs and Management, Carleton University, 2001

"International Trade in Services," joint with Lawrence Schembri, for Department of Foreign Affairs and International Trade, Government of Canada, December 2000 - June 2001

"Impact of the North America Free Trade Agreement on Canada-Taiwan Trade," joint with Lawrence Schembri, for Council of Economic Development and Planning, Taiwan, October 1999 - August 2000

"Issues in Anti-Trust Economics," research grant from the Competition Bureau, Industry Canada, Government of Canada, 1998 - 1999

"Consumers and Biotechnology," for the Office of Consumer Affairs, Industry Canada, Government of Canada, 1997

"Carleton Industrial Organization Conference," a conference grant from the Office of Research Services, Carleton University, 1996

Research on a variety of topics, funded by Carleton University GR6 grants, 1991 -1992, 1992 - 1993, 1993 - 1994

Scholarly Work in Progress

"Drip Pricing," joint with Zhuozheng Li

"Strategic Corporate Social Responsibility under Demand Uncertainty," joint with Zhihong Chen and Heng Xu

"Colluding on Surcharges"

"Private Label and Product Quality under Asymmetric information," joint with Heng Xu, revise and resubmit, *Journal of Economics and Management Strategy*

Papers Presented (Since 2003)

"Buffer Strategic Alliances," presented at Shanghai University of Finance and Economics, December 2019

"Retailer Buyer Power and Pricing Mechanisms of Generic Drugs in Canada," presented at Health Economics & Simulation Modelling Methods Cluster, University of British Columbia, November 2018

"Colluding on Surcharges," presented at University of California, Santa Barbara (October 2016), Hong Kong University of Science and Technology (March 2017), The 2017 Workshop on Anti-Monopoly Law and Competition Economics, Shanghai (May 2017), Peking University (June 2017), Renming University (May 2018), Canadian Economics Association Meetings, Montreal (June 2018), Hohai University (June 2018)

"Buyer Power: Economic Theory and Competition Policy," presented at Tianjin University of Finance and Economics (April 2015), ICN-OECD KPC Competition Economics Workshop for Chief and Senior Economists, Seoul (May 2018), and Dongbei University of Finance and Economics (June 2018)

"Short-Term and Long-Term Margins of International Trade: Evidence from the Canada-Chile Free Trade Agreement," presented at Forum on Free Trade Zone and New Openness in China, Shanghai (May 2015), International Forum on Silk Road Economy, Xi'an (May 2017), and Chinese Economists Society annual conference, Nanjing (June 2017)

"Role of Economists and Economic Analysis in Antitrust Enforcement," presented at Hong Kong University of Science and Technology (March 2017)

"Horizontal Cooperation Agreements: Economic Theory and Competition Policy," presented at Tianjin University of Finance and Economics (June 2016)

"Canada's Enforcement Approach to Collaboration among Competitors," presented at the 2016 Workshop on Antitrust and Industrial Organization, Shanghai (May 2016), and the 2016 Conference on Frontier Issues in Industrial Organization, Dalian (June 2016)

"Do Merger Efficiencies Always Mitigate Price Increases?" presented at Shanghai University of Finance and Economics (May 2015), and at University of Manitoba (March 2016)

"Supplier Innovation in the Presence of Buyer Power," presented at Queen's University (March 2014), Nanjing University (June 2016)

"Denying Leniency to Cartel Instigators: Costs and Benefits," presented at Shanghai University of Finance and Economics (June 2013) and the Canadian Economic Association Meetings, Toronto (May 2015)

"Supplier Incentives in the Presence of Buyer Power: A General Theory with Applications", at Nanjing University (June 2012), the 8th Conference on Industrial Economics and Economic Theory (Jinan, June 2013), University of Victoria (October 2012)

"Horizontal Mergers in the Presence of Capacity Constraints," presented at Shanghai Jiaotong University (June 2012), at the International Conference on Game Theory and Economic Behaviour (Qindao, June 2012), and at the Shanghai Workshop on Industrial Organization and Competition Policy (Shanghai, June 2011)

"Unemployment and Welfare Consequences of International Outsourcing under Monopolistic Competition," presented at Shanxi University of Finance and Economics (May 2012), and at the 2012 Microeconomics Workshop (Shanghai, June 2012)

"Downstream Competition and the Effects of Buyer Power," presented (jointly with Hong Ding) at the Annual Meetings of the Canadian Economics Association (Ottawa, June 2011), and at the International Conference on Frontier Issues in Industrial Organization (Dalian, June 2011)

"Product Line Rivalry and Firm Asymmetry," presented at the 2011 International Conference on Industrial Economics (Hangzhou, June 2011), and at Dongbei University of Finance and Economics (June 2011)

"The Trouble with Offshoring: Static and Dynamic Losses in the Presence of Unemployment," presented at Shanghai University of Finance and Economics (April 2011)

"The Quiet Life of a Monopolist: The Efficiency Losses of Monopoly Reconsidered," presented at Shanghai University of Finance and Economics (December 2010), and at Nanjing University (December 2010)

"Unemployment and Product Market Competition in a Cournot Model with Efficiency Wage," presented at the 6th Conference on Industrial Economics and Economic Theory (Jinan, June 2011), at the 71st International Atlantic Economic Conference (Athens, March 2011), at Shanghai University of Finance and Economics (June 2010), at the 2010 International Conference on Economic Theory (Hangzhou, June 2010), at Dongbei University of Finance and Economics (June 2010), Nanjing University (July 2010), and McGill University (September 2010)

“Strategic Alliances and Other Forms of Horizontal Cooperation Agreements: Theory and Competition Policy,” presented at the International Conference for Academic Disciplines, (Orlando, February 2009)

“Unemployment of Skilled and Unskilled Labor in an Open Economy: International Trade, Migration and Outsourcing,” presented at University of Waterloo (September 2008), Xiamen University (December 2008), University of Manitoba (March 2009), Shanghai University of Economics and Finance (May 2009), Zhejiang University (June 2009), University of International Business and Economics (June 2009)

"Strategic Alliances and Other Forms of Horizontal Cooperation," presented at the conference on China's Competition Policy and Anti-Monopoly Law (Beijing, October 2007)

“Defining Buyer Power,” presented at the American Antitrust Institute (AAI) Invitational Symposium on Buyer Power (Washington DC, June 2007)

“Monopoly and Unemployment: Perspective from an Efficiency Wage Model,” joint with Bo Zhao, presented at Summer Workshop on Industrial Organization and Business Strategy (Shanghai, May 2007)

“Rivalry, Market Structure and Industrial Competitiveness: Issues and Evidence,” presented at the Research Workshop on Rivalry, Market Structure, Entrepreneurship and Competitiveness (Montreal, November 2006) and Xiamen University (April 2007)

“Strategic Alliances and Competition,” presented at Xiamen University (May 2006) and University of International Business and Economics (July 2006)

“Markets Linked by Rising Marginal Costs: Implications for Multimarket Contact, Recoupment and Retaliatory Entry,” presented at the 2005 Singapore Economic Review Conference (August 2005), and Xiamen University (June 2007)

“Monopoly and Product Diversity: The Role of Retailer Countervailing Power,” presented at the Canadian Competition Bureau (September 2004), University of British Columbia (October 2004), University of Montreal (March 2006), International Industrial Organization Conference (Boston, April 2006), Xiamen University (April 2006), Summer Workshop on Industrial Organization and Business Strategy (Beijing, July 2006)

“Countervailing Power and Product Diversity,” presented at the North American Econometric Society meetings, San Diego, January 2004

“Liberalization of Trade and Investment in Telecommunication Services: A Canadian Perspective,” presented at the conference on Service Industries and Knowledge-Based Economy (Winnipeg, October 2003)

Prior to 2003, I presented papers at the following venues:

- The American Economic Association meetings
- The Canadian Economics Association meetings

- The Canadian Resource and Environmental Economics Study Group Conference
- The Competition Bureau, Government of Canada
- The Far Eastern Meeting of Econometrics Society
- The GREEN Conference, Laval University
- Hitotsubashi University
- The Midwest Conference on International Trade Theory
- McGill University
- National Central University, Taiwan
- National Chengchi University, Taiwan
- National Chengkun University, Taiwan
- National University of Singapore
- Queen's University
- Simon Fraser University
- University of Alberta
- University of British Columbia
- University of Calgary
- University of Laval
- University of Victoria
- University of Windsor

Consultancy

Senior consultant, Delta Economics Group, since 2002

Affiliate, Law & Economics Consulting Group (LECG), 1999 - 2002

Worked for public and private clients as an economics expert on more than 30 cases related to competition policy and other issues

Expert testimony, the Canadian Radio-television and Telecommunications Commission (CRTC) hearing on mobile wireless services, February 20, 2020

Other Professional Activities

Member of Program Selection Committee, annual meetings of the Canadian Economics Association, 2017, 2018, 2019, and 2020

Advisor, Specialized Committee on Competition Policy, Chinese Association of Industrial Economics (since 2017)

Executive Editor, *Frontiers of Economics in China*, since 2013, (Co-Editor from 2011 to 2013)

Co-Editor, *Journal of Economics and Management Strategy*, since 2004

Guest editor, *China Economic Review*, CES 2010 Special Issue, Volume 23, Issue 3, September 2012

Adjunct Research Professor, Nanjing University, since 2011

Adjunct Professor, Shanghai University of Finance and Economics, since 2007

Organizer, Carleton Library Series Workshop on Industrial Organization and Market Structure in Canada, March 2010

Vice President, Chinese Economists Society, 2009 - 2010. In this capacity, I acted as the program chair of the 2010 Annual Conference of the Society, held in Xiamen in June 2010

Member of Working Group on Making and Marketing Costs for the Patented Medicine Prices Review Board, 2008

Changjiang Scholar, Xiamen University, 2007 - 2010

External reviewer of *Global Competitive Advantage*, by Daniel F. Spulber, Cambridge University Press, 2007

Editorial advisor, *Canadian Journal of Economics*, 2002 - 2005

Member of Grant Application Adjudication Committee, Social Sciences and Humanities Research Council (SSHRC), 2003 - 2005

Director, Ottawa Economics Association, 2003 - 2010

Invited speaker, Shanghai International Forum on Human Capital, October 2000

Organizer, Carleton Industrial Organization Conference, June 1996

External referee for the following journals: *American Economic Journal: Microeconomics, American Economic Review*, *Australian Economic Papers, B.E. Journal of Economic Analysis & Policy, Canadian Journal of Economics, Contemporary Economic Policy, Economic Inquiry, Economics Letters, Economic Modelling, Economics of Education Review, European Economics Review*, *International Economic Review*, *International Journal of Industrial Organization, International Review of Law and Economics, Journal of Economic Integration, Journal of Economics and Business, Journal of Economics and Management Strategy, Journal of Environmental Economics and Management*, *Journal of Environmental Management, Journal of Industrial Economics, Journal of Industry, Competition and Trade*, *Journal of International Economics*, *Journal of Population Economics*, *Pacific Economic Review*, *Public Finance and Management, Quarterly Journal of Economics*, *RAND Journal of Economics*, *Resource and Energy Economics*, *Review of Industrial Organization, Review of International Economics*

External assessor for Social Sciences and Humanities Research Council (SSHRC), numerous applications

External referee for the University Grants Committee in Hong Kong, numerous applications

External examiner of PhD theses for
University of British Columbia (two PhD theses)
Concordia University (one PhD thesis)
Queen's University (two PhD theses)

TEACHING

Undergraduate Courses

"Introduction to International Trade"
"Industrial Organization I, Theory and Evidence" (fourth year level)
"Intermediate Microeconomics"
"Intermediate Macroeconomics"
"Advanced Microeconomic Theory" (fourth year level)
"Honours Seminar: Microeconomics"
"Honours Capstone Seminar"

Graduate Courses

"Topics in Industrial Organization" (MA and PhD level)
"Microeconomic Theory" (PhD level)
"Industrial Organization I" (formerly "Firms and Markets", MA and PhD level)
"Microeconomic Theory" (MA level)
"Mathematical Methods for Economists"

Taught graduate courses at University of Havana in 1994, 1995, and 1996, at Xiamen University in 2006 - 2010, and at Shanghai University of Finance and Economics in 2007 - 2009

Supervised numerous MA and PhD students Directed Readings courses

Member of numerous examination boards of PhD comprehensive exams, since 1992

Thesis Supervision

Supervisor of three ongoing PhD theses (Matthew Strathearn, Yufan Hu, Kewei Diao)

Supervisor of 10 completed PhD theses:
Xiguang Liu (1997), Ying Kong (2000), Angela Zeiler (2003), Liping Zhang (2005), Jun Chen (2008), Eng Kooi Lim (2008), Bo Zhao (2009), Hong Ding (2013), Gang Li (2013), Heng Xu (2016)

Co-supervisor of one completed PhD thesis: Afshan Dar-Brodeur (2013)

Committee member of 17 completed PhD theses since 2009:

Guohan Zhu (2009), Reza Ghazal (2009), Rashid Nikzad (2009), Sui Sui (2009), Ahmed Nasim Sydee (2010), Jeffrey Peter (2011), Hong Thi-Dieu To (2011), Chahreddine Abbes (2011), Elias Collette (2012), Derek Olmstead (2012), Olayinka Williams (2015), Armaghan Rahimi (2015), Bao Anh Nguyen (2016), Steve Martin (2017), Alexander Maslov (2018), Parisa Pourkarimi (2018), Chenyu Wang (2019)

Supervisor of one completed MA thesis: Laura Sonley (2015)

ADMINISTRATIVE RESPONSIBILITIES

Supervisor of PhD Studies, Department of Economics, July 2000 - 2004

Member of:

Carleton University Board of Governor Committee on Student Affordability, 2014 - 2015
Carleton University Research Achievement Award Selection Committee, 2005, 2006, 2010
Carleton University Senate, 2003 - 2004
Carleton University Graduate Faculty Board, 2000 - 2004
Departmental Tenure and Promotion Committee, 1996 - 1997, 2008 - 2011, 2015 - 2018
Departmental Graduate Committee, 1992 - 1996, 1999 - 2004, 2005 - 2010, 2012 - 2016
Departmental Appointment Committee, 1993 - 1995, 2005 - 2007, 2009 - 2011, 2012 - 2013
BGInS (Bachelor of Global and International Studies) Appointment Committee, 2015-16
Departmental Undergraduate Committee, 1992 - 1993, 2016 - 2017
Program Committee of the OCGSE Conference, March 2017
Departmental Ad Hoc Hiring Committee, 2017 - 2018
Departmental Planning Committee, 2017 - 2018

(Updated on February 28, 2020)

Curriculum Vitae Format for Promotion and Other Career Decisions

NAME: Ba Manh Chu

DEPARTMENT: ECONOMICS

TELEPHONE NUMBER IN DEPARTMENT: Ext. 1546

CARLETON E-MAIL ADDRESS: ba.chu@carleton.ca

A. EDUCATION

09/2002 - 04/2004 Ph.D. Finance University of London
Thesis title: "On Using the Large Deviations Theory to Estimate Asymmetric Financial Risk."

09/2001 - 09/2002 M.Phil. Stochastic Finance University of London.

09/2000 - 09/2001 M.Sc. Finance University of London.

10/1999 - 09/2000 P.C.E.F Financial Economics University of London.

09/1994 - 09/1998 B.A. English Literature, Minor in Chinese (Mandarin) Hanoi University.

B. EMPLOYMENT

1. Academic Appointments

07/2012 - present Associate Professor Carleton University, Department of Economics.

07/2007 - 07/2012 Assistant Professor Carleton University, Department of Economics.

01/2006 - 07/2007 Postdoctoral Research Fellow University of Warwick, Warwick Business School.

01/2005 - 12/2005 Postdoctoral Research Fellow City University, Sir John Cass Business School.

2. Other Employment

04/2004 - 12/2004 Research Analyst Dectech Group.

01/2006 - 01/2007 Investment Consultant Skandia Asset Management Limited.

C. PROFESSIONAL HONOURS

None.

D. PUBLICATIONS

1. Refereed Scholarly Publications

a) Books

None.

b) Articles in Refereed Journals

"Optimal Investment and Asymmetric Risk: A Large Deviations Approach," (with J. Knight and S. Satchell), Optimization, 59(1), 2010, pp. 3-27.

"Modeling the Contemporaneous Duration Dependence for High-frequency Stock Prices," (with M. Voia), Financial Research Letters, 7(3), 2010, pp. 148-162.

"Spurious Regressions of Stationary AR(p) Processes with Structural Breaks," (with R. Kozhan), Studies in Nonlinear Dynamics & Econometrics, 15(1), 2010, pp. 1-23.

"Large Deviations Theorems for Optimal Investment Problems with Large Portfolios," (with J. Knight
and S. Satchell), European Journal of Operational Research, 211(3), 2011, pp. 533-555.

"Recovering Copulas from Limited Information and An Application to Asset Allocation," Journal of Banking and Finance, 35(7), 2011, pp. 1824-1842.

"Limit Theorems for the Discount Sums of Moving Averages," Journal of Time Series Analysis, 33(1), 2012, pp. 1-12.

"k-Nearest Neighbour Estimation of Inverse-Density-Weighted Expectations with Dependent Data," (with D.T. Jacho-Ch´avez), Econometric Theory, 28(4), 2012, pp. 769-803.

"Large Deviations Estimation of theWindfall and Shortfall Probabilities for Optimal Diversified Portfolios," Annals of Finance, 8(1), 2012, pp. 97-122.

"Approximation of Asymmetric Multivariate Return Distributions," Asia-Pacific Financial Markets (the official journal of the Japanese Association of Financial Econometrics and Engineering (JAFEE)),
19(3), 2012, pp. 293-318.

"Functionals of Order Statistics and their Multivariate Concomitants with Application to Semiparametric Estimation by Nearest Neighbors," (with D.T. Jacho-Ch´avez and K.P. Huynh), Sankhya B, 75(2), 2013, pp. 238-292.

"Adaptive Permutation Tests for Serial Independence," (with L. Tran, C. Huang, and K.P. Huynh), Statistica Neerlandica, 68(3), 2014, pp. 183-208.

"Recovering the Most Entropic Copulas from Preliminary Knowledge of Dependence," (with Steve Satchell), Econometrics, 4(2), 2016, p. 20.

"Semiparametric GEL-Based Inference in Unconditional Moment Restriction Models with Unknown Functions," (with David T. Jacho-Chavez and Francesco Bravo*),* Journal of Nonparametric Statistics, 29(1), 2017, pp. 108-136.

"Generalized Empirical Likelihood M Testing for Semiparametric Models with Time Series Data," (with David T. Jacho-Chavez and Francesco Bravo), Econometrics and Statistics, *4, 2017, pp. 18-30.*

"On the Evolution of the United Kingdom Price Distributions," (with D.T. Jacho-Chávez, K. Huynh, and O. Kryvtsov), Annals of Applied Statistics, 12(4), 2018, 2618-2646

"Standard Errors for Nonparametric Regression," (with D.T. Jacho-Chavez and O.B. Linton), *forthcoming in Econometric Reviews.*

"Polynomial Regression with Dynamic Heterogeneous Panel Data," (with J.-T. Bernard, L. Khalaf, and M. Voia), *conditionally accepted by Annals of Economics and Statistics.*

c) Articles in Refereed Conference Proceedings

"Functionals of Order Statistics and Their Multivariate Concomitants for Stationary Time Series," (with K.P Huynh and D.T. Jacho-Ch´avez), American Statistical Association: JSM 2010 Papers and Proceedings, Nonparametric Section.

d) Edited Books

None.

e) Chapters in Edited Books

"The Most Entropic Copula with an Application to Style Investment," (with Steve Satchell), in *Asymmetric Dependence in Finance: Diversification, Correlation and Portfolio Management in Market Downturns*, Alcock J. & S. Satchell (editors), 2018, John Wiley & Sons, Milton, Australia.

f) **Other Publications** (my contribution is minor)

"Linear and Non-Linear Granger Causality Between Short-Term and Long-Term Interest Rates: A Rolling Window Strategy," (with Azaden Rahimi and Marc Lavoie), Metroeconomica, in press, September 2016.

"Linear and nonlinear Granger-causality between short-term and long-term interest rates during business cycles," (with Azadeh Rahimi and Marc Lavoie), International Review of Applied Economics, 30(6), 2016, pp. 714-728.

2. Other (Non-refereed) Scholarly Publications

a) Non-refereed Books

None.

b) Chapters in Non-refereed Books

None.

c) Review Articles

None.

d) Articles in Non-refereed Journals

None.

e) Articles in Non-refereed Conference Proceedings

None.

f) Technical Reports

"Composite Quasi-Likelihood Estimation of Dynamic Panels with Group Heterogeneity and Spatial Dependence," available online, doi: https://arxiv.org/abs/1704.06613 .

"A Distance-Based Test of Independence between Weakly Dependent Stationary Multivariate Time Series," *R&R for Journal of Econometrics.*

"Local Linear Regression with Nonparametrically Generated Covariates for Weakly Dependent Data."

g) Book Reviews in Scholarly Journals

None.

h) Major Encyclopedia or Dictionary Articles

None.

i) Catalogues

None.

3. Creative or Professional Publications

None.

E. OTHER SCHOLARLY OR PROFESSIONAL ACTIVITY

1. Editorial Responsibilities

None.

2. Papers presented

"A Model-Free Test of Independence between Weakly Dependent Stationary Multivariate Time Series," (an invited talk), Emory University, April 2018.

"A Model-Free Test of Independence between Weakly Dependent Stationary Multivariate Time Series," the New York Camp Econometrics conference, the Asian Meeting of the Econometric Society conference, the European Meeting of the

Econometric Society conference, The Latin American Meeting of the Econometric Society conference 2018.

"Composite Likelihood Estimation of Dynamic Panels with Group Heterogeneity and Spatial Dependence," The 2017 Royal Economic Society annual conference.

"Composite Likelihood Estimation of Dynamic Panels with Group Heterogeneity and Spatial Dependence," University of York.

"Composite Likelihood Estimation of Dynamic Panels with Group Heterogeneity and Spatial Dependence," The 2017 American Mathematical Society meeting, special session on 'Dependence in Probability and Statistics'.

"Composite Likelihood Estimation of Dynamic Panels with Group Heterogeneity and Spatial Dependence," Ohio State University.

"Composite Likelihood Estimation of Dynamic Panels with Group Heterogeneity and Spatial Dependence", Vancouver School of Economics.

“On the Evolution of the United Kingdom Price Distributions”, New York Camp Econometrics X 2015.

“Estimation & Inference for Semiparametric Models with Dependent Data”, the 2013 Canadian Econometrics Study Group Conference.

“Estimation & Inference for Semiparametric Models with Dependent Data”, the 2013 ASIAN MEETING OF THE ECONOMETRIC SOCIETY.

“Weighted Weak Convergence of Partial-Sum Processes for Time Series and Nonparametric Change-Point Tests,” the Metro-Atlanta Econometric Study Group, November 2013.

3. Contract or Other Research

SSHRC Insight Development Grant: "Structural Breaks in Panel Data Models with Grouped Patterns of Heterogeneity," 2016 - 2018, $64,000.

SSHRC Insight Development Grant: “Inference about Structural Instability in Spatial Processes,” 2014, rated 4A.

SSHRC Standard Research Grant: “Semiparametric Estimation of Nonlinear Models by k-Nearest Neighbours with Dependent Data,” [with K. Huynh (collaborator) and D. T. Jacho-Ch´avez (collaborator)], 2011-2013, $33,600.

4. Other Professional Activities

Referee for many journals, including
Finance & Stochastics, European Journal of Finance, Computational Statistics and Data Analysis, Journal of Multivariate Analysis, Mathematical Finance, Journal of Computational Finance, Journal of Business and Economics, SSHRC, *Journal of Business & Economic Statistics, Journal of Econometrics, Econometric Reviews, Applied Mathematics and Applications, Journal of Banking and Finance, Statistics, Australia-New Zealand Journal of Statistics*

5. Scholarly Work in Progress

"Breaks in Panels with Group-Specific Patterns of Heterogeneity."

"Bootstrap Inference in Large Panels with Unknown Group Heterogeneity and Spatially Dependent Errors."

"M-estimation for Large Panels with Spatially Dependent Errors."

"On Weighted Convergence of Partial-Sum Processes for Time Series with Applications to Nonparametric Change-Point Tests."

F. ACADEMIC RESPONSIBILITIES (TEACHING)

1. Undergraduate Courses Taught

ECON 2505 C: Business Finance (U); Winter 2007.

ECON 2202: Statistical Methods in Economics and Business II (U); Fall 2009, Winter and Fall 2016, Winter 2017

ECON 2220: Introduction to Econometrics (U); Fall 2017, 2018, Winter 2019

ECON 4002 A: Introduction to Statistics for Economics (U); Winter 2009, 2010, and 2011, Fall 2018

ECON 4995 S: Review of Mathematical & Statistical Methods of Economics (G); Summer 2010.

ECON 3706 A: Applied Econometrics (U); Winter 2015, 2016, 2017

2. Graduate Courses Taught

ECON 5713 W: Applied Time Series Analysis (G); Winter 2008, 2009, 2010, 2012, 2013, 2015, 2016, 2017, 2018, 2019

ECON 5027: Econometrics I (G); Fall 2008 and 2010.

3. Supervisions

a) Completed

Joshua Brault, M.A., Completed in April 2016.

Peng (Peter) Wang, (co-supervised with Marc Lavoie), Ph.D., Completed in 2009.

Youssef Boudribila, Ph.D. first and second chapters, Completed in 2013.

Azadeh Rahimi, (co-supervised with Marc Lavoie), Ph.D., Completed in 2014.

b) On-going

Kyle Robbins, B.A. (Honours) thesis.

Shafiullah Qureshi, Ph.D. second chapter.

Jin Wang, Ph.D.

4. Other Academic Responsibilities

Sat on several Ph.D. Comprehensive Examination Boards till now.

G. ADMINISTRATIVE RESPONSIBILITIES (INCLUDING COMMITTEE WORK)

Department of Economics Tenure & Promotions Cttee, 2017

Department of Economics M.A. Admission Cttee, 2018, 2019

Member of the 2018 SSHRC IDG Economics Adjudication Cttee 7A

Member of the 2017 SSHRC IDG Economics Adjudication Cttee 3B

Department of Economics Seminar & Brown-Bag Coordinator, 2011-2012, 2013-2014.

Financial economics Appointments subcommittee, 2009, 2012.

H. OTHER

None.

Patrick J. Coe
November 2019

Contact and Personal Information

Department of Economics
Carleton University
1125 Colonel By Drive
Ottawa, ON, K1S 5B6
Canada

Voice: 1-613-520-2600 ext 6763
Email: patrick.coe@carleton.ca
Web: www.carleton.ca/~pcoe/
Citizenship: U.K. / Canada

Professional Experience

Permanent
Associate Professor, Department of Economics, Carleton University, July 2004 – present.
Research Associate, Centre for Applied Macroeconomic Analysis, Australian National University, September 2010 – present.
Assistant Professor, Department of Economics, University of Calgary, July 1998 - June 2004, granted tenure & promotion to Associate professor to be effective July 2004.

Temporary
Visiting Scholar, Research School of Economics, Australian National University, September 2010 – January 2011.
Visiting Assistant Professor, Department of Economics, Queen's University, September 2001 - June 2002.
Lecturer (fixed term), Department of Economics, University of Essex, September 1996 - June 1998.
Research Officer (fixed term), Department of Applied Economics, University of Cambridge and Bye-fellow, Queens College, Cambridge, September 1995 - August 1996.

Education
Ph.D., Economics, University of British Columbia, 1998.
M.A., Economics, University of Essex, 1992.
B.A., Economics, University of Essex, 1990.

Research

Refereed Publications

Patrick J. Coe (2018) "Downward Nominal Wage: Evidence from Canada 1901-1950." *Canadian Journal of Economics,* 51(3), pp946-967.

Patrick J. Coe (2013) "Apprenticeship Program Requirements and Apprenticeship Completion Rates in Canada" *Journal of Vocational Education and Training,* 65(4) pp575-605.

Patrick J. Coe and J.C. Herbert Emery (2012) "Accreditation Requirements and the Speed of Labour Market Adjustment in Canadian Building Trades" *Canadian Public Policy*, 38(1) pp91-111.

Patrick J. Coe and David Krause (2008) "An Analysis of Price-based Tests of Market Delineation" Journal of Competition Law and Economics, 4(4) pp983-1007.

Patrick J. Coe, M. Hashem Pesaran & Shaun P. Vahey (2005) "The Cost Effectiveness of the UK's Sovereign Debt Portfolio." Oxford Bulletin of Economics and Statistics, 67(4) pp467-496.

Patrick J. Coe & J.C. Herbert Emery (2004) "The Dis-Integrating Canadian Labor Market? The Extent of the Market Then and Now" Canadian Journal of Economics, 37(4) pp879-897.

Patrick J. Coe & James M. Nason (2004) "Long-run Monetary Neutrality and Long Horizon Regressions." Journal of Applied Econometrics, 19(3) pp355-373.

Patrick J. Coe & James M. Nason (2003) "The Long-Horizon Regression Approach to Monetary Neutrality: How Should the Evidence be Interpreted?" Economics Letters, 78(3) pp351-356.

Frank J. Atkins & Patrick J. Coe (2002) "An ARDL Bounds Test Approach to Testing the Long-run Fisher Effect in the United States and Canada." Journal of Macroeconomics, 24(2) pp255-256.

Patrick J. Coe (2002) "Power Issues when Testing the Markov Switching Model with the Sup Likelihood Ratio Test using U.S. Output." Empirical Economics, 27(2) pp395-401, reprinted in James D. Hamilton and Baldev Raj (eds.) (2002) Advances in Markov Switching Models, Physica-Verlag, Heidelberg.

Patrick J. Coe (2002) "Financial Crisis and the Great Depression: A Regime Switching Approach" Journal of Money, Credit and Banking, 34(1) pp76-93.

Patrick J. Coe and Apostolos Serletis (2002) "A Bounds Testing Approach to the Analysis of Purchasing Power Parity." Journal of Banking and Finance, 28(1) pp179-199.

Non-refereed Publication

Patrick J. Coe (2006) "Symposium on Public Debt Management: Editor's Introduction" Public Finance and Management, 6(2) pp145-150.

Current Research

Financial Conditions and the Risks to Economic Growth in the United States Since 1875 (with Shaun Vahey).

Another Look at Vulnerable Growth (with Tony Chernis and Shaun Vahey).

Who Registers, Who Completes, Who Quits and Why? A Longitudinal Study of Construction Apprentices in Ontario (with Chris Worswick).

Research Grants

Social Sciences and Humanities Research Council Grant April 2008- March 2012: "Nominal Wage Rigidity in Canada 1900 - 1950" ($43,445).

Carleton University SSHRC Institutional Grant April 2007 – March 2008: "Nominal Wage Rigidity during the Great Depression in Canada" ($6648).

Social Sciences and Humanities Research Council Grant April 2002- March 2005: "Searching for a Powerful Test of Long-run Monetary Neutrality." ($15,347).

University of Calgary, Short-term Grant January 2003 - December 2003: "Output Dynamics in Non-linear Time Series Models." ($3000).

University of Calgary, Starter Grant, October 1998 - December 1999: "The Efficiency of U.K. Debt Management." ($6000).

Invited Seminars and Conference Presentations

2019: Canadian Network for Economic History Conference.
2017: University of New Brunswick.
2014: Dalhousie University, Canadian Network for Economic History Conference.
2012: University of Saskatchewan.
2011: Canadian Economics Association Conference, Society of Non-linear Dynamics and Econometrics, Reserve Bank of New Zealand.
2010: Australian National University; Reserve Bank of Australia; University of Sydney; Australian Conference of Economists; CLSRN-HRSDC Workshop on Apprenticeship.
2009: Canadian Network for Economic History Conference.
2006: Canadian Network for Economic History Conference; Canadian Economics Association Conference; Competition Bureau Canada.
2005: Alberta Conference on Industrial Organization; Canadian Economics Association Conference.
2004: Canadian Economics Association Conference; University of Alberta; Carleton University; Trinity College Dublin; University of Edinburgh; Dalhousie University.
2003: Canadian Economics Association Conference; University of Guelph.
2002: Canadian Network for Economic History Conference.
2001: Carleton University; McGill University; Queen's University; Canadian Economics Association Conference.
2000: Canadian Network for Economic History; Canadian Economics Association Conference.
1999: University of East Anglia; University of Essex; Canadian Economics Association Conference; Theories and Methods in Macroeconomics Conference.
1998: Institute for Studies in Finance (University of Essex); University of Calgary.
1997: Bank of Canada; York University (Canada); University of Cambridge.

Teaching

Recent Teaching
2019/20: Principles of Economics.
2018/19: Principles of Economics, Undergraduate Canadian Economic History.
2016/17: Principles of Economics, Undergraduate Canadian Economic History, Intermediate Macroeconomics.
2015/16: Undergraduate Canadian Economic History, Intermediate Macroeconomics.
2014/15: Graduate Economic History, Undergraduate Canadian Economic History.
2013/14: Graduate Economic History, Undergraduate Canadian Economic History.
2012/13: Graduate Economic History, Intermediate Macroeconomics.

PhD Supervision (Student, Role, Initial Placement)
Vincent Paquet (Ph.D., 2018), co-supervisor, Employment and Social Development Canada.
Xiaonan Li (Ph.D., 2015), committee member, Industry Canada.
Mohammed Siddiqui (Ph.D., 2011), co-supervisor, Environment Canada.
Min Xie (Ph.D., 2008), committee member, Human Resources and Skills Development, Canada.

PhD Examination Committees
Internal examiner, Ph.D., NPSIA, 2018.
External examiner, Ph.D. Economics, Queens University, 2016.
External examiner, Ph.D. Economics, University of Calgary, 2016.
External examiner, Ph.D. Economics, Dalhousie University, 2014.
External examiner, Ph.D. Economics, University of Alberta, 2008.
External examiner, Ph.D. Economics, University of Guelph, 2007.
External examiner, Ph.D. Economics, Queen's University, 2001.

Professional Activities and Service

Recent Department & University Service
Vice-Chair, Department of Economics, July 2018 -- present.
Director, Ottawa-Carleton Joint Ph.D. Program in Economics, July 2013 – June 2016 and July 2019 - present.
Faculty of Public Affairs, Faculty Board Executive, July 2018 – present.
Graduate Faculty Board, July 2005 – June 2010, March 2011 – June 2016 & July 2018 - present.
Department of Economics, ECON 1001/02 Course Coordinator, July 2018 – present.
Associate Director, Ottawa-Carleton Joint Ph.D. Program in Economics, July 2018 – June 2019.
Department of Economics, Tenure and Promotion Committee, July 2018 – June 2019.
Department of Economics Hiring Committee, 2005/6, 2006/7, 2007/8, 2008/9, 2012/13, 2013/14 & 2018/19.
Department of Economics M.A. Supervisor July 2005 – June 2010 & March 2011 – June 2013.
Senate Graduate Student Appeals Committee, September 2009 – June 2010 & July 2011 - June 2013.
Faculty of Graduate Studies, Programs and Planning Committee, July 2008 – June 2010 & July 2013 – June 2015.

External Service
SSHRC Standard Research Grants Adjudication Committee, Member 2011.
Ontario Graduate Scholarship Selection Panel Member 2009.
Organizing Committee Canadian Macroeconomic Study Group Annual Conference, Carleton University, November 2007.
"Canadian Network of Economic Historians Conference Report" Cliometric Society Newsletter 16(1) Spring 2001, with Ian Keay.

Editorial
Guest editor, Public Finance and Management, symposium on Public Debt Management.

Referee
Applied Economics, Canadian Apprenticeship Journal, Canadian Journal of Economics, Canadian Public Policy (7), CD Howe Institute, Contemporary Economic Policy (2), Eastern Economic Journal, Economía Mexicana, Economic Inquiry, European Economic History Review, Human Resources Skills Development Canada, Industry Canada, International Economic Review, IMF Staff Papers, Journal of Applied Econometrics (2), Journal of Applied Economics, Journal of Economic Behavior and Organization, Journal of Economic Dynamics and Control (3), Journal of Economic History, Journal of Economic Studies, Journal of Economics and Business (2), Journal of Financial Intermediation, Journal of International Money and Finance, Journal of Macroeconomics (3), Journal of Money Credit and Banking (2), Journal of Risk, Macroeconomic Dynamics, Portuguese Economic Journal, Public Finance and Management, Scandinavian Journal of Economics, Social Science and Humanities Research Council of Canada (4), Southern Economic Journal (2).

Ana C. Dammert

Department of Economics
Norman Paterson School of International Affairs
Carleton University
1125 Colonel by Drive
Ottawa, ON, Canada, K1S 5B6

Phone: 613-520-2600 ext. 3753
Fax: 613-520-3906
Office: B-849 Loeb

Education

Ph.D. Economics,Syracuse University, 2006

M.A. Economics, Syracuse University, 2004

B.A. Economics, Pontificia Universidad Catolica del Peru, 1999

Employment

Academic Appointments

Associate Professor, Carleton University, Department of Economics and Norman Paterson School of International Affairs (joint appointment), July 2014 - present

Visiting Scholar, Georgetown University, The Edmund A. Walsh School of Foreign Service, September 2015 - June 2016

Assistant Professor, Carleton University, Department of Economics and Norman Paterson School of International Affairs (joint appointment), July 2008 - June 2014

Postdoctoral Research Fellow, McMaster University, Department of Economics, July 2006 - June 2008

Other Employment

The World Bank, Development Impact Evaluation, Short Term Consultant, Washington DC, 2016

Universidad del Pacifico, Research Center (CIUP),Visiting Researcher, Lima, Peru, 2007.

Inter-American Development Bank, Research Department, Short Term Consultant, Washington DC,2005

Syracuse University, Center for Policy Research, Maxwell School of Citizenship and Public Affairs, Research Associate,Syracuse, NY, USA, 2003-2006.

Centro de Investigacion y Docencia Economica (CIDE), Visiting Researcher, Mexico City, Mexico, 2003.

Grupo de Analisis para el Desarrollo (GRADE),Research Assistant, Lima, Peru, 1998-2000.

Publications

Refereed Scholarly Publications

Dammert, A. (2008) Child Labor and Schooling Response to Changes in Coca Production in Rural Peru, *Journal of Development Economics*,86(1):164-180.

Dammert, A. (2009) Heterogeneous Impacts of Conditional Cash Transfers: Evidence from Nicaragua, *Economic Development and Cultural Change*, 59(1):53-84.

Dammert, A. (2010) Siblings, Child Labor, and Schooling in Nicaragua and Guatemala, *Journal of Population Economics*, 23(1):199-224.

Dammert, A. and J. Galdo (2013) Program Quality and Treatment Completion for Youth Training Programs, *Economics Letters*, 119(3):243-246.

Dammert, A. and J. Galdo (2013) Child Labor Variation by Type of Respondent: Evidence from a Large-Scale Study, *World Development*, 51(11):207-220.

Dammert, A., J. Galdo and V. Galdo (2013) Digital Labor-Market Intermediation and Job Expectations: Evidence from a Field Experiment, *Economics Letters*, 120(1):112-116.

Dammert, A., J. Galdo and V. Galdo (2014) Preventing Dengue through Mobile Phones: Evidence from a Field Experiment in Peru, *Journal of Health Economics*, 35:147-161.

Dammert, A. and B. Ural-Marchand (2015) Privatization in China: Knowledge Intensity and Gender in the Manufacturing Sector, *Contemporary Economic Policy*,33(2):250-264.

Dammert, A. and S. Mohan (2015) A Survey of the Economics of Fair Trade, *Journal of Economic Surveys*, 29(5): 855-868

Dammert, A., J. Galdo and V. Galdo (2015) Mobile Phones for Labor Market Intermediation: A Multi-treatment Experimental Design, *IZA Journal of Labor and Development*, 4(11) December: 1-26

Dammert, A., De Hoop, J., Mvukiyehe, E. and F. Rosati (2018) The Effects of Public Policy on Child Labor: Current Knowledge, Gaps, and Implications for Program Design, *World Development*, 110:104-123

Scholarly Work in Progress

Galdo,J. Dammert, A., and D. Abebaw (2019) He Said, She Said: Child Labor Measurement in Ethiopia (submitted)

Alzua, M., N. Cantet, A. Dammert, and D Olajide (2019) Welfare Effects of a Non-Contributory Old Age Pension: Experimental Evidence for Ekiti State, Nigeria (submitted)

Afodjo, N., Dammert, A. and J. Galdo (2019) Network Effects in Coffee Production (in progress)

Dammert, A. and A. Nansamba (2019) Skills Training and Business Outcomes: Experimental Evidence from Liberia (in progress)

Dammert, A., B. Ural-Marchand and C. Wan (2012) Gender Wage-Productivity Differentials and Global Integration in China.

Dammert, A. (2007) Does Child Labor Decline with Household Income? Evidence from a Nonparametric and Semiparametric Approach.

Other (Non-refereed) Scholarly Publications

Dammert, A. and M. Valdivia (2001) Targeting Public Transfers in Peru: An Evaluation of Individual Identification Instruments, Economia y Sociedad, No 43, Economic Research Consortium, Lima, Peru.

Dammert, A. (2001) Access to Health Services and Infant Mortality in Peru, Investigaciones Breves, No 18, Economic Research Consortium, Lima, Peru.

External Research Funding

IZA/DFID Growth and Labor Markets in Low Income Countries, with J.Galdo and B.Shiferaw (co-PI). 2014-2019.

Social Sciences and Humanities Research Council of Canada (SSHRC), Standard Research Grant (sole investigator). 2010-2015.

Social Sciences and Humanities Research Council of Canada (SSHRC), Insight Development Grant, with B. Ural-Marchand and C. Wan (co-PI). 2011-2013.

Inter-American Development Bank, Research Network Project on Information and Communication Technologies and Societal Empowerment, with J. Galdo and V. Galdo (co-PI). 2009

Association of Universities and Colleges of Canada, Latin American and Caribbean Research Exchange Grant (sole investigator). 2009

Seminars and Conference Presentations

2020: CSAE - Oxford University (scheduled)

2019: Dalhousie University, Department of Economics

2018: ICABR Conference, World Bank; 4th IZA/DFID GLM-LIC Research Conference, Ann Arbor, Michigan

2017: Canadian Economics Association, Antigonish; European Economic Association, Lisbon, Portugal

2016: World Bank - DIME, Washington D.C.; 3rd Peruvian Economic Association Meeting - Universidad Catolica del Peru, Lima (invited speaker); IDRC, Ottawa; Latin American and Caribbean Economics Association (LACEA), Medellin Colombia.

2014: European Economic Association, Toulouse, France; Canadian Economics Association, Vancouver.

2013: Research Conference in Development (RECODE), Ottawa; Canadian Economics Association, Montreal.; 10th Midwest International Economic Development Conference, Madison WI.

2012: Latin American and Caribbean Economics Association; University of Ottawa, Department of Economics; McGill University, Department of Economics and Institute for the Study of International Development.

2011: European Meeting of the Econometric Society, Oslo, Norway; Canadian Economics Association, Ottawa; Mini-Conference on Development,CIRPEE, Quebec City

2009: Grupo de Analisis para el Desarrollo (GRADE), Lima, Peru

2008: Poverty Reduction, Equity and Growth Network (PEGNet) Conference, Accra, Ghana; Third IZA/World Bank Conference on Employment and Development, Rabat, Morocco; ITAM, Department of Economics,Mexico City, Mexico; Carleton University, Department of Economics; The International Food Policy Research Institute (IFPRI), Washington D.C. Department of Economics, University of Waterloo, Canada.

2007: Latin American Meeting of the Econometric Society, Bogota, Colombia; Latin American and Caribbean Economics Association, Bogota, Colombia; Department of Economics, Universidad del Pacifico, Lima, Peru; Universidad de Piura, Department of Economics,Lima, Peru; IZA Workshop:Child Labor in Developing Countries, Bonn, Germany;

2006: McMaster University, Department of Economics, Canada ; Queens University, Department of Economics, Canada.

2005: Latin American and Caribbean Economics Association (LACEA), Paris, France; Northeast Universities Development Consortium Conference (NEUDC), Brown University; Econometric Society World Congress, London, UK; Canadian Economics Association, Hamilton, Ontario.

Other Professional Activities

Associate Editor of Economia, Pontificia Unversidad Catolica del Peru (PUCP) 2019 - present

Member, Scientific Support Team, Policy Impact Evaluation Research Initiative (PIERI), Partnership for Economic Policy (PEP) at Laval University (2012-present).

Member, SSHRC Insight Grant Adjudication Committee - Economics (2018,2019)

Scientific Member of the 2018 Latin American Workshop in Econometrics, Econometric Society, Universidad del Pacifico, Peru (2018)

External Project Advisor, Mathematica Policy Research, Washington D.C. (2017-2018).

External Project Advisor, 3ie - International Initiative for Impact Evaluation (2010-2012).

Certificate in University Teaching Skills, Carleton University, June 2011.

Research Affiliations

Research Fellow, Institute for the Study of Labor (IZA), Bonn, Germany. 2009 - present.

Member, IZA Child Labor Network, Bonn, Germany. 2007-present.

Research Affiliate, Institute for the Study of Labor (IZA), Bonn. 2006-2009.

Reviewer for: American Economic Journal: Economic Policy, American Journal of Agricultural Economics, Agricultural Economics, Canadian Journal of Economics, Demography, Economic Development and Cultural Change, Economics of Education Review, Energy Economics, Education Economics, Economic Inquiry, Food Policy, Health Education Research, IZA Journal of Development and Migration, Journal of African Economies, Journal of Contemporary Issues in Education, Journal of Development Economics, Journal of Development Studies, Journal of Health Economics, Journal of International Development, Journal of Population Economics, LABOUR: Review of Labour Economics and Industrial Relations, Latin American Research Review, Latin American Economic Review, Research in Labor Economics, Bulletin of Economic Research, Economic Analysis Review, Review of Economics of the Household, World Development, World Bank Economic Review.

Executive Positions

Executive Council Member, Canadian Economics Association, June 2017- present

Executive Committee Member, Canadian Women Economist Network (CWEN), June 2010 - May 2013

Professional Honours

Goekjian Research Fellow, Moynihan Institute of Global Affairs at Maxwell School of Citizenship and Public Affairs, Syracuse University, 2003-2004.

Graduate School Scholarship, Syracuse University, 2001-2005.

Phi Beta Delta - Scholastic Honor Society for International Students, 2001

Academic Responsibilities

Undergraduate Courses Taught

McMaster University

ECON 3T03- Topics in Development Economics (2006- 2008)

Carleton University

ECON 3508- Introduction to Economic Development

ECON 4507- The Economics of Development

Graduate Courses Taught

Carleton University

INAF 5009 - International Aspects of Economic Development

INAF 5600 - Human Resource Development

INAF 5609 - Development Project Evaluation and Analysis

ECON 5505 - Economic Development: International Aspects

Supervision

Completed

Economics Honours Research Essay, Carleton University

BPAPM Honours Research Essay, Carleton University (2)

Master Research Paper NPSIA: Committee Member(1), Co-supervisor (1), Supervisor (2)

Ph.D. Internal/External Examiner: School of Public Policy and Administration, Carleton University, 2015

Ph.D. External Examiner: Economics, University of Toronto, 2016

Ph.D. Committee Member: Economics, Ottawa-Carleton Graduate School of Economics, 2016

In progress

Ph.D. Co-Supervisor: Economics, Ottawa-Carleton Graduate School of Economics

Ph.D. Committee Member: Economics, Ottawa-Carleton Graduate School of Economics

Administrative Responsabilities

Member FPA OGS Adjudication Committee, Carleton University, 2020

Member of the Senate Educational Equity Committee, Carleton University, 2017

Department of Economics

MA Supervisor, 2017 - present

Member, Planning Committee, 2016 - present

Member, CRC Sustainable Energy and Environmental Economics Hiring Committee, 2019

Economics Seminar and Brownbag Coordinator, 2016 - 2019

Chair, Empirical Microeconomics Hiring Committee, 2018

Member, Macroeconomics Hiring Committee, 2014

Member, Undergraduate Committee, 2010 - 2012, 2013 - 2014

Member, Kroeger College Development and International Studies Subcommittee, 2010

Member, Promotion and Tenure Committee, 2009

NPSIA

Member, Hiring Committee, 2019

Member, Promotion and Tenure Committee, 2010, 2014, 2018, 2019

Faculty of Public Affairs Faculty Board Representative, 2016

Member, Faculty of Public Affairs Computer Committee, 2013 - 2015

Member, Curriculum and Teaching Committee, 2013

Last updated: March 2020

NAME: Vivek H. Dehejia
DEPARTMENT: Economics
TELEPHONE: 613-520-6661
E-MAIL: vivek_dehejia@carleton.ca

A. EDUCATION

1995	Ph.D., Columbia University
1993	Ph.M., Columbia University
1992	A.M., Columbia University
1990	B.A. (Hons.), Carleton University University Medal in Social Sciences

Ph.D. Fields: International Economics; Development Economics; Macroeconomics
Research Fields: International Trade; International Aspects of Economic Development; International Macroeconomics
Current Research Topics: Globalization; Currency Regimes; Economic Applications of Choice Theory
Dissertation Title: "Three Essays on International Trade"
Dissertation Sponsor: Jagdish N. Bhagwati
Other Advisors: Robert Mundell; Alessandra Casella; John McLaren
Awarded distinction
SSHRC Doctoral Dissertation Fellowship, 1992 - 1994
Alfred P. Sloan Foundation Doctoral Dissertation Fellowship, 1994 - 1995

B. EMPLOYMENT

1995 - 2001	Assistant Professor of International Affairs, Carleton University (with tenure from July 1, 1999) (cross-appointed, Economics, July 1, 1999)
2001 - 2003	Associate Professor of International Affairs and Economics (promoted July 1, 2001)
2003 -	Associate Professor of Economics and International Affairs (100/0 cross appt. July 1, 2003)
2004 -	Associate Professor of Economics (effective January 1,2004)

2017 -	Associate Professor of Economics and Philosophy (100/0 cross) effective 1 July

C. RESEARCH AFFILIATIONS AND OTHER PROFESSIONAL APPOINTMENTS

1996 - 2001	Research Affiliate Transition Economics Programme Centre for Economic Policy Research London, U.K.
1997 - 2005	Research Associate William Davidson Institute University of Michigan Business School Ann Arbor, Michigan
1999 -	Research Fellow (affiliate until 12/2001) CESifo University of Munich Munich, Germany
1999 -	Associate Editor Economics & Politics Basil Blackwell Publishers
2007 -	Fellow, CUTS Centre for International Trade, Economics, and Environment Jaipur, India
2015 -	Resident Fellow in Political Economy IDFC Institute Mumbai, India

D. PUBLICATIONS

1. Refereed Scholarly Publications

(a). Articles in Refereed Journals

"The Severity of Business Cycles in a Simple 'New Keynesian' Macromodel", The Journal of Economics, 1992, vol. XVII, pp. 39 - 42.

"Religion and Economic Activity in India: An Historical Perspective" (with Rajeev H. Dehejia), American Journal of Economics and Sociology, 1993, vol. 52, no. 2, pp. 145 - 153.

"Optimal Endogenous Growth in a Two-Sector Model with Learning-by-Doing and Spillovers", Journal of Economic Integration, 1993, vol. 8, no. 1, pp. 100 - 115.

"The Laffer Curve and Precautionary Taxation: A Rationale for Paying Down the National Debt" (with Nicholas Rowe), Australian Economic Papers, 1995, vol. 43, no. 65, pp. 322 - 331.

"The Effect of Business Cycles on Growth: Keynes vs. Schumpeter" (with Nicholas Rowe), Economic Inquiry, 1998, vol. 36, pp. 501 - 511.

"Can Standards Immiserize?", Economics Letters, 1998, vol. 59, pp. 361 – 366.

"Tax Competition in the European Union" (with Philipp Genschel), Politics & Society, 1999, vol. 27, no. 3, pp. 403 – 430.

"Optimal Restructuring under a Political Constraint", Journal of Economic Dynamics & Control, 2001, vol. 25, pp. 1989 - 2006.

"Tariff Jumping Foreign Investment and Capital Taxation" (with Alfons J. Weichenrieder), Journal of International Economics, 2001, vol. 53, no. 1, pp. 223 – 230.

"Will Gradualism Work When Shock Therapy Doesn't?", Economics & Politics, 2003, vol. 15, no. 1, pp. 33 - 59.

"Trade and Labour Standards: Theory and New Empirical Evidence" (with Y. Samy), Journal of International Trade and Economic Development, 2004, vol. 13, no. 2, pp. 179 – 198.

"Currency Options for Emerging Economies: Concepts and Arguments", Economický Časopis, 52/4, May 2004.

"Output and Unemployment Dynamics in Transition" (with D. Dwyer), The Journal of Policy Reform, 2004, vol. 7, no. 2, pp. 69 - 81.

"Would a Borderless North America Kill Canadian Culture?" (with J. Dean), American Review of Canadian Studies, Summer 2006, 313 – 327.

"An Assessment of the Currency Regime in Bosnia and Herzegovina" (with N. Kamhi), Emerging Markets Finance and Trade, November-December 2006, volume 42, number 6, 46 – 58.

"Labor Standards and Economic Integration in the European Union: An Empirical Analysis" (with Y. Samy), Journal of Economic Integration, December 2008, volume 23, number 4, 817 – 847.

"Trade and Labor Standards in the European Union: A Gravity Model Approach" (with Y. Samy), International Trade Journal, October 2011, volume 25, number 5, 581 - 618.

"International Income Comparisons and Social Welfare: Methodology, Analysis, and Implications" (with M. Voia), Journal of Globalization and Development, June 2012, Volume 3, Issue 1, Article 1.

"A Note on the Solow-Swan Growth Model with a Fixed Wage", Journal of Social and Economic Development, 2013, Volume 15, 25 – 31.

"Will GST Exacerbate Regional Divergence?" (with P. Chakravarty), Economic and Political Weekly, vol. 52, nos. 25-26, June 2017.

(b). Articles in Refereed Conference Proceedings/Booklets

"International Trade and the Domestic Wage Structure: Alternative Explanations", Konjunkturpolitik, 1996, vol. 42, nos. 2-3, pp. 155 - 180.

"The 'One Nation' Fallacy in a 'New' India" (with P. Chakravarty), Policy Watch No. 5, The Hindu Centre for Politics and Public Policy, Chennai, August 10, 2017.

2. Other (Non-refereed) Scholarly Publications
(a). Books; book chapters in Non-refereed Books; booklets/ reports

"Freer Trade and Wages of the Unskilled: Is Marx Striking Again?" (with Jagdish Bhagwati), in: J. Bhagwati and M. Kosters, eds., Trade and Wages: Leveling Wages Down? (Washington, DC, AEI Press), 1994, pp. 36 - 75.

"International Trade, Labour Turnover, and the Wage Premium: Testing the Bhagwati-Dehejia Hypothesis for Canada" (with E. Beaulieu, O. Zakhilwal), in: E. Dinopoulos, P. Krishna, A. Panagariya, and K. Wong (eds), Trade, Globalization, and Poverty: Papers in Honor of Jagdish Bhagwati, Routledge, 2007.

"Trade and Labor Standards: New Empirical Evidence" (with Y. Samy), in: R. Kanbur and J. Svejnar (eds), Labour Markets and Economic Development, Routledge, 2009.

"In Lieu of a Postface: An Appreciation of Edward W. Said", in: M. Courville, Edward Said's Rhetoric of the Secular, Continuum, 2010.

Indianomix: Making Sense of Modern India (with R. Subramanya), Random House India, December 2012 (commissioned book publication; reprinted in paperback, April 2015).

"Special Economic Zones: A Key Driver of Good Job Creation" (with Pravin Krishna), in: A. Kant (ed.), The Path Ahead: Transformative Ideas for India, Rupa Publications, New Delhi, 2018.

"India and the Ratings Agencies" (with P. Misra), in: B. Debroy, A Ganguly, and K. Desai (eds.), Making of New India: Transformation under Modi Government, Wisdom Tree Publishers, New Delhi, 2018.

(b). Articles in Non-refereed Conference Proceedings

"Shock Therapy vs. Gradualism: A Neoclassical Perspective", Eastern Economic Journal, 1996, vol. 22, no. 4, 425 - 431.

(c). Discussion Papers

"Income Distribution and the Limits to Policy Reform: Shock Therapy or Gradualism?", Research Memorandum No. 343, Institute for Advanced Studies, Vienna, Austria, May 1994.

"Adjustment in Trade Models", Development Studies Working Paper 11, NPSIA, Carleton University, Ottawa, Ontario, October 1995.

"The Dynamics of Debt and Taxation: The Case of Endogenous Time Preference", Development Studies Working Paper 12, NPSIA, Carleton University, Ottawa, Ontario, October 1995.

"A Note on the Solow-Swan Growth Model with a Fixed Wage", Development Studies Working Paper 13, NPSIA, Carleton University, Ottawa, Ontario, October 1995.

"Macroeconomic Stabilization: Fixed Exchange Rates vs. Inflation

Targeting vs. Price Level Targeting" (with N. Rowe), Carleton Economics Papers, 1999-15.

"Optimal Globalization and National Welfare" (with J. Dean, et. al.), Carleton Economics Papers 2004-17.

"Democracy and Development: Friends or Foes?", Carleton Economics Papers, 2007-11.

"Risk Aversion, Stochastic Dominance, and Rules of Thumb: Concept and Application", Carleton Economics Papers, 2008-1.

"Can Median-Maximizing Behavior Be Rational?" (with J. Zhang), Carleton Economics Papers, 2008-9.

"The Fallacy of the 'Free Market' and the Future of Globalization", Carleton Economics Papers 2010-9.

"India's Curious Case of Economic Divergence" (with P. Chakravarty), IDFC Institute Briefing Paper #3, September 5, 2016, IDFC Institute, Mumbai, India.

"Is the World Retreating from Globalisation?" (with J. Dean), IDFC Institute Briefing Paper #4, February 6, 2017, IDFC Institute, Mumbai, India.

"India's Income Divergence: Governance or Development Model?" (with P. Chakravarty), IDFC Institute Briefing Paper #5, March 23, 2017, IDFC Institute, Mumbai, India.

(d). Book Reviews and Cultural Essays

Review of Alan D. Woodland, ed., Economic Theory and International Trade: Essays in Honour of Murray C. Kemp, Edward Elgar, 2002; Journal of International Trade and Economic Development, June 2003.

"Dashiell Hammett: The unchallenged doyen of noir & detective fiction", Sunday Guardian (New Delhi & London), August 14, 2011 (print and website).

"Dissecting the great Indian democratic trail since 1950", Sunday Guardian (New Delhi & London), March 18, 2012 (print and website).

"Inclined to decline: it's déjà vu all over again in America",

Sunday Guardian (New Delhi & London), May 20, 2012 (print and website).

Review of Robert U. Ayres and Benjamin Warr, The Economic Growth Engine: How Energy and Work Drive Material Prosperity, Edward Elgar, 2009; Journal of Industrial Ecology, vol. 16, issue 3, June 2012, 451 – 452.

"The columnist's conscience", Mint Lounge, September 1, 2012 (print and website).

Review of N.N. Taleb's "Antifragile", Mint Lounge, March 30, 2013 (print and website).

Mini-review of Ronald McKinnon's "The Unloved Dollar Standard", Mint, December 31, 2014 (website).

Review of A. Atkinson's "Inequality: what can be done?", Mint, June 26, 2015, p. 31.

Mini-review of Akeel Bilgrami's "Secularism, Identity, and Enchantment", December 31, 2015 (Mint website).

Mini-review of Dani Rodrik's "Economics Rules", December 30, 2016 (Mint website).

Mini-review of Carl Schorke's "Fin de Siecle Vienna: Politics and Culture", December 31 (Mint website).

(e). Articles in magazines, journals, and newspapers

"Where are the second-generation reforms?", Pragati: The Indian National Interest Review, December 2010, pp. 5 - 7.

"The right's idea deficit", Pragati: The Indian National Interest Review, January 2011, pp. 19 - 20.

"The false fixation on FDI", Financial Times (London), February 25, 2011 (FT.com website).

"Reforms win elections", Pragati: The Indian National Interest Review, March 2011, pp. 13 - 14.

"How relevant are Gandhi and Jinnah today?", Express Tribune (Pakistan), April 6, 2011, p. 7 (print edition and website).

"After the robber barons", International Herald Tribune, April 14, 2011, p. 6 (worldwide print edition and NYTimes.com website).

"What next after the robber barons?", Financial Times, Economists' Forum, May 9, 2011 (FT.com website).

"Uncertain Future for Rapidly Growing India", The Atlantic, International, June 2, 2011 (TheAtlantic.com website).

"Politics as showbiz", The Indian Express, June 3, 2011, p. 13 (print edition and IndianExpress.com website).

"From Bombay to Mumbai: The Death Pangs of a Great City", The India Site (Patrick French), June 13, 2011 (theindiasite.com website); edited and republished in Express Tribune (Pakistan), July 26, 2011, p. 7 (print edition and website).

"To gain legitimacy, NAC's members need public vetting", Firstpost, June 15, 2011 (Firstpost.com website) .

"Triumph of opportunism over principle", Business Standard, June 26, 2011, p. 13 (print edition and website).

"Is the PM really an economic reformer?", Financial Express, July 7, 2011, p. 9 (print edition and FinancialExpress.com website).

"Why no reforms?", Hindustan Times, July 8, 2011, p. 10 (print edition and HindustanTimes.com website).

"Don't blame 'neoliberal' reforms for corruption", Financial Times (London), July 25, 2011 (FT.com website).

"Is India heading into a middle income trap?", Financial Times, Economists' Forum, August 4, 2011 (FT.com website).

"When a city goes up in flames", The India Site (Patrick French), August 12, 2011.

"Growing slow but steady", Hindustan Times, November 18, 2011, p. 14 (print edition and HindustanTimes.com website).

"Mumbai, three years after 26/11", Financial Times, November 25, 2011 (FT.com website).

"The world's not so flat", Hindustan Times, December 9, 2011, p. 12 (print edition and HindustanTimes.com website).

"When good politics is bad economics", Business Standard, December 17, 2011, p. 14 (print edition and website).

"Can capitalism and morality be friends?", Hindustan Times, February 4, 2012, p. 14 (print edition and HindustanTimes.com website).

"Leave it to the voters, please", Hindustan Times, May 17, 2012, p.12 (print edition and HindustanTimes.com website).

"Reform by stealth, the original sin of 1991, has come back to haunt us" (interactive Q&A with Vivek Kaul), Daily News and Analysis (DNA), Mumbai, August 6, 2012, p. 13.

Excerpts in three parts of "Indianomix: Making Sense of Modern India", Wall Street Journal India, December, 2012.

"Indian economy, missing women, BJP and cricket" (interactive Q&A on "Indianomix" with Faisal Kidwai and Rupa Subramanya), Rediff.com, December 17, 2012.

"It's luck: Explaining Sonia's rise, BJP's 2004 loss and cricket debuts" (interactive Q&A on "Indianomix" with Vivek Kaul), FirstPost, December 19, 2012.

"'Modi model', template for India's development?", Rediff.com, January 16, 2013.

"The final harvest of Modi's personality cult has yet to be reaped", Rediff.com, January 22, 2013.

"The Wharton Affair (or the Right to Bad Manners)" (with K. Nundy), Business Standard, March 11, 2013, p. 13.

"The notorious difference-makers", Business Standard, April 10, 2013, p. 10.

"What's age got to do with it?", Indian Express, April 20, 2013, p. 15.

"The real moral failure in the food security bill debate", Business Standard, May 8, 2013, p. 12.

"Choosing the right development paradigm for India" (invited contribution on the "Sen-Bhagwati debate"), Mint, July 19, 2013, p. 8.

"Don't look for any easy answers in India's new poverty numbers", Business Standard, July 28, 2013, p. 13.

"The importance of Ronald Coase", Mint, September 5, 2013, p. 24.

"Volatility's the problem", Business Standard, September 8, 2013, p. 13.

"Beethoven and Freedom in Srinagar: Zubin Mehta's concert in Srinagar was avowedly political", Mint, September 10, 2013, p. 23.

"Narendra Modi, historian", Mint, November 13, 2013, p. 22.

"One, not two, cheers for AAP", Mint, January 9, 2014, p. 23.

"Why no centre-right political party in India today?" (with Rupa Subramanya), Business Standard, February 17, 2014, p. 12.

"Free speech and its overzealous defenders", Mint, February 18, 2014, p. 23.

"The shadow of 2004 hangs over the 2014 elections", Cafe Dissensus, March 17, 2014.

"India elections: Should India go presidential?", Financial Times beyondbrics, March 31, 2014.

"Is India about to turn fascist?", Mint, April 15, 2014, p. 23.

"Jagdish Bhagwati deserves the Nobel", Mint, April 22, 2014, p. 23.

"The heart of Modinomics", Mint, May 15, 2014, p. 23.

"Burying the ghosts of BJP's 2004 defeat", Mint, May 19, 2014, p. 23.

"India's first past the post election myths" (with R. Abraham), Mint, May 22, 2014, p. 23.

"Making a 'supply side' revolution", Mint, June 24, 2014, p. 23.

"Illusions bred by a reserve currency", Mint, July 18, 2014, p. 23.

"Canada and India: A New Beginning" (with Rupa Subramanya), Canada-Asia Agenda, Asia Pacific Foundation, April 7, 2015.

"Harper-Modi combo bodes well for Canada-India relationship" (with Rupa Subramanya), Toronto Star, April 9, 2015, p. A19.

"Time to get serious with India" (with Rupa Subramanya), National Post, April 14, 2015, p. A13.

"A manifesto for a limited state" (with Reuben Abraham), Hindustan Times, July 6, 2016, p. 18.

"By ignoring free trade's excesses, we lost those on the margins" (with James Dean), Globe and Mail, Report on Business Commentary, August 27, 2016.

"The gap between rich and poor states" (with Praveen Chakravarty), Hindu, September 5, 2016.

"The Odd Couple: How Trudeau can find common ground with Trump, even on trade" (with James Dean), Open Canada, November 14, 2016.

"Here's why we should give demonetization push a fair chance", Swarajya, November 15, 2016.

"Looking back at demonetisation: The concerns of its legion of critics have all been proven plain wrong" (with J. Bhagwati and P. Krishna), Times of India, March 30, 2017.

"RBI data isn't enough: It's premature to argue if demonetisation was a success or failure" (with J. Bhagwati and P. Krishna) The Print, September 5, 2017.

"A case for state level enterprise surveys", Hindu Business Line, October 15, 2017 (with S. Ravi and V. Tandel).

"What Surjit Bhalla got wrong about our study on spatial inequality in India", The Print, August 18, 2018.

“Poverty or inequality: What is more important for India and Indian economists?”, The Print, August 27, 2018.

“Indian central bank chief's exit signals retreat of liberal economics”, Nikkei Asian Review, December 12, 2018.

(f) Contributing writer to the New York Times' "India Ink" blog: http://india.blogs.nytimes.com .

"The India Growth Story: Glass Hall Full or Half Empty?", September 13, 2011.

"Has Globalization Helped India's Poor?", October 7, 2011.

"The Developing World, Leading on Climate Change?", November 9, 2011.

"Four reasons why Shashi Tharoor is wrong", December 20, 2011.

“The Great Gatsby Comes to India”, March 12, 2012.

“Can India’s ‘Mr. Fix-it’ Spur Growth?”, March 16, 2012.

“Budget 2012 Analysis: Did Mukherjee Deliver?”, March 16, 2012.

“What Does India’s Poverty Line Actually Measure?” (with Nikhila Gill), April 4, 2012.

“Who Deserves Welfare in India?” (with Nikhila Gill), April 10, 2012.

“The Cookstove Conundrum”, April 23, 2012.

“Who Cares if the Rupee Keeps Falling?”, May 24, 2012.

“Don’t Count India Out Just Yet”, June 11, 2012.

“Announcing...the Winner of India Ink’s Finance Minister Contest”, June 29, 2012.

“Manmohan Singh, Overachiever?”, July 11, 2012.

“From the Prime Minister’s Twitter Feed, A Puzzling View of Foreign Investment”, July 17, 2012.

“Has Manmohan Singh Gambled Enough?”, September 24, 2012.

"Is India's Rising Billionaire Wealth Bad for the Country?", October 30, 2012.

"A Conversation with: Economist and Author Vivek Dehejia", January 8, 2013.

(g) Monthly column "Marginalia", Business Standard, India (print newspaper plus website).

"The BJP's poll star", June 11, 2013, p. 10.

"Can Modi pull off a Thatcher?", July 9, 2013, p. 10.

"Why are reforms difficult?", August 6, 2013, p. 14.

"Fixed or flexible exchange rate?", September 3, 2013, p. 10.

"The truth about competition", October 1, 2013, p. 12.

"Pleasures and perils of inequality", October 29, 2013, p. 16.

"The 'what if' question", November 26, 2013, p. 10.

"The myth of fair pay", December 24, 2013, p. 12.

"Middle-class revolutions, again", January 21, 2014, p. 14.

"Enter, exit polls", March 18, 2014, p. 12.

"Behind the 'positive' data", April 22, 2014, p.8.

"The true 'cost' of elections", May 20, 2014, p. 16.

"Rise of the 'supply side', June 17, 2014, p. 12.

"Aiming at the wrong target", July 15, 2014, p. 10.

"A monetary policy paradigm", August 19, 2014, p. 12.

(h) Fortnightly column "In the Margins", Mint, India (print newspaper plus website).

"Narendra Modi going the Stephen Harper way", November 10, 2014, p. 30.

"Climate change: boxing India into a corner", November 24, 2014, p. 30.

"The delusions of economists", December 8, 2014, p. 30.

"Making an industrial superpower", December 22, 2014, p. 30.

"The right stuff, at last", January 5, 2015, p. 22.

"RBI's early rate cut", January 19, 2015, p. 30.

"Charlie Hebdo and the 'but brigade'", January 13, 2015, p. 31. [extra column]

"A trade war brewing", February 2, 2015, p. 30.

"The road from Delhi", February 16, 2015, p. 30.

"Pragmatism writ large", March 2, 2015, p. 30.

"Modi's Thatcher Moment", March 16, 2015, p. 30.

"An unholy alliance", March 30, 2015, p. 30.

"The Narendra Modi brand of reforms", April 13, 2015, p. 30.

"Giving up agriculture", April 27, 2015, p. 30.

"Cracks begin to show in Modi government", May 11, 2015, p. 30.

"Agenda for the future", May 25, 2015, p. 30.

"A political gridlock in India", June 8, 2015, p. 30.

"The Maggi and Modi affair", June 22, 2015, p. 14.

"A Europe sans union", July 6, 2015, p. 30.

"The peril of cheap money", July 20, 2015, p.30.

"In defence of the financial code" (with Rajeswari Sengupta), July 28, 2015, p. 31. [extra column]

"Individuals vs institutions", August 3, 2015, p. 30.

"Climate games in New Delhi", August 17, 2015, p. 30.

"Reforms in the freezer", August 31, 2015, p. 30.

"A difficult inflection point", September 14, 2015, p. 30.

"Trade and national interest", October 12, 2015, p. 30.

"The uncanny resemblance between Stephen Harper and Narendra Modi", October 26, 2015, p. 30.

"Bihar results: The buck stops with Narendra Modi, Amit Shah", November 9, 2015, p. 30.

"Hold your ground in Paris", November 23, 2015, p. 30.

"Slow and steady at midway", December 7, 2015, p. 30.

"Message from Nairobi", December 21, 2015, p. 22.

"Testing direct democracy", January 18, 2016, p. 22.

"The truth of democracy", February 1, 2016, p. 30.

"The wrong priority for India", February 15, 2016, p. 22.

"India is an outlier in its tax policy" (with P. Chakravarty), February 23, 2016, p. 31. [extra column]

"Tax to GDP Ratio, Redux", February 29, 2016, p. 30.

"Union budget: show me the money (where will the money come from)", March 1, 2016, p. 30. [extra column]
"Swipe right for free trade", March 14, 2016, p. 30.

"Modinomics at two", March 28, 2016, p. 30.

"Time for a world currency?", April 11, 2016, p. 30.

"It's the story, stupid", April 25, 2016, p. 22.

"Don't blame it on NITI Aayog", May 9, 2016, p. 30.

"Congress's long goodbye", May 23, 2016, p. 30.

"Demonizing Donald Trump won't work", June 6, 2016, p. 30.

"Time to put the Rajan affair behind", June 20, 2016 [special column, in print June 21, p. 14.]

"India's pragmatic liberalism", July 4, 2016, p. 22.

"The genius of Robert Mundell", July 18, 2016, p. 30.

"Is globalism dead?", August 1, 2016, p. 22.

"The currency question", August 15, 2016, p. 22.

"Coraggio, governor Patel!", August 29, 2016, p. 30.

"Globalization paradoxes, redux", September 12, 2016, p. 18.

"Arvind Panagariya is right: MCI must go", September 22, 2015, p. 20. [extra column]

"No exit: unconventional monetary policies", September 26, 2016, p. 20.

"Central bankers need new tools" (with J. Dean), October 6, 2016, p. 19. [extra column]

"Jagdish Bhagwati and trade issues today", October 9, 2016, p. 20.

"Leave Pakistan's MFN status intact" (with P. Krishna), October 14, 2016, p. 19. [extra column]

"The kool-aid of negative rates", October 24, 2016, p. 18.

"Free trade's false friends", November 7, 2016, p. 18.

"A return to Reaganomics?", November 15, 2016, p. 20.

"The case for sound money", November 21, 2016, p. 16.

"Fixing the plumbing — of our political economy", December 6, 2016, p. 22.

"The many canards surrounding currency swap", December 19, p. 16.

"Demonetisation Myths and Demonetisation Maths" (with J. Bhagwati and P. Krishna), December 27, 2016, p. 15. [extra

column]

"Demonetisation's hydra-headed critics", January 2, 2016, p. 16.

"Demonetisation debates, redux", January 16, 2016, p. 14.

"The failure of elite wisdom", January 30, 2016, p. 18.

"A routine affair", February 2, 2017, p. 8.

"Will GST exacerbate India's economic divergence?" (with P. Chakravarty), February 8, 2017, p. 17.[Mint Essay]

"Promise and peril of place-based policies", February 13, 2017, p. 18.

"Trump is on the money on US Fed", February 27, 2017, p. 18.

"A more perfect union", March 13, 2017, p. 18.

"Income divergence: governance or development model?" (with P. Chakravarty), March 22, 2017, p 17. [Mint Essay]

"Why care about inequality?", March 27, p. 14.

"Will the GST increase political fragmentation?", April 10, p. 14.

"The relationship between economics and politics", April 24, p. 14.

"Understanding NITI Aayog's action agenda" (with P. Krishna), May 4, 2017, p. 15. [extra column]

"Why governments make poor economic choices", May 8, p. 14.

"Inflation targeting's Canadian roots", May 22, p. 14.

"Privatize Air India now" (with P. Krishna), May 29, 2017, p. 15. [extra column]

"India, Israel, and a natural ideological affinity", June 5, 2017, p. 14.

"The importance of ease of doing business", June 19, 2017, p. 14.

“The politics of culture and language”, July 3, p. 14.

“India and the Mundell-Laffer Policy Mix”, July 17, p. 14.

“The analogy between Richard Nixon and Donald Trump”, July 31, p. 14.

“Cut the monetary policy committee some slack”, August 14, p. 14.

“Calls to weaken rupee are misguided”, August 28, p 14.

“The ‘3-3-3’ puzzle and what to do about it”, September 11, p. 14.

“Narendra Modi needs to press the gas pedal on reforms”, September 25, p. 14.

“No need to panic, no time for complacency”, October 9, p. 14.

“Narendra Modi’s nudge toward digitization”, October 23, p. 14.

“India is right to focus on ease of doing business”, November 5, p. 14.

“Catalonia’s lessons for India”, November 20, p. 14.

“Suresh Prabhu’s Buenos Aires Tango”, December 4, p. 14.

“A geometry of international trade”, December 18, p. 14.

“Hold the line on the fisc”, January 15, 2018, p. 14.

“The myth of the myth of ‘jobless growth’”, January 29, p. 14.

“India’s protectionist folly” (with P. Krishna), February 12, p. 14.

“Justin Trudeau’s false fixation with ‘progressive’ trade”, February 26, p. 14.

“Donald Trump, trade wars, and optimum tariffs”, March 12, p. 14.

“Congress heads back to the centre on economics”, March 26, p.

14.

"Would Chandrababu Naidu have quit NDA had there been no GST?", April 8, p. 14.

"How Milton Friedman and Edmund Phelps changed macroeconomics", April 23, p. 14.

"The immensity of the job creation problem in India", May 7, p. 14.

"Will the Karnataka problem establish clear principles?", May 21, p. 14.

"The political economy takeaways from Thoothukudi", June 4, p. 14.

"Demonetisation failed to make India a 'less cash' society", June 18, p. 14 [with Rupa Subramanya].
"The challenge of formalising the Indian economy", July 2, p. 14.

"Simultaneous elections are a bad idea", July 11, p. 15 [extra column}.

"The link between business and politics in India", July 16, p. 14.

"Is India living through a new 'gilded age'?", July 30, p. 14.

"From Nehru's 'idea of india' to Modi's 'new india'", August 13, p. 18.

"Modicare is not enough to reform healthcare" (with R. Lall), August 28, 2018 p. 15.

"Rahul Gandhi should reclaim the mantle of reforms", September 10, p. 14.

"Rise of populism is lasting legacy of Lehman crisis", September 15, p. 14. [extra column]

"Trade liberalization folly: From high road to low road", September 24, p. 14.

"Ill winds blow on Mint Road", October 8, p. 14.

"There no viable alternatives to inflation targeting", October 22, p. 14.
"Eroding the functional autonomy of RBI", November 5, 2018, p. 14.

"An economist who never pulled his bunches", November 19, p. 14.

"'America First" hastens the demise of US hegemony (with James Dean), December 3, p 14.

"Watching a tragedy unfold", December 17, 2018.

"The Faustian bargain we have struck with 'godless secularism'", December 31, 2018, p. 17.

"Why the Reserve Bank of India needs de jure independence", January 14, 2019

"Don't despair at the prospect of a coalition government", January 28, p. 15.

"Narendra Modi, the Peronist Prime Minister of India?", February 11, p. 15.

"Printing currency isn't a good way to finance deficit", February 25, p. 17.

"In memory of James Woodburn Dean: a rebel with a cause", March 11, p, 13.

"Don't blame Donald Trump for Indian protectionism", March 25, 2019.

"There is much to commend the Congress poll manifesto", April 8, 2019.

"More creative destruction and less regulation would help India", April 22, 2019.

"Why the reserve bank is playing with fire with currency swaps" (with R. Subramanya), May 6, 2019.

"The big opportunity that Modi missed the reform the economy", May 20, 2019.

"Why inflation targeting in the country is a rip-roaring success", June 3, 2019.

"Trumps's trade tantrums and a delicate balancing act for India" (with P. Krishna), June 17, 2019.

"The $5 trillion-economy goal is a dangerous distraction for India" (with R. Subramanya), July 5, 2019.

"Now that the Nehruvian idea of India seems overshadowed", July 15, 2019.

"A Santa Colomba tradition and a global economy at a crossroads", July 29, 2019.

"Sovereign borrowing in dollars could be addictive" [extra], August 2, 2019.

"Special status debate uniquely Indian? Not really, read history", August 13, 2019.

"Justin trudeau: the liberal icon who has fallen from grace", August 27, 2019.

"India must not mollycoddle its automobile industry" (with R. Subramanya), September 9, 2019.

"India should take advantage of the US-China trade war" (with P. Krishna), September 23, 2019.

"The current crisis at PMC Bank serves the country a warning", October 7, 2019.

"The flawed Westminster model of parliamentary democracy", October 21, 2019.

"The Trojan horse of a trade pact that India should guard against", November 4, 2019.

"Despite the Davos view, India's right to stay out of RCEP" [extra column], November 7, 2019.

"Maybe multilateral trade ideals will return after this interlude", November 18, 2019.

"Is the Modi government about to grasp the nettle of reforms?",

December 2, 2019.

"More heat than light on the Citizenship Amendment Bill", December 16, 2019.

"In memory of Paul Volcker, a titan among central bankers", December 30, 2019.

"Endless protests without a clear goal threaten India's democracy", January 13, 2020.

"The convergence of rich nations with the rest has gone off track", January 27, 2020.

"India's rerun of its protectionist folly mars the liberalization era", February 10, 2020.

"What New Delhi must do after the US president returns home", February 24, 2020.

(i) "Economics Express", Mint, India (website and occasionally also in print).

"Do big bang reforms succeed?", November 21, 2014.

"The great global inequality debate", December 18, 2014.

"Do expert ministers lead to better policy outcomes?", January 16, 2015. [in print on page 1 the following day]

"Will the elephant overshadow the dragon?", March 5, 2015. [in print on page 1 the following day]

"Greece, Germany and the economics of currency unions", May 3, 2015 ["Mint on Sunday" long reads feature]

"Why competition may sometimes be harmful", May 24, 2015 ["Mint on Sunday" long reads feature]

"Why Mumbai's Real Estate Prices Remain Sky High", June 21, 2015 ["Mint on Sunday" long reads feature]

"Inflation targeting and the evolution of monetary policy", August 2, 2015 ["Mint on Sunday" long reads feature]

"Contagion and spillovers in the world of finance", August 30, 2015 ["Mint on Sunday" long reads feature]

"The Trans-Pacific Partnership and India's Trade Strategy", November 1, 2015 ["Mint on Sunday" long reads feature]

"Do Indian voters really care for economic growth?", November 29, 2015 ["Mint on Sunday" long reads feature]

"Douglass North and the importance of institutions", December 27, 2015 ["Mint on Sunday" long reads feature]

"The experimental turn in economics", January 31, 2016 ["Mint on Sunday" long reads feature]

"The return of trade protectionism", February 14, 2016 ["Mint on Sunday" long reads feature]

"What explains the great global slowdown?", March 20, 2016 ["Mint on Sunday" long reads feature]

"Can an economy grow forever?", April 17, 2016 ["Mint on Sunday" long reads feature]

"Why have capital flows to emerging markets slowed down?", May 14, 2016 ["Mint on Sunday" long reads feature]

"Is pro-business reform necessarily pro-growth?", June 12, 2016 ["Mint on Sunday" long reads feature]

"Convergence: a marathon, not a sprint", July 10, 2016 ["Mint on Sunday" long reads feature]

"Can India develop without industrialization?", August 7, 2016 ["Mint on Sunday" long reads feature]

"The roots of inflation in India", September 4, 2016 ["Mint on Sunday" long reads feature]

"Capital flows and the Raghuram Rajan hypothesis", October 2, 2016 ["Mint on Sunday" long reads feature]

(j) Radio, TV, and Video Interviews/Presentations

Radio interview: "Ottawa Morning" (CBC Radio One), January 23, 2002, on the state of the Canadian dollar.

TV interview: BBC World Service, India Business Report, on "India, the BRICs, and IMF Reform". Interviewer: Rajini Vaidyanathan. First broadcast worldwide on BBC World: June 5, 2011. Another, longer version broadcast on BBC Radio 4. First broadcast: June 2, 2011.

Radio interview: "As It Happens" (CBC Radio One), July 14, 2011, on the terrorist attacks in Mumbai, India on 13/7. Interviewer: Tom Harrington.

Radio interview: "The Link" (CBC Radio One/Radio Canada International), April 10, 2012, on the Canadian government's plan to boost trade ties with India. Interviewer: Rashi Khilnani.

Video interview (Vimeo): "Globalization after the Crisis: James Dean in Conversation with Vivek Dehejia", November 9, 2010.

Video seminar (Vimeo): "India in a Globalized World: A Roundtable Seminar", January 24, 2011.

Video interview (Vimeo): "Has India Emerged?: Vivek Dehejia in Conversation with Mani Shankar Aiyar", January 24, 2011.

Video interview (YouTube and Vimeo): "Can India end poverty in a generation?: Vivek Dehejia in conversation with Shekhar Shah", June 11, 2012.

Live TV interview (NDTV Profit, leading Indian business cable channel): "Can the PM Deliver on his Promise to Get India Back on the Growth Trajectory?" (interviewer: Shweta Rajpal Kohli), June 27, 2012.

Live TV interview (NDTV Profit), "Can the PM Change his 'Underachiever' Image?" (interviewer: S.R. Kohli), July 10, 2012.

Live TV interview (NDTV Profit), "Is the India growth story still intact?" (interviewer: I. Duggal), July 23, 2012.

Live TV interview (NDTV Profit), "Can P. Chidambaram deliver as Finance Minister?" (interviewer: S.R. Kohli), August 3, 2012.

Live TV interview (NDTV Profit), "Is India moving toward realising its full economic potential?" (interviewer: S.R.

Kohli), December 11, 2012.

Live TV interview (NDTV), "Wal-Mart Row: Storm in a Teacup?" (interviewer: N. Razdan), December 12, 2012.

Live TV interview (NDTV Profit), "Wal-Mart: Lobbying or Bribery?" (interviewer: S.R. Kohli), December 18, 2012.

Live TV interview (NDTV Profit), "Will 2013 be better for Indian Economy?" (interviewer: S.R. Kohli), December 26, 2012.

Live radio interview: "World Update" (BBC World Service), on the proposal for a registry of sex offenders in India (interviewer: J. Coomarasamy), December 28, 2012.

Live video interview in three parts (Niti Central) on "Indianomix: Making Sense of Modern India", January, 2013.

Live TV interview (NDTV Profit), "Can Gujarat's economic success model be replicated nationally?" (interviewer: S.R. Kohli), January 14, 2013.

TV interview (BBC World, India Business Report), "The role of religion in Indian business" (interviewer: S. Hashmi), January 20, 2013.

Live TV interview (NDTV Profit), "Cameron comes calling!" (interviewer: N. Inamdar), February 19, 2013.

Live TV interview (NDTV), "What is the significance of the Economic Survey 2013?" (interviewer: S.R. Kohli), February 27, 2013.

Live TV interview (NDTV Profit), "Global risks rising?" (interviewer: N. Inamdar), March 5, 2013.

Live radio interview (BBC World Service, Newsday programme), "India's population explosion", June 20, 2013.

Live TV interview (Times Now), "Debate: middle class pain not relevant?" (interviewer: A. Goswami), July 5, 2013.

Live TV interview (NDTV), "Rupee slides: has the government mismanaged the economy?" (interviewer: N. Razdan), July 9, 2013.

Live Radio interview (CBC Radio One, "Food security

bill" (interviewer: P. Chattopadhyay), September 6, 2013.

Live TV interview (NDTV), "Kejri-nomics: practical or wishful thinking?" (interviewer: S.R. Kohli), December 24, 2013.

Live TV interview (NDTV), "Modi-nomics: magic wand for the economy?" (interviewer: S.R. Kohli), March 20, 2014.

Live TV interview (Zee Business), "Analyzing the IIP data", April 11, 2014.

Live Radio interview (CBC Radio One), "Who is Narendra Modi?" (interviewer: A.M. Tremonti), April 17, 2014.

Live TV interview (BBC World), "India's elections" (interviewer: J. Sopel), April 30, 2014.

Live Google Hangout/YouTube video (American Enterprise Institute), "Can Narendra Modi be India's Thatcher?", May 14, 2014.

Live TV interview (CTV News Channel), on India's election outcome, May 16, 2014.

Live TV interview (NDTV), "Can Narendra Modi Rebuild Brand India?" (interviewer: N. Razdan), June 9, 2014.

Live TV interview (NDTV), "What Budget 2014 Offers For the Common Man" (interviewer: S.R. Kohli), July 10, 2014.

Live TV interview (NDTV Profit), "Rebooting India" (interviewer: S.R. Kohli), November 12, 2014.

Live TV interview (NDTV Profit), "B-School Budget" (interviewer: S.R. Kohli), February 19, 2015.

Live Google Hangout/YouTube video (American Enterprise Institute), "Is Modi and economic reformer?", April 9, 2015.

Interviews/conversations at IDFC Institute webpage (archived on YouTube).

Interview with MYIND (video podcast), June 21, 2016.

Taped radio interview (BBC World Service radio), appointment of Urjit Patel as RBI governor, August 22, 2016.

TV interview (ET Now), Pre-Budget Dialogue, January 27, 2017, Mumbai, India.

Live Facebook Conversation on the Economic Survey (with P. Chakravarty), IDFC Institute, Mumbai, February 1, 2017.

Live TV/Web interviews with Nikhila Natarajan, FirstPost, October, November 2017.

Multiple interviews on PM Trudeau visit to India.

Interview (panel debate) on "simultaneous elections" and "falling rupee" on NDTV "Left, Right, and Centre" (moderator: N. Razdan), August 14, 2018.

Most video interviews and seminars archived at vimeo.com/vdehejia and/or vivekdehejia.com .

(k) Government/Official Reports

"Ease of Doing Business: An Enterprise Survey of Indian States", NITI Aayog/IDFC Institute, August 28, 2017, New Delhi, India, Government of India publication. Co-lead researcher.

E. OTHER SCHOLARLY OR PROFESSIONAL ACTIVITY

1. Papers Presented

"Shock Therapy vs. Gradualism", presented at: the Institute for Advanced Studies, Vienna, May 1994; the University of Aarhus, Aarhus, Denmark, May 1994; the CCET, OECD Secretariat, Paris, June 1995; and CERGE-EI, Prague, February 1996.

"Optimal Restructuring in Transition", presented at: the University of Rome "La Sapienza", Rome, June 1996; the University of Linz, June 1997; WDI conference at the University of Michigan, Ann Arbor, MI, June 1997; the Center for Economic Studies, University of Munich, February 1998; and the European Bank for Reconstruction and Development, London, February 1999.

"Tax Competition in the European Union", presented at the Department of Political Science, University of Chicago, May 1998.

"Output and Unemployment Dynamics in Transition", presented at: a CEPR/WDI conference, Prague, July 1998; the Department of Economics, University of California, Santa Barbara, September 2000; the Department of Economics, University of Winnipeg, Winnipeg, MB, September 2002; the Department of Economics, University of Alberta, Edmonton, AB, September 2002; the Department of Economics, University of Calgary, Calgary, AB, September 2002; the Institute of Economics, University of Copenhagen, February 2003; the Department of Economics, Catholic University, Leuven, Belgium, October 2003; and the Department of Economics, Norwegian School of Economics and Business Administration, Bergen, Norway, October 2003.

"Macroeconomic Stabilization" (with N. Rowe), presented at: the Bank of Canada, Ottawa, July 1999; and Carleton University, August 1999.

"Trade and Wages: Malign Relationship or Benign Nexus?", Brown Bag Luncheon Seminar Series, Trade and Economic Analysis Division (EET), Department of Foreign Affairs and International Trade (DFAIT), April 2000.

"Trade and Labour Standards: Theory, New Empirical Evidence, and Policy Implications" (with Teddy Y. Samy), presented at: CESifo conference on "Globalisation, Inequality and Well-Being", Munich, Germany, November 2002; Brown Bag Luncheon Seminar Series, EET, DFAIT, April 2003; and Department of Economics, Johann Wolfgang Goethe University, Frankfurt, Germany, June 2003.

"The Future for International Monetary Arrangements in the Americas", invited paper, "Current Issues in International Economics", symposium, Center for International Business, Western Washington University, Bellingham, WA, September 2003.

"The Choice of Monetary/Exchange Rate Regimes: Concepts and Arguments", presented at: Viennese Institute for International Economics (WIIW), Vienna, Austria, October 2003; and the Department of Economics, Comenius University Bratislava, Slovakia, October 2003.

"The Social Dimensions of Globalization", presented at: Elieff Center for Education and Culture, American University in Bulgaria, Sofia, Bulgaria, February 2004; and at the Economics Education and Research Consortium, National University, Kyiv-Mohyla Academy, Kiev, Ukraine, February 2004.

Organized, chaired, and presented papers on globalization and currency regimes in several sessions at: Canadian Economics Association, May 2004, Ryerson University, Toronto, Ontario; and Western Economic Association, July 2004, Vancouver, BC.

"Optimal Globalization and National Welfare" (with James Dean), paper presented at a RIIM seminar, Simon Fraser University, November 2004, Vancouver, BC.

"Lessons of Canadian Liberalization under the NAFTA for India" (with James Dean), paper presented at: Shastri Indo-Canadian Institute conference, December 2004, India Habitat Centre, New Delhi, India.

"Does Globalization Threaten Culture?" (with James Dean), paper presented at: India International Centre, December 2004, New Delhi, India.

"The Social Dimensions of Globalization: NAFTA Ten Years On" (with James Dean), paper presented at: American Economic Association annual meeting, January 2005, Philadelphia, PA.

"The Elephant and the Dragon: A Tale of Two Countries" (with James Dean), special seminar on India and China, presented at: Center for International Business, Western Washington University, Bellingham, WA, May 2005; and RIIM, Simon Fraser University, June 2005.

"Globalization, Liberalization, and National Culture: Convergence and Divergence in the Americas" (with James Dean), paper presented at: American Economic Association annual meeting, January 2006, Boston, MA.

"Has Globalization Killed Canadian Culture?", paper presented at: Brown Bag Seminar Series, Office of the Chief Economist, International Trade Canada, February 2006.

"Labour Standards and Economic Integration in the European Union: An Empirical Analysis", seminar presentation, CES, Carleton University; Indian Statistical Institute (New Delhi), India, March 2006; CESifo Area Conference on Employment and Social Protection, Munich, Germany, May 2006; and as invited participant at NAEFA session, ASSA annual meetings, Chicago, IL, January 2007.

"Could India Overtake China?" (with J. Dean), paper presented at: ICRIER, New Delhi, India, March 2006.

"The Elephant and the Dragon: Globalization, India, and China", paper presented at: Höldrichsmühle, Federation of Austrian Industry, Mattsee, Austria, July 6, 2007.

"Trade and Labor Standards: A Review of the Theory and New Empirical Evidence" (with Y. Samy), seminar, ICRIER, New Delhi, India, October 2007.

"Optimal Globalization and National Welfare", Economics Society, St. Stephen's College, New Delhi, India, November 2007.

"Overview of Canada-India Economic Partnerships", invited speaker, "India Rising: Implications for Canadian Business and Public Policy" conference, Public Policy Forum (PPF) conference, Toronto, December 2008.

"International Income Comparisons and Social Welfare: Methodology, Analysis, and Implications", paper presented at American Economic Association annual meetings, Atlanta, GA, January 2010.

Invited as distinguished speaker, Bangalore Roundtable, Takshashila Institution, "India's National Interests: Towards Shared Visions", December 2010.

Organizer and moderator, roundtable seminar on globalization, India, and the BRICs, India International Centre, New Delhi, India, January 2011. Panelists: Mani Shankar Aiyar, MP and former Cabinet Minister; Ashutosh Varshney, Brown University; and Nitin Pai, Takshashila Institution.

"Corruption, inequality, and growth", presentation at COVE Research Day 2011, Carleton University, May 2011.

Invited panellist, debate on India's policy stance toward FDI in retail, jointly organized by the New York Times "India Ink" and Caravan Magazine, Mumbai, India, January 2012.

Invited panellist, seminar on the BRICs and a new development model, Centre for Policy Research, New Delhi, India, February 2013.

Panellist for seminars and book-related discussions around

"Indianomix" at various venues in Mumbai, Delhi, Pune, Ahmedabad, and Bangalore, Winter/Summer 2013, including: Kala Ghoda Festival (Mumbai), India Nonfiction Festival (Mumbai), India International Centre (New Delhi), Ahmedabad University, Indian Institute of Management (Ahmedabad), Bangalore International Centre, Oxford bookshop (Bangalore).

Invited panellist (panel on economic growth), India Trilateral sixth conference organized by the German Marshall Fund, Washington, DC, and the Swedish Ministry of Foreign Affairs, Stockholm, April 2013.

Invited panellist, inaugural session ("Be bold, stay real"), India Nonfiction Festival, Mumbai, June 2013.

Invited speaker on Indian economy, "India, an Emerging Global Power?: Economic, political and sociological perspectives", DFATD training workshop, Gatineau, Quebec, December 2013; follow-up workshop, June 2014.

"Author meets Readers", presentation for Carleton FPA on "Indianomix", Ottawa, November 2013.

Invited special lecture on "Indianomix", Russell Square International College, Mumbai, India, December 2013.

Special lecture on "Indianomix", Department of Economics and Institute of Public Policy, Indian School of Business, Hyderabad, India, January 2014.

Invited panellist, "India Futures: Economy, Politics, Society", India Non Fiction Festival, Mumbai, India, January 2014.

Invited panellist, Roundtable Discussion on 2014 Indian elections, School of Public Policy and Administration and Canada-India Centre, Carleton University, June 2014.

Member (by invitation), Santa Colomba Conference (chair: Robert Mundell), Siena, Italy, July 2014.

"India at the Crossroads: The Meanings of Modi's Victory", lecture based on ongoing book project presented at numerous institutions in September/October 2014, including: Carleton University; University of Calgary; Simon Fraser University; University of British Columbia; Asia Pacific Foundation; Fraser Institute; Johnson-Shoyama Graduate School of Public Policy

(Saskatoon campus); and Western Washington University.

Invited panellist, "Indian Foreign Policy in the 21st Century", American Enterprise Institute, New Delhi, India, May 2015.

Member (by invitation), Santa Colomba Conference (chair: Robert Mundell), Siena, Italy, July 2015.

Invited special lecture, "Economic Reforms in India in the Narendra Modi Era", Johns Hopkins School of Advanced International Studies, Washington, DC, December 2014.

Invited panellist, Closed Door Roundtable on "Changing Geo-economic Landscapes, Observer Research Foundation, New Delhi, India, December 2014.

Invited lecture, "What is old is new again: The return of protectionism", St. Xaviers College Economics Society, Mumbai, India, February 2016.

Invited panellist, Raisina Dialogue 2016 (inaugural edition), ORF Foundation/Ministry of External Affairs, New Delhi, India, March 2016.

Invited panellist, Liberty Fund conference, Kuala Lumpur, Malaysia, March 2016.

Two Invited Lectures at Singapore Economics Society and Nanyang Technological University, Singapore, April 2016.

Invited panellist, "Modinomics at Two", American Enterprise Institute, Washington DC, May 2016.

Invited special lecture, "Improving the Ease of Doing Business in a Federal Polity: A Case Study of Modi's India", Institute of Policy Studies, Colombo, Sri Lanka, June 2016.

Invited speaker, India Economic Seminar, Indic Academy, Bangalore, July 2016.

Member (by invitation), Santa Colomba Conference (chair: R. Mundell), Santa Colomba, Italy, July 2016.

Invited speaker, NITI Economic Policy Roundtable (chair: Prime Minister Narendra Modi, convener: Vice-Chair Arvind Panagariya), NITI Aayog, New Delhi, India, December 2016.

Invited panellist, Raisina Dialogue 2017, ORF Foundation/ Ministry of External Affairs, New Delhi, India, January 2017.

Invited joint seminar with James Dean, "Paradoxes and Puzzles of Globalization: Ten Years Later", Meghnad Desai Academy of Economics, Mumbai, India, January 25, 2017.

Invited panellist, Econlit 2017, Festival of Economics and Literature, "Globalization and neo-colonialism", St. Xaviers College, Mumbai, India, February 2017.

Invited panellist, Asian Liberty Forum 2017, "Why are good economic reforms politically difficult?", Mumbai, India, February 2017.

Economic Divergence among Indian States, seminar presentation, IIT Bombay, August 2017.

Invited panellist, India Trilateral Forum 13, Ministry of Foreign Affairs, Stockholm, Sweden, September 2017.

"State Level Inequality in India: Economics, Politics, & Public Policy", Johns Hopkins SAIS, Washington DC, October 2017; Reserve Bank of India, October 2017.

"Competitive Federalism and Ease of Doing Business", invited speaker at Columbia University Festschrift in Honour of Arvind Panagariya, New York, October 2017.

Talk on India to Emerging Markets Group, Bank of Canada, December 2017, Ottawa, Canada.

"Competitive/Cooperative Federalism" in an Unequal India, Government Law College, Mumbai, January 2018, invited lecture.

"From 'The Idea of India' to the 'New' India of India: The Political Economy of Federalism in India", invited lecture/ seminar, Watson Institute for International and Public Affairs, Brown University, Providence, RI, March 2018.

Invited panelist, "Business and Politics in India", Oxford University Press South Asia Conclave, New Delhi, India, July 2018.

2. Other Professional Activities

Professor, Indian Council for Research on International Economic Relations (ICRIER), New Delhi, India, September – December 2007 (while on leave of absence).

Resident Fellow, India International Centre, New Delhi, India, Fall 2007 – Winter 2008 (while on leave of absence/half-sabbatical).

Visiting professor at: Institute for Advanced Studies, Vienna, various periods, 1995 – 1997; the University of Rome "La Sapienza", June 1996; the Center for Economic Studies, University of Munich, February 1998, June 2000; June 2003 and February 2004; and the Economic Policy Research Unit (EPRU), Institute of Economics, University of Copenhagen, February 2003.

Visiting associate professor, Department of Economics, Simon Fraser University, Burnaby, BC, May – August 2005 (research projects with James Dean).

Visiting assistant professor, Department of Economics, University of California, Santa Barbara, California, 2000 – 2001 (while on sabbatical).

Invited participant, CESifo Area Conference on Macro, Money, and International Finance, February 2002, February 2004

Invited discussant, "International Trade and Labour Markets" (session), Canadian Economics Association, University of Calgary, Calgary, June 2002

Organizer, session on international trade, Canadian Economics Association, Carleton University, June 2003

Organizer, session on currency options, CEA, Ryerson University, June 2004; and WEA, Vancouver, July 2004

Participant, World Bank Global Development Learning Network (GDLN) Workshop on Exchange Rates/Monetary Policy in the Americas, Carleton University, April 2003

Member, Organizing committee, "Intervention and then What?", joint COVE/CSDS conference, Carleton University, October 2003.

Organizer, conference on the Austrian School of Economics,

University of Alberta, Edmonton, AB, October 2005; volume published as: Roger Koppl, ed., Explorations in Austrian Economics, vol. 11 of Advances in Austrian Economics, Emerald Publishing, 2008.

Invited discussant, ICRIER/OECD workshop on India, New Delhi, India, October 2007.

Member and Chair of the jury, nation-wide economics essay competition, Economics Society, St. Stephen's College, New Delhi, December 2007.

Member and Chair of the jury, nation-wide economics competition, Economics Society, St. Xavier's College, Mumbai, December 2011.

Guest lecture, "Globalization and culture", Globalization: Sociological and Anthropological Aspects, University of Ottawa, Winter 2009.

Invited panelist, Workshop on India-Canada Trade and Investment Relations, International Policy Forum, Carleton University, October 2010.

Invited referee for grant applications to: Social Sciences and Humanities Research Council of Canada; National Science Foundation (USA).

Referee for: American Economic Review; Canadian Journal of Development Studies; Economic Journal; Economics & Politics; European Economic Review; European Union Politics; German Economic Review; Journal of Comparative Economics; Journal of International and Comparative Economics; Journal of International Economics; and Scottish Journal of Political Economy.

Public writing: op-ed articles in The International Herald Tribune, The Financial Times, The Ottawa Citizen, The Express Tribune, etc.; letters in The Economist, The Financial Times, Swiss Review of World Affairs; opinion pieces in Frontpage Magazine.com

3. Scholarly/Research Project/Technical Report Work in Progress

"From Globalization to Vernacular Cosmopolitanism: An Essay in Critical Theory", unpublished essay, intended as the nucleus of a book-length MS.; January 2009.

"India at the Crossroads: The Meanings of Modi's Victory", unpublished essay, intended as the nucleus of a book-length MS.; December 2014.

Major study on "ease of doing business" at state level in India, joint between IDFC Institute and NITI Aayog, co-lead by myself, 2015 - 2016.

See also D.2.(c) above.

4. Research Grants (disbursed and pending)

"Economic Integration in the European Union", German-American Academic Council, 1995 – 1996, US $5000, for research and travel. Research output: joint paper with P. Genschel, 1999, as reported in 1(a) above.

"Labour Standards and Economic Integration in the European Union" (with Y. Samy, NPSIA), EURUS, 2005, C$3500, for research and travel. Research output: joint paper with Y. Samy, 2009, as reported in 1(a) above.

F. ACADEMIC RESPONSIBILITIES (TEACHING AND SUPERVISION)

Placement of Ph.D. Supervisees: Hazrat-Omar Zakhilwal, Economist, Statistics Canada (currently Finance Minister, Government of Afghanistan), Spring 2001; Teddy Samy, faculty appointment, NPSIA, Carleton University, July 1, 2003; Afshan Dar-Brodeur, Statistics Canada, January 2013.

Undergraduate courses taught
Economics 100 (Introduction to Economics), Winter 2002, Fall/ Winter 2008-9
Economics 103 (First Year Seminar), 2002-3, Fall 2003, Winter 2005 [2 sections], Fall 2005 [macro half], Fall 2006 [macro half]
Economics 212 (Intermediate Macro I), Fall 2005, Fall 2006
Economics 446 (Economic Dynamics: Growth), Fall 1995 [cross-listed with Economics 552]
Economics 458 (Econ. Dev.: Intnl. Aspects), Summer 2006, Summer 2007, Winter 2009
Upper division economic development, UCSB, Fall 2000
Intermediate macroeconomics, UCSB, Winter 2001

Graduate courses taught

Economics 550 (Theory of Economic Development), Fall 1996
Economics 552 (Economic Dynamics: Growth), Fall 1995 [cross-listed with Economics 446]
Economics 555 (International Aspects of Economic Development), Fall 1997, Fall 1998, Fall 1999, Winter 2004, Winter 2005, Summer 2006, Summer 2007, Fall 2008
International Affairs 500 (IPE core seminar), Winter 1999
International Affairs 509 (Economic Development: Theory and Policy), Fall 2001
International Affairs 537 (Macroeoconomics for Development Administration), Winter 1996, Winter 1998, Winter 2000, Winter 2002, Winter 2003
International Affairs 538 (International Trade: Theory and Policy), Fall 1995, Fall 1996, Fall 1997, Fall 1998, Fall 1999, Fall 2001, Fall 2002
International Affairs 540 (Trade Policy Analysis), Winter 1996, Winter 1997, Winter 1998, Winter 1999, Winter 2000

Other teaching
Short Lecture Course (Three 90 minute lectures) on "The Political Economy of International Trade", CES Lectures, Center for Economic Studies, Munich, Germany, June 2003

Supervisions
As NPSIA supervisor: Dave Palmer, Justin Riemer, Winter 1997; Florencia Jubany, Fall 1998; Alexis Diamond, Spring 1999; Tinda Sebe, Spring 1999; Jennifer Pearson, Fall 1999; Sonya Thissen, Winter 2000; Meghan Sulatisky, Winter 2000
As NPSIA advisor: Including Meenakshi Arora, Fall 1995; Derek Bell, Fall 1998; Scott Doidge, Spring 2000
As NPSIA external examiner: Including Robert Sinding, Winter 1997; Chris McKerley, Winter 1998; Laura Zilney, Anurag Sinha, Fall 2001
As NPSIA oral examiner: Including Carmen Buchmann, Fall 2001
As NPSIA chairperson: multiple occasions, 1995-2001
As EURUS advisor: Martina Buchalova; Katerina Tarasova
As Kroeger advisor: Ryan Winters, 2003-2004
Economics Ph.D. supervisions completed: Omar Zakhilwal, Fall 2001; Teddy Samy, Fall 2002; Afshan Dar-Brodeur, Spring 2013.
Economics B.A. Honours Essay supervisor: Maya Papineau-Koritar, 2001-2002

External examiner: Department of Economics, Carleton University (M.A. and Ph.D. levels, including Dajin Li, Ph.D., Winter 1998; Aylin Seckin, Ph.D., Winter 1999; Cemile Sancak, Ph.D., Winter 2000); Department of Economics, University of Ottawa (Ph.D.,

Karim Eslamloueyan, Winter 1998; Ph.D., Ram Acharya, Winter 1999).

Member, Economic Development Examining Board, Joint Doctoral Program in Economics, Carleton University and University of Ottawa (served on numerous boards, acted as coordinator in Fall 1997, Spring 1999, Spring 2000, Spring 2004)

Member, International Economics Examining Board, Joint Doctoral Program in Economics, Carleton University and University of Ottawa, Fall 2001

Co-taught NPSIA Director's Workshop (with David Carment) on "Research Methodologies", January 22, 1999.

G. ADMINISTRATIVE RESPONSIBILITIES (SERVICE)

Vice Chair, Economics, 2010 - 2011

Supervisor, MA Studies, Economics, 2003 – 2004, 2004 - 2005, 2010 - 2011

Director, Carleton Applied Economics Research Unit (CAERU), Department of Economics, 2002 – 2003, 2003 – 2004, 2004 – 2005, 2005 – 2006, 2006 - 2007

Member, University Senate, 1.7.2004 – 30.6.2007; committee membership: Undergraduate Program Review Committee (formerly Integrative Review Committee)

Member, Appointments Committee, Tenure & Promotion Committee, 2003 – 2004, 2004 – 2005

Member, Tenure & Promotion Committee, 2005 - 2006

Faculty Web Advisor, 2004 – 2005, 2005 – 2006

Department Seminar Series Coordinator, 2005 – 2006, 2006 - 2007

Member, Student-Faculty Liason Committee, 1995-6, 1996-7, 1999-2000
Member, Admissions Committee, 1996-7, 1998-9, 2001-2
Member, Tenure & Promotion Committee, 1996-7, 1999-2000, 2002-3
Member, Curriculum Committee, 1997-8, 2001-2
Member, NPSIA Ph.D. Drafting Subcommittee, 2002-3
Member, Appointments Committee, 1999-2000, 2001-2

Member, Econ. Tenure & Promotion Committee, 2002 – 2003
Member, Econ. Appointments Committee, 2003 - 2004
Observer Member, FASS Faculty Board, 1997-9
Member, Arthur Kroeger College Council, 2001-2
Alternate Member, Arthur Kroeger College Council, 1999-2000
Member, Development Subcommittee, Arthur Kroeger College Council, 1999-2000, 2001 – 2002 (rep. NPSIA), 2002 – 2003 (rep. Econ./NPSIA, 2003 – 2004, 2005 – 2006
Member, Development and International Subcommittees, Arthur Kroeger College Council, 2008-9
Member, Coop Committee, Faculty of Public Affairs and Management, 1999-2000
Alternate Member, ad hoc Senate Instructional Offence Tribunal, 2001 - 2002
Coordinator, Economic Development Workshop, Department of Economics, 2001 – 2002, 2002 – 2003, 2003 - 2004
Coordinator, 01.103 (1st year Econ. Seminar), 2002 – 2003
Coordinator, 2nd year intermediate macro sequence, 2006 - 2007
Member of the Board, Carleton Centre for Value and Ethics (COVE), 2002 – 2003
Member of the Executive Committee, COVE, 2003 – 2004, 2004 – 2005, 2005 – 2006, 2006 – 2007, 2009 - present
Seminar Coordinator, COVE, 2003 – 2004, 2004 – 2005, 2005 – 2006, 2006 – 2007
EURUS Representative from Economics Department, 2008-9

H. UNIVERSITY SERVICE (VOLUNTEER)

Faculty Mentor, First Year Experience Office, 2008-9

Curriculum Vitae

NAME: Fanny Saul Demers

DEPARTMENT: ECONOMICS

TELEPHONE NUMBER IN DEPARTMENT: Ext. 3775

CARLETON E-MAIL ADDRESS: fanny.demers@carleton.ca

A. EDUCATION

Bogazici University (Istanbul, Turkey), Business Administration, B.A.

McGill University, Finance and International Business, M.B.A.

The Johns Hopkins University, Economics, M.A.

The Johns Hopkins University, Economics, Ph.D.

Ph.D. Dissertation: "Bayesian Learning as a Propagating Mechanism in a Dynamic General Equilibrium Model of Business Cycles" (1985)

B. EMPLOYMENT

1. Academic Appointments

Associate Professor, Carleton University, 1995 to present

Assistant Professor, Carleton University, 1985 to 1995 (tenure granted 1990)

Visiting Associate Professor, McGill University September 1998-2001.

Visiting Scholar, Centre d'Études Prospectives d'Économie Mathématique Appliquées à la Planification (CEPREMAP) and Centre d'Études Prospectives et d'Informations Internationales (CEPII), Paris, France, January 94-September 94.

Visiting Assistant Professor, The University of British Columbia, July 1987-June 1988

2. Other Employment

None.

C. PROFESSIONAL HONOURS

I have received a “Raving Raven for Teaching Excellence” in 2018.

D. PUBLICATIONS

1. Refereed Scholarly Publications

a) Books

Fanny S. Demers and Michel Demers, *European Union: A Viable Model for Québec-Canada?* Ottawa: Centre for Trade Policy and Law/ Centre de droit et de politique commerciale, 1995.

b) Articles in Refereed Journals

Fanny S. Demers and Michel Demers, "A Privately Revealing Rational Expectations Equilibrium for the Futures Market," *European Economic Review*, Vol. 33, No. 4 (April 1989), pp. 663- 685. (Lead Article) (This article was nominated for the Hicks-Tinbergen Medal given to the best article between 1986-1990).

Fanny S. Demers and Michel Demers, "The Competitive Firm under Price Uncertainty and The Dual Theory of Choice Under Risk," *European Economic Review*, Vol. 34, No. 6 (September 1990), pp. 1181-99.

Fanny S. Demers and Michel Demers, "Multivariate Risk Aversion and Uninsurable Risks: Theory and Applications," *The Geneva Papers on Risk and Insurance Theory*, Vol. 16, No.1 (June 1991), pp. 7-43.

Fanny S. Demers and Michel Demers, "Increases in Risk and the Optimal Deductible," *The Journal of Risk and Insurance*, Vol. 58, No. 4 (December 1991), pp. 670-99.

Fanny S. Demers and Michel Demers, "Saving under Uncertainty: A Bivariate Non-Expected Utility Approach," *The Geneva Papers on Risk and Insurance Theory*, Vol. 17, No.1 (June 1992), pp. 61-75.

Fanny S. Demers and Michel Demers, "Barriers to Labour Mobility and Structural Unemployment," *Konjunkturpolitik*, no. 3/4, 1994.

Fanny S. Demers and Michel Demers, "The Differing Nature of European and North-American Integration: Implications for Enlargement," *Konjunkturpolitik*, no. 2, 1996.

Fanny S. Demers and Michel Demers, "Prudence, Demand Uncertainty, Background Risk and the Law of Supply: A Non-Expected Utility Approach to the Firm," *The Geneva Papers on Risk and Insurance Theory*, Vol. 22, no. 1, Spring 1997.

Sumru Altug, Fanny S. Demers and Michel Demers, "The Impact of Tax Risk and Persistence on Investment Decisions," *Economics Bulletin*, Spring 2001.

Sumru Altug, Fanny S. Demers and Michel Demers, "Political Risk and Irreversible Investment," 2007 *CESifo Economic Studies* 53(3), pp.430-465

Sumru Altug, Fanny S. Demers and Michel Demers, "Learning about Tax Policy," *Finance Letters*, Vol. 5, No. 1, 2007, pp. 1-11.

Sumru Altug, Fanny S. Demers and Michel Demers, "The Investment Tax Credit and Irreversible Investment," *Journal of Macroeconomics*, Vol. 31, No. 4, December 2009, pp. 509-22.

c) Articles in Refereed Conference Proceedings

Sumru Altug, Fanny S. Demers and Michel Demers, "Cost Uncertainty, Taxation and Irreversible Investment," in *Current Trends in Economics: Theory and Applications, Proceedings of the III International Conference of the Society for the Advancement of Economic Theory, Studies in Economic Theory 8*, edited by A. Alkan, C. D. Aliprantis and N. Yannelis. Springer-Verlag, 1999.

Fanny S. Demers, "The Department of Finance and the Bank of Canada: the Fiscal and Monetary Policy Mix," in *How Ottawa Spends, 1992-93*, edited by Frances Abele, Chapter 4 (Ottawa: Carleton University Press, 1992), pp. 79-124.

Fanny S. Demers and Michel Demers, "Europe 1992: The Implications for Canada," in *Canada Among Nations 1991-92*, *Building a New World Order*, edited by Christopher Maule and Fen Hampson, (Ottawa: Carleton University Press, 1992), pp.191-215.

Fanny S. Demers and Michel Demers, "From Constitutional Debacle to Economic Restructuring," in *Canada Among Nations 1993-94, Global Jeopardy*, edited by Christopher Maule and Fen Hampson, (Ottawa: Carleton University Press, 1993), pp.17-36.

Fanny S. Demers and Michel Demers, "Monetary Aspects of Economic Integration and Federal Systems," in *Regional Economic Integration and the Workings of a Federal System, Proceedings of the Fourth Canada-Germany Symposium,* edited by Hans-Eckart Scharrer, Murray Smith and Leonard Waverman, University of Toronto, 1995, 25 pages.

d) Edited Books

None.

e) Chapters in Refereed Edited Books

Fanny S. Demers, Michel Demers and Sumru Altug, "Investment Dynamics," in *Dynamic Macroeconomic Analysis* edited by S. Altug, Jagjit Chadha and Charles Nolan. Cambridge University Press, November 2003, Chapter 2, pp. 34-154; (chapter length: 120 pages, book length 610 pages).

Fanny S. Demers, M. Demers and H. Schaller, "Irreversibility and Costs of Adjustment," in K. Hagen, ed., *International Finance and Financial Services*, ISBN: 1-60021-756-7, Chapter 4, 2008.

Fanny S. Demers and Michel Demers, "Profit Maximization and Other Goals of the Firm," in Hassan Bougrine, Ian Parker, and Mario Seccareccia (eds), *Introducing Microeconomic Analysis: Issues, Questions and Competing Views,* Toronto: Emond Montgomery Publications Ltd, 2010 (June).

Fanny Demers, Michel Demers and Alain Paquet, "Federal Fiscal Policy: Priorities and Constraint in the Context of the 2015 Election and Beyond" in *How Ottawa Spends 2015-2016, The Liberal Rise and the Tory Demise,* edited by Christopher Stoney and G. Bruce Doern, Ottawa: Carleton University School of Public Policy and Administration, 2016, p 21-59.

Fanny Demers and Michel Demers, "Infrastructure Policy and Spending: An Initial Look at the Trudeau Liberal Plan," *How Ottawa Spends: 2016-2017*, *The Trudeau Liberals in Power,* edited by Bruce Doern and Christopher Stoney, Ottawa: Carleton University School of Public Policy and Administration, 2016, p. 30-84.

2. Other (Non-refereed) Scholarly Publications

a) Non-refereed Books

None.

b) Chapters in Non-refereed Books

None.

c) Review Articles

None.

d) Articles in Non-refereed Journals

None.

e) Articles in Non-refereed Conference Proceedings

Fanny S. Demers and Michel Demers, "International Standards System: Fora and Canadian Activities," *Federal-Provincial-Territorial Symposium on International and Domestic Standards Issues Facing Canadian Governments*. Web Site *Strategis* of Industry Canada, (http://strategis.ic.gc.ca), 1999. In English and French.

f) Technical Reports

Fanny S. Demers, Michel Demers and Murray Smith, *Oui pour renforcer l'union économique,* (Ottawa: Center for Trade Policy and Law, October 1992), Occasional Monograph.

Fanny S. Demers and Michel Demers, *L'Accord de libre-échange Canada-Etats-Unis: une union économique sans union monétaire.* Commissariat général du Plan, Paris, 1995.

Fanny S. Demers, Michel Demers and Murray Smith, "Subsidies to Investment and the Fragmentation of the Canadian Economic Union: What can we learn from the European experience?," Spring 1998, Web Site *Strategis* of Industry Canada, (http://strategis.ic.gc.ca), 2000. In English and French.

g) Book Reviews in Scholarly Journals

None.

h) Major Encyclopedia or Dictionary Articles

None.

i) Catalogues

None.

3. Creative or Professional Publications

"Get the Economic Union off the Back Burner" (with Michel Demers and Murray Smith), The Financial Post, Wednesday May 27, 1992, p. 10.

"Oui pour renforcer l'union économique" (with Michel Demers and Murray Smith), La Presse, mercredi le 21 octobre 1992, p. B 3.

E. OTHER SCHOLARLY OR PROFESSIONAL ACTIVITY

1. Editorial Responsibilities

None.

2. Papers presented

"Bayesian Learning as a Propagating Mechanism in a Dynamic General Equilibrium Model of Business Cycles", presented at:
(1) The Canadian Economics Association, May 1985, Montreal
(2) The World Congress of the Econometric Society, August 1985, Cambridge, Massachusetts.

"On Optimal One Period and Multiperiod Insurance Contracts", Econometric Society, December 1985, New York.

"Learning and Cyclical Fluctuations", Econometric Society, December 1985, New York.

"A Privately Revealing Rational Expectations Equilibrium for the Futures Market", Société canadienne de science économique, Mont Gabriel, mai 1989.

"The Competitive Firm Under Price Uncertainty and The Dual Theory of Choice Under Risk," Société canadienne de science économique, Mont Gabriel, mai 1989.

"Labour Supply Behaviour Under Risk", Canadian Economics Association, Victoria 1990.

"Trade Liberalization and Tax Harmonization: the Case for Package Reform," Canadian Economics Association, Ottawa, June 1993.

"Irreversible Investment and Costs of Adjustment," presented at:
(1) European Economic Association, Maastricht, the Netherlands, September 1994.
(2) World Congress of the Econometric Society, Tokyo, Japan, August 1995.
(3) American Economic Association, Chicago, January 1998.

"Demand Uncertainty, Background Risk and the Law of Supply: A Non-Expected Utility Approach to the Firm," the European Group on Risk and Insurance, Toulouse, France, September 1994.

CEPREMAP, Paris: "Irreversible Investment and Cost Uncertainty" June 1994.

CEPII, Paris: "Les aspects commerciaux et monétaires de l'intégration économique nord-américaine" July 1994.

Center for Strategic and International Studies (Washington D.C.): “The Economic Consequences of a Yes-vote on Quebec’s Fall 1995 Referendum,” June 1995.

Queen's University: Invited lecturer for the M.B.A. Program. One three- hour lecture. Topic: *The European Economic Union.* January 1995.

"Irreversible Investment," Econometric Society Winter Meeting, San-Francisco, January 1996.

"Cost Uncertainty, Taxation and Irreversible Investment," presented at:
(1) European Economic Association, Istanbul, August 1996.
(2) III International Conference of the Society for the Advancement of Economic Theory, (annual conference of the journal Economic Theory) Antalya, Turkey, June 1997.

"Political Risk and Irreversible Investment: The Case of Quebec," presented at:
(1) Dynamic Choice Conference, Koc University, Istanbul, Turkey, August 1997
(2) Centre for Economic Policy Research (CEPR) Summer Symposium in Macroeconomics, Tarragona, Spain, May 1998.

Concordia University, Dept. of Economics: "Political Risk and Irreversible Investment: Theory and an Application to the Case of Quebec" April 2000.

McGill University, Dept. of Economics: "Political Risk and Irreversible Investment: Theory and an Application to the Case of Quebec" November 1999.

McGill University, Dept. of Economics: Invited lecture for the Ph.D. course: Financial Econometrics, entitled “The Consumption-based Asset Pricing Model and the Equity Premium Puzzle,” April 2001

“Tax Policy and Irreversible Investment” presented at
(1) American Economic Association Meeting - AEA 2000, Boston, January 2000.
(2) Canadian Economic Association Meeting-Montreal, June 2001
(3) Econometric Society Meetings Los-Angeles June 2002.

"Political Risk and Irreversible Investment" presented at
Canadian Economic Association Meeting-Montreal, May 2006.

3. Contract or Other Research

GR-6, Carleton University, 1985-86.

University of British Columbia Research Grant 1987-1988.

Social Sciences and Humanities Research Council of Canada, "The Credibility of Government Policies and Cyclical Fluctuations," 1987-90.

GR-6, Carleton University, 1990-91.

Human Resources, Canada, 1993, (jointly with Michel Demers).

Centre d'Etudes Prospectives et d'Information Internationales (CEPII), Paris, France, 1993-95 (jointly with Michel Demers).

Donner Foundation, 1993-95 (jointly with Michel Demers)

Center for Trade Policy and Law, 1992-94 (jointly with Michel Demers)

GR-6, Carleton University, 1997-2014 "Optimal Consumption-Saving Behaviour, Asset Pricing and Learning."

4. Other Professional Activities

Member of the *Ontario Government Scholarship Board of Examiners,* 1999-2000.

Member of the Selection Board for the Research Council of the *Fonds québécois de recherche sur la société et la culture (comité d’évaluation du programme de*

soutien aux équipes de recherche du Fonds québécois de recherche sur la société et la culture (FQRSC)), 2007-2008, 2008-2009, 2009-2010.

Referee for the following journals:
European Economic Review, The Scandinavian Journal of Economics, The Geneva Papers on Risk and Insurance Theory, The Journal of Risk and Insurance, Canadian Journal of Economics, Economic Inquiry.

5. Scholarly Work in Progress

Fanny S. Demers and Michel Demers, "A Dynamic Approach to The Determinants of Capital Structure in an Emerging Economy: The Case of Turkey" (almost completed.)

Fanny S. Demers and Michel Demers, "The Determinants of Firm Investment in an Emerging Economy: The Case of Turkey" (Work in progress)

Fanny S. Demers, Michel Demers and Chibundo Peace Osinike, "Capital Structure and Investment in Nigeria" (Work in progress)

Shafiullah Qureshi, Ba M. Chu and Fanny S. Demers, "Forecasting Canadian GDP Growth Using XGBoost" (Work in progress)

Shafiullah Qureshi and Fanny S. Demers, "Revisiting the Unit-Root Problem in Small Open Economy Business Cycle Models" (Work in progress)

Fanny S. Demers and Michel Demers, "Public Infrastructure Policy and Growth: The Case of Canada" (Theoretical work complete. Empirical work in progress.)

Fanny S. Demers and Michel Demers, "Risk Averse Managers, Probability Weighting and Optimal Compensation Contracts." (Theoretical work complete.)

Sumru Altug, Fanny S. Demers and Michel Demers, "Regime Shifts, Subjective Uncertainty, Learning and Investment" (Theoretical work and simulations complete.)

Fanny S. Demers and Michel Demers "Loss Aversion and Corporate Investment." (Early theoretical results.)

Fanny S. Demers and Chibundo Peace Osinike, "The Impact of Oil Price Shocks on Financial Stability in Oil Exporting Countries" (Work in progress)

Fanny S. Demers and Michel Demers, "Uncertain Lifetime, Habit Formation and Life Insurance" (Theoretical results without habit formation obtained.)

F. ACADEMIC RESPONSIBILITIES (TEACHING)

1. Undergraduate Courses Taught

ECON 2102 Intermediate macroeconomics I: Winter 2020, Winter 2018; Fall 2016, Fall 2015, Fall 2013, Fall 2012, Winter 2012 (section I), Fall 2010 (sections A and D), Fall 2009 (sections A and D), Fall 2008 (sections D and E), 2007, 2006, 2005, 2000, 1997, 1996, 1995, 1993, 1992, 1991, 1990, 1986, 1985 and 1984, at UBC 1987-88.

ECON 2103 Intermediate macroeconomics II: 2007, 1990, 1991, 1992, 1993, 1995, 1996, 1997, 1988 (UBC), 1987, 1986, 1985.

ECON 3050 An Introduction to Financial Economics: Fall, 2019, Fall 2018, Fall, 2017 Fall 2016, Fall 2015.

ECON 3900 (section C) Research Methods in Economics: Fall 2019, Winter 2019 (Section A) Fall 2017.

This was a course that was newly created for the 2017-18 academic year and required substantial preparation since it involved preparing lectures in econometric techniques and applications of these using Stata, as well as assignments in econometrics. In addition, it also involved close supervision of different stages of writing essays (proposal, first draft and final draft) as well as of panel data estimation using Stata. There were fifty-two students who worked individually or in pairs of two for the assignments and in groups varying from 1 to 4 students per group for the paper. There were 14 groups in all for the paper, each group working and doing econometric estimation on a different topic. (While the course required a great deal of work on my part and on the part of the students, I found the course very rewarding because of the generally positive student response and the appreciation of several students for the help and guidance they obtained from me.) The above description for the way the course was conducted also applies to the Fall 2019 term, with 39 students and 11 groups.

ECON 4201 Macroeconomics 2007, 2006, 2005, 2004, 2003, 2002, 1996, 1993, 1992, 1991, 1990, 1988, 1987 (UBC), 1986, 1985.

ECON 4902 Honours Seminar, Macroeconomics: Winter 2017, Winter 2016, Winter 2014, Winter 2013, Fall 2011. (Topics of the Honours Essays included: democracy and growth, trade liberalization, foreign direct investment and growth, consumer indebtedness and the business cycle, the debt crisis in Europe, the impact of oil price changes on inflation, the productivity slowdown in advanced economies, foreign aid and growth; climate, geography and growth; skill-biased technological change and income inequality; inflation targeting and growth,

banking systems and vulnerability to crises, taxation and growth; institutions, social infrastructure and growth, the convergence hypothesis, impact of income inequality on growth; the performance of binary outcome models in predicting the 2001 and 2007-2008 recessions in the US; a test of the capital asset pricing model; the determinants of the firm's optimal capital structure.)

ECON 4900 Honours Seminar in Economics: Winter 1993, Fall 1991, Winter 1991, (Topics included: budget deficits, fiscal policy in an open economy, trade liberalization, the NAFTA, the European Union, exchange rate fluctuations.)

ECON 4602 International Monetary Economics: 2001-4.

ECON 4608 Monetary Theory: Winter 1986, 1987.

ECON 43.446 Economic Dynamics: Growth (43.446) Fall 1992.

2. Graduate Courses Taught

ECON 6002 Macroeconomics (Ph.D. level course) 2009, 2006, 2005, 2004, 1995-97 and 1985-87.

ECON 5051 Asset Pricing (M.A. level course) Fall 2018. Course for the MA concentration in Financial Economics.

ECON 5052 Financial Markets and Instruments (M.A. level course) Winter 2020, Winter 2019, Winter 2018, Winter 2017, Winter 2016, Fall 2013, Winter 2013, Fall 2011, Winter 2011, Winter 2010, Winter 2009. Course for the MA concentration in Financial Economics.

ECON 5021 Macroeconomics (M.A. level course) 2000, 2001, 2002, 2004, 2005, 2006, 2010, 2011, 2012, 2014.

ECON 5008 Special Topics in Advanced Macroeconomics (M.A. and Ph.D. level course) Summer (May-June) 2007

ECON 5602 International Monetary Theory and Policy 2002, 2003.

READING COURSES:
Yan Feng, M.A. "International Capital Mobility," 2004.
Dugan, R., M.A. "Fiscal Policy and Endogenous Growth," 1995.
Sood, A., Ph.D."Dynamic Macroeconomics," 1995.
Pu, X., M.A. "Macroeconomic Theory," 1995.

Sancak, C., Ph.D. "The Convergence Hypothesis and Endogenous Growth," 1994.

ECON 5608 Monetary Economics 1986

43.552 Economic Dynamics: Growth 1992

3. Supervisions

a) Completed

C. Sancak, (Ph.D. Thesis) "Investment Decisions under Capital Market Imperfections": Completed. May 2000.

A. Seçkin, (Ph.D. Thesis) "Consumption with Habit Formation": Completed. April 1999.

Ezana Berhane, (Honours Thesis) "Does East Africa Constitute an Optimal Currency Area?" 2004.

Ayhan Kaya (Honours Thesis) "The Turkish Currency crisis of 2000-2001." Completed 2003.

Nick So, (Undergraduate Honours Thesis) "The Impact of the FTA on the Canadian Economy," 1992-93.

Hatem Ayyad, (Undergraduate Honours Thesis) "The Impact of the FTA on the Canadian Automobile Industry with Emphasis on the NAFTA," 1992-93.

Wael Ayyad, (Undergraduate Honours Thesis) "The Development of the Japanese Automobile Industry and Direct Investment in the United States," 1992-93.

Sheherzade Rana, (Undergraduate Honours Thesis) "Economic Reforms in the Former Soviet Republics", 1991-92.

In Progress/

Shafiullah Qureshi, (Ph.D. Thesis) “Essays in Closed and Open Economy Macroeconomics” (tentative title)

Chibundo Peace Osinike, (Ph.D. Thesis) “A TSVAR Approach to Estimating the Impact of Oil Price Shocks on Financial Stability in Oil Exporting Countries: The

Case of Nigeria" (February 2018- August 2018. The student has withdrawn from the Ph.D. program).

4. Other Academic Responsibilities

Chair of the Ph.D Comprehensive Exam in Macroeconomics (for both the May/June and the August/September exams) in, 2013, 2011, 2010, 2009, 2006, 2005, 2004 and in 1997, 1996, 1995.

Member of the PhD Board of Examiners in Macroeconomics, December 2019, August 2018, May 2018, August 2017, May 2017, August 2016, May 2016, August 2015, (for both the May/June and the August/September exams) 2014, 2013, 2012, 2010, 2009, 2007, 2006, 2005. 2004, 2003, 2002, 1997, 1996, 1995, 1993, 1992, 1991, 1986.

Member of the Ph.D. Board of Examiners in International Economics: 2003

Rizwana Alamgir. Ph.D. Thesis. "Three Essays on Human Capital, Childcare and Growth and on Mobility" (University of Ottawa) Completed 2012. (Committee member)

Young Cheol Jung. Ph.D. Thesis "Time-Preferences, Balance of Payments, Fiscal policy and Welfare in Two-country OLG Models," (University of Ottawa). Completed 2008. (Committee member)

Dominik Graf. Honours Thesis. "Nuclear Power Plant Cost Competitiveness Considering Stochastic Input Prices," completed, fall 2012. (Second reader)

Huda Al-Shammari. Honours Thesis. "The Indian IT industry: an investigation into the sources of growth of the modern Indian growth miracle," completed, summer 2007. (Second reader).

Member. Honours Comprehensive Examining Board, 1986.

Co-ordinator for ECON 3900 Research Methods in Economics 2019-2020.

Co-ordinator for Intermediate Macroeconomics, 2017-2018, 1991 and 1992.

Coordinator of the Seminar Series in Economic Theory and Mathematical Economics 1985-87.

G. ADMINISTRATIVE RESPONSIBILITIES (INCLUDING COMMITTEE WORK)

Supervisor of M.A. Studies, Department of economics, Carleton University, 1994-96

Member of the Graduate Faculty Board 1994-96.

Appointments Committee Member, (Chair, Finance committee) 2008-2009, (Member, Finance committee) 2006-2007, Member 2004-2005, 2003-2004, 2002-2003, 1992-93; 1991-1992, 1990-91, 1986-87, 1985-1986.

Tenure Committee Member: 2002-2003, 2001-2002, 2000-2001, 1994-95, 1988-89.

Promotions Committee Member: 2015-16, 2003-2004, 2001-2002, 2000-2001, 1996-97, 1995-96;

Graduate Committee, 2009-2010 and 2010-2011.

Library Representative, 2017-2018, 2016-2017, 2012-2013 and 2011-2012.

Economics department representative at the Faculty Board of the Sprott School of Business, 2018-2019, 2014-2015, 2013-2014, 2012-2013, 2011-2012, 2010-2011.

Departmental representative to the Faculty Promotions Committee (2006)

Graduate Curriculum, 1994-95 and 1995-96;

Undergraduate Curriculum, 1988-91;

Coordinator for Intermediate Macroeconomics 2017-18, 1991 and 1992.
Coordinator of the Seminar Series in Economic Theory and Mathematical Economics 1985-87.

H. OTHER

None.

Curriculum Vitae

NAME: Michel Demers

DEPARTMENT: ECONOMICS

TELEPHONE NUMBER IN DEPARTMENT: Ext. 3772

CARLETON E-MAIL ADDRESS: michel.demers@carleton.ca

A. EDUCATION

McGill University, Joint Honours Economics and Political Science, B.A.

McGill University, Economics, M.A.

The Johns Hopkins University, (Baltimore, Maryland, USA,) Economics, M.A.

The Johns Hopkins University, (Baltimore, Maryland, USA,) Economics, Ph.D.

Ph.D. Dissertation: "Essays in the Economics of Uncertainty" The Johns Hopkins University (1985).

B. EMPLOYMENT

1. Academic Appointments

Associate Professor, Carleton University, 1991 to present

Assistant Professor, Carleton University, 1985 to 1991 (tenure granted 1989)

Visiting Associate Professor, McGill University, 1998-2000.

Visiting Scholar, Centre d'Études Prospectives d'Économie Mathématique Appliquées à la Planification (CEPREMAP) and Centre d'Études Prospectives et d'Informations Internationales (CEPII), Paris, France, January 94-September 94.

Visiting Assistant Professor, The University of British Columbia, July 1987-June 1988

2. Other Employment

None.

C. PROFESSIONAL HONOURS

Raving Raven for Teaching Excellence, 2018.

CUSA Teaching Excellence Award, 2017-2018

D. PUBLICATIONS

1. Refereed Scholarly Publications

a) Books

Fanny S. Demers and Michel Demers. *European Union: A Viable Model for Québec-Canada?* Ottawa: Centre for Trade Policy and Law/ Centre de droit et de politique commerciale, 1995.

b) Articles in Refereed Journals

Michel Demers, "Mean Utility Preserving Increases in Risk for State Dependent Utility Functions", *Theory and Decision*, September 1987, pp. 113-28.

Fanny S. Demers and Michel Demers, "A Privately Revealing Rational Expectations Equilibrium for the Futures Market", *European Economic Review*, Vol. 33, No. 4 (April 1989), pp. 663- 685. (Lead Article) (This article was nominated for the Hicks-Tinbergen Medal given to the best article between 1986-1990).

Fanny S. Demers and Michel Demers, "The Competitive Firm Under Price Uncertainty and The Dual Theory of Choice Under Risk", *European Economic Review*, Vol. 34, No. 6 (September 1990), pp. 1181-99.

Michel Demers, "Investment, Irreversibility and the Arrival of Information Over Time", *Review of Economic Studies,* Vol. 58, No. 2, April 1991, pp. 333-350.

Fanny S. Demers and Michel Demers, "Multivariate Risk Aversion and Uninsurable Risks: Theory and Applications", *The Geneva Papers on Risk and Insurance Theory*, Vol. 16, No.1 (June 1991), pp. 7-43.

Fanny S. Demers and Michel Demers, "Increases in Risk and the Optimal Deductible", *The Journal of Risk and Insurance*, Vol. 58, No. 4 (December 1991), pp. 670-99.

Fanny S. Demers and Michel Demers, "Saving under Uncertainty: A Bivariate Non-Expected Utility Approach", *The Geneva Papers on Risk and Insurance Theory*, Vol. 17, No.1 (June 1992), pp. 61-75.

Fanny S. Demers and Michel Demers, "Barriers to Labour Mobility and Structural Unemployment", *Konjunkturpolitik*, no. 3/4, 1994.

Fanny S. Demers and Michel Demers, "The Differing Nature of European and North-American Integration: Implications for Enlargement", *Konjunkturpolitik*, no. 2, 1996.

Fanny S. Demers and Michel Demers, "Prudence, Demand Uncertainty, Background Risk and the Law of Supply: A Non-Expected Utility Approach to the Firm", *The Geneva Papers on Risk and Insurance Theory*, Vol. 22, no. 1, Spring 1997.

Sumru Altug, Fanny S. Demers and Michel Demers, "The Impact of Tax Risk and Persistence on Investment Decisions," *Economics Bulletin*, Spring 2001.

Sumru Altug, Fanny S. Demers and Michel Demers, "Political Risk and Irreversible Investment," *CESifo Economic Studies* 53(3), pp.430-465, 2007.

Sumru Altug, Fanny S. Demers and Michel Demers, “Learning about Tax Policy," *Finance Letters*, Vol. 5, No. 1, 2007, pp. 1-11.

Sumru Altug, Fanny S. Demers and Michel Demers, “The Investment Tax Credit and Irreversible Investment,” *Journal of Macroeconomics*, Vol. 31, No. 4, December 2009, pp. 509-22.

c) Articles in Refereed Conference Proceedings

Fanny S. Demers and Michel Demers, "Europe 1992: The Implications for Canada" in *Canada Among Nations 1991-92*, *Building a New World Order*, edited by Christopher Maule and Fen Hampson, (Ottawa: Carleton University Press, 1992), pp.191-215.

Michel Demers, "Responding to the Challenges of Global Competition: the Competitiveness Agenda" in *How Ottawa Spends*, edited by Frances Abele, (Ottawa: Carleton University Press, 1992).

Fanny S. Demers and Michel Demers, "From Constitutional Debacle to Economic Restructuring" in *Canada Among Nations 1993-94, Global Jeopardy*, edited by Christopher Maule and Fen Hampson, (Ottawa: Carleton University Press, 1993), pp.17-36.

Fanny S. Demers and Michel Demers, "Monetary Aspects of Economic Integration and Federal Systems", in *Regional Economic Integration and the Workings of a Federal System, Proceedings of the Fourth Canada-Germany Symposium,* edited by Hans-Eckart Scharrer, Murray Smith and Leonard Waverman, University of Toronto, 1995, 25 pages.

Sumru Altug, Fanny S. Demers and Michel Demers, "Cost Uncertainty, Taxation and Irreversible Investment," in *Current Trends in Economics: Theory and Applications, Proceedings of the III International Conference of the Society for the Advancement of Economic Theory, Studies in Economic Theory 8*, edited by A. Alkan, C. D. Aliprantis and N. Yannelis. Springer-Verlag, 1999.

d) Edited Books

None.

e) Chapters in Edited (Refereed) Books

Fanny S. Demers, Michel Demers and Sumru Altug, "Investment Dynamics" in *Dynamic Macroeconomic Analysis* edited by S. Altug, Jagjit Chadha and Charles Nolan. Cambridge University Press, November 2003, Chapter 2, pp. 34-154; (chapter length: 120 pages, book length 610 pages).

Fanny S. Demers, M. Demers and H. Schaller, “Irreversibility and Costs of Adjustment,” in K. Hagen, ed., *International Finance and Financial Services*, ISBN: 1-60021-756-7, Chapter 4, 2008.

Fanny S. Demers and Michel Demers, “Profit Maximization and Other Goals of the Firm” in Hassan Bougrine, Ian Parker, and Mario Seccareccia (eds), *Introducing Microeconomic Analysis: Issues, Questions and Competing Views,* Toronto: Emond Montgomery Publications Ltd, 2010 (June).

Fanny Demers, Michel Demers and Alain Paquet, “Federal Fiscal Policy: Priorities and Constraint in the Context of the 2015 Election and Beyond” in *How Ottawa Spends 2015-2016, The Liberal Rise and the Tory Demise,* edited by Christopher Stoney and G. Bruce Doern, Ottawa: Carleton University School of Public Policy and Administration, 2016, p 21-59.

Fanny Demers and Michel Demers, “Infrastructure Policy and Spending: An Initial Look at the Trudeau Liberal Plan,” *How Ottawa Spends: 2016-2017*, *The Trudeau Liberals in Power,* edited by Bruce Doern and Christopher Stoney, Ottawa: Carleton University School of Public Policy and Administration, 2016, p. 30-84.

2. Other (Non-refereed) Scholarly Publications

a) Non-refereed Books

None.

b) Chapters in Non-refereed Books

None.

c) Review Articles

None.

d) Articles in Non-refereed Journals

None.

e) Articles in Non-refereed Conference Proceedings

Fanny S. Demers and Michel Demers, "International Standards System: Fora and Canadian Activities," *Federal-Provincial-Territorial Symposium on International and Domestic Standards Issues Facing Canadian Governments*. Web Site Strategis of Industry Canada, (http://strategis.ic.gc.ca), 1999. In English and French.

f) Technical Reports

Fanny S. Demers, Michel Demers and Murray Smith, *Oui pour renforcer l'union économique,* (Ottawa: Center for Trade Policy and Law, October 1992), Occasional Monograph.

Fanny S. Demers and Michel Demers, *L'Accord de libre-échange Canada-États-Unis: une union économique sans union monétaire.* Commissariat général du Plan, Paris, 1995.

Michel Demers and Marcel Côté, "Is a Quebec Unilateral Declaration of Independence Feasible? The Economic Impact of a Conflict of Legitimacy." *Quebec-Canada Committee*, October 30, 1997.

Fanny S. Demers, Michel Demers and Murray Smith, «Subsidies to Investment and the Fragmentation of the Canadian Economic Union: What can we learn from the European experience?» Spring 1998, *Web Site **Strategis** of Industry Canada*, (http://strategis.ic.gc.ca), 2000. In English and French.

g) Book Reviews in Scholarly Journals

None.

h) Major Encyclopedia or Dictionary Articles

None.

i) Catalogues

None.

3. Creative or Professional Publications

"Get the Economic Union off the Back Burner" (with Fanny Demers and Murray Smith), The Financial Post, Wednesday May 27, 1992, p. 10.

"Oui pour renforcer l'union économique" (with Fanny Demers et Murray Smith), La Presse, mercredi le 21 octobre 1992, p. B 3.

"Une déclaration unilatérale d'indépendance est-elle faisable?" (with Marcel Côté) La Presse, mardi le 4 novembre 1997, p. B-3.

E. OTHER SCHOLARLY OR PROFESSIONAL ACTIVITY

1. Editorial Responsibilities

None.

2. Papers presented

"Mean Utility Preserving Increases in Risk for State Dependent Utility Functions," *Econometric Society*, December 1984, Dallas.

"A Multivariate Measure of Risk Aversion in the Presence of Uninsurable Risks", *The Canadian Economics Association*, May 1985, Montreal.

"Multivariate Risk Aversion, Uninsurable Risks and Generalized Expected Utility", *Econometric Society*, December 1985, New York.

"A Privately Revealing Rational Expectations Equilibrium for the Futures Market", *Société canadienne de science économique*, Mont Gabriel, mai 1989.

"The Competitive Firm Under Price Uncertainty and The Dual Theory of Choice Under Risk", *Société canadienne de science économique*, Mont Gabriel, mai 1989.

"Labour Supply Behaviour Under Risk," *Canadian Economics Association*, Victoria 1990.

"Trade Liberalization and Tax Harmonization: the Case for Package Reform," *Canadian Economics Association*, Ottawa, June 1993.

"Irreversible Investment and Costs of Adjustment," presented at:
(1) *European Economic Association*, Maastricht, the Netherlands, September 1994.
(2) *World Congress of the Econometric Society*, Tokyo, Japan, August 1995.
(3) *American Economic Association*, Chicago, January 1998.

"Demand Uncertainty, Background Risk and the Law of Supply: A Non-Expected Utility Approach to the Firm," *the European Group on Risk and Insurance*, Toulouse, France, September 1994.

"Irreversible Investment and Cost Uncertainty," *CEPREMAP*, Paris, June 1994.

"Les aspects commerciaux et monétaires de l'intégration économique nord-américaine," *CEPII*, Paris, July 1994.

“The Economic Consequences of a Yes-vote in Quebec’s Fall 1995 Referendum,” *Center for Strategic and International Studies* (Washington D.C.) June 1995.

"Irreversible Investment," *Econometric Society Winter Meeting*, San-Francisco, January 1996.

"Cost Uncertainty, Taxation and Irreversible Investment," presented at:
(1) *European Economic Association*, Istanbul, August 1996
(2) *III International Conference of the Society for the Advancement of Economic Theory*, (annual conference of the journal Economic Theory) Antalya, Turkey, June 1997.

"Political Risk and Irreversible Investment: The Case of Quebec," presented at:
(1) *Dynamic Choice Conference*, Koc University, Istanbul, Turkey, August 1997
(2) *Centre for Economic Policy Research (CEPR) Summer Symposium in Macroeconomics*, Tarragona, Spain, May 1998.

"Tax Policy and Irreversible Investment" presented at
(1) *American Economic Association Meeting* - AEA 2000, Boston, January 2000.
(2) *Canadian Economic Association Meeting-Montreal*, June 2001
(3) *Econometric Society Meetings Los-Angeles* June 2002.

"Political Risk and Irreversible Investment," presented at:
Canadian Economic Association Meeting, Montreal, May 2006.

"Lecture on Comparative Advantage and the Arguments for Liberalized Trade," International Trade Regulation, Faculty of Law, University of Ottawa, September 12, 2013.

"Competitiveness and Economic Integration in North America, "Council on Foreign Relations (New York City), June 1993.

"Political Risk and Irreversible Investment: Theory and an Application to the Case of Quebec,"
(1) McGill University, Department of Economics, 1999.
(2) Concordia University, Department of Economics, 2000.

3. Contract or Other Research

GR-6, Carleton University, 1984-85.

GR-6, Carleton University, 1985-86.

Social Sciences and Humanities Research Council of Canada "Investment Under Uncertainty, Irreversibility and the Anticipation of Information: Theory and Econometric Estimation", 1987-1990.

University of British Columbia, Research Grant, 1987-88.

GR-6, Carleton University, 1989-90.

Center for Trade Policy and Law, 1992-94 (jointly with Fanny Demers).

Human Resources, Canada, 1993, (jointly with Fanny Demers).

Centre d'Etudes Prospectives et d'Information Internationales (CEPII), Paris, France, 1993-95 (jointly with Fanny Demers).

Donner Foundation, 1993-95 (jointly with Fanny Demers).

GR-6 "Political Risk and Investment," 1997-2014.

4. Other Professional Activities

Member of the Ontario Government Scholarship (OGS) Board of Examiners, 2005-2006.

Referee Duties: European Economic Review, Geneva Papers on Risk and Insurance Theory, Canadian Journal of Economics, International Tax and Public Finance, Journal of Risk and Insurance, Economic Inquiry, Actualité Économique.

Member of the Policy Commission of the Liberal Party of Quebec, 1998-2007.

Member of the Comité du suivi (2003-2007) of the Liberal Party of Quebec, mandated with the responsibility of ensuring that the Charest government fulfil its policy platform.

President of the Committee on Economic Prosperity for the Comité du suivi of the Liberal Party of Quebec, 2003-2007.

President of the Liberal Party of Quebec Policy Commission for Laval, 2013-2014

Member of the Policy Commission of the Liberal Party of Quebec, 2013-2014.

5. Scholarly Work in Progress

Fanny S. Demers and Michel Demers, “A Dynamic Approach to The Determinants of Capital Structure in an Emerging Economy: The Case of Turkey” (Almost completed.)

Fanny S. Demers and Michel Demers, “The Determinants of Firm Investment in an Emerging Economy: The Case of Turkey” (Work in progress)

Fanny S. Demers, Michel Demers and Chibundo Peace Osinike, “Capital Structure and Firm Investment in Nigeria” (Work in progress)

Fanny S. Demers and Michel Demers, “Public Infrastructure and Growth: The Case of Canada” (Theoretical work complete. Empirical work in progress.)

Fanny S. Demers and Michel Demers “Loss Aversion and Corporate Investment.” (Early theoretical results.)

Fanny S. Demers and Michel Demers, “Risk Averse Managers, Probability Weighting and Optimal Compensation Contracts.” (Theoretical work complete.)

Sumru Altug, Fanny S. Demers and Michel Demers, "Regime Shifts, Subjective Uncertainty, Learning and Investment" (Theoretical work and simulations complete.)

Fanny S. Demers and Michel Demers, “Uncertain Lifetime, Habit Formation and Life Insurance” (Theoretical results without habit formation obtained.)

F. ACADEMIC RESPONSIBILITIES (TEACHING)

1. Undergraduate Courses Taught

Managerial Economics (ECON 2009): Fall 2013.

Research Methods in Economics (ECON 3900): Winter 2018 and Winter 2020. This course aimed at teaching students who to carry out research by working with original data. Students had to follow a number of steps: develop a proposal which stated the research question, reviewed what prominent economists in the field had discovered on this issue, formulated an economic model to address the research question, stipulated the econometric methodology and the data sources. The proposal was followed by a first draft which presented preliminary results and compared them to existing studies. The final draft aimed at obtaining robust results. Students were also required to present their results in front of their classmates. This course involved the individual supervision of 16 team projects, 14 of which consisted of panel studies using original data and a model explicitly derived from the relevant economics literature. Topics were chosen by students on the basis of a list provided to them.

Mathematical Analysis in Economics (ECON 4001): Fall 2005, 2006, 2007, 2012, 2013, 2014, 2015, 2016, 2017 and 2019.

Financial Asset Pricing (ECON 4051): Winter 2013 and Winter 2020.

International Monetary Economics (ECON 4602): Winter 1990, 1991, 1992, Fall 1993.

Microeconomic Theory (ECON 4200): 1984-1986, 1988, 1990-1992, 1995, 1996.

Finance and Capital Markets (ECON 4100): 2000, 2001, 2002, 2003, 2005 (Winter, Fall).

Applied Honours Seminar (ECON 4890): Winter 2006, 2007, 2008, 2009, 2010, 2012, 2013, 2014, 2015, 2016 and 2017. Individual and group projects supervised on topics such as: tax rates, business climate indices and US state growth rates, colonialism and institutions, the industrial revolution in the Far East, institutions and growth, the natural resource curse, income distribution and growth, financial structure and growth, foreign aid, corruption and growth, financial development and growth in Latin America, corporate governance, stakeholder and shareholder interests, the determinants of firms' capital structure, the convergence theory after the financial crisis, the environmental Kuznets curve, financial crises in emerging markets, the determinants of income distribution, growth volatility, political stability and growth, structural adjustments.

Honours Capstone Seminar (ECON 4905D): Winter 2018. The course consisted in having students undertake a panel study (fixed and random effects) on topics chosen from a specified list provided by myself) Twenty-four projects were individually supervised. Topics included: the impact of the opioid crisis on low birth weight, the impact of oil price volatility on Canadian economic growth, the impact of institutions for economic growth, the impact of financial development and financial structure on growth, the impact of technological innovation on employment growth in the manufacturing sector in the US and Australia, the impact of infrastructure spending and maintenance expenditures on private investment, the impact of geography and climate on economic growth, the impact of democracy and political stability on growth, the impact of military spending on growth as well as the economic and political determinants on growth, the relationship between taxation and growth, tests of the capital asset pricing model, tests of market efficiency, corporate governance and firm performance.

Honours Seminar: Microeconomics (ECON 4901): Winter 2008, Fall 2008, Fall 2009 and Fall 2010.

Honours Seminar: (ECON 4900) 1997, 2001, 2002, 2006 (Winter and Fall).

Economics of Uncertainty and Information (43.406): Winter and Fall 1985, 1986, 1988.

Statistical Decision Theory (43.407): Winter 1986 and 1987.

Intermediate Microeconomics (43.202 and 203) 1984-1988, 1990, 1991, 1995, 1996, 1997 and 2000.

Intermediate Macroeconomics: Winter 1988 (at the University of British Columbia).

Introduction to Economics (43.100) 1999, 2000, 2001.

READING COURSES (43.493):

Patricia Shih (B.A. Honours student), Topics in Mathematical Economics, 1987.

Alaina Aston, Trade Liberalization in the NAFTA, 1992.

2. Graduate Courses Taught

Asset Pricing (ECON 5051). Fall 2008, Fall 2009, Fall 2010, Winter 2012, Fall 2012, Winter 2014, Fall 2014, Fall 2015, Fall 2016, Fall 2017 and Fall 2019. Course for the MA concentration in Financial Economics.

Financial Markets and Instruments (ECON 5052). Winter 2015.

Special Topics in Financial Economics (ECON 5058). Winter 2009, Winter 2010, Winter 2016 and Winter 2017. Course for the MA concentration in Financial Economics.

The Theory of Economic Development (ECON 5500) 2000, 2001, 2002, 2003, 2005 (Winter and Fall), Winter 2007, Fall 2007.

International Aspects of Economic Development (43.555) 1995-97.

Microeconomics (43.501) Fall 1990.

Macroeconomic Theory (43.502) Fall 1999.

Economics of Uncertainty and Information (43.508) Winter 1985, Fall 1985, 1986 and 1988.

Statistical Decision Theory (43.508): Winter 1986 and 1987.

Microeconomic Theory Fall (43.600) (Ph.D. level course): Fall 1985

Macroeconomic Theory (43.601) (Ph.D. level course): 2003.

Reading courses (43.507):
Armonrat A., Topics in Microeconomic Theory, Winter 1995.
Bindu Islam, Topics in Microeconomic Theory, (43.507), Winter 1995.
Xiaonong Pu, Microeconomics, (43.507), Fall 1995.

Reading courses (43.508):
Khuzaimah Kahlifah Topics in Mathematical Economics, Fall 1990.
Qingmin Liu,Topics in Mathematical Economics, Fall 1986.

3. Supervisions

a) Completed

Elizabeth Marcil, Carleton University Research Opportunity Program (CUROP), Undergraduate Internship, “Geography, Climate and Income per Capita” Summer 2018.

Nancy Cebryk,"Industrial Price Formation and Industry Concentration in Canadian Manufacturing Industries" M.A. Thesis, 1997.

Georg Dresel, "The European Monetary System", MA Essay, Norman Patterson School of International Affairs, 1994.

Nathalie Poirier, "The Convertibility of the Ruble", M.A. Thesis, 1993.

Huda Al-Shammari “The Indian IT industry: an investigation into the sources of growth of the modern Indian growth miracle,” Honours Thesis, 2007.

Ahlam Abdillahi, “Structural Debt Relief and Educational Reform,” Honours Thesis, 2005.

Stephan Stenson, "Europe 1992- Completing the Single European Financial Market", Honours Thesis, 1991-92.

Benoit Stryckman, "Structural Adjustment in the European Community: the Case of Portugal", Honours Thesis, 1991-92.

Brent Bergeron, "The European Monetary Union", Honours Thesis, 1991-92.

b) In Progress

Jihad Abaddi, “Essays in Financial Economics” 2018-

4. Other Academic Responsibilities

Manasit Choomsai Na Ayudha, “Demographic Change, Saving Behavior and Imperfect Annuity Market in Thailand,” (University of Ottawa), 2017, Ph.D. thesis, committee member, (In progress).

Somaieh Nikpoor, “Interregional Transfers through Public Pension in Canada,” (University of Ottawa), 2017, Ph.D. thesis, committee member.

Catherine Milot, “Three Essays on Low-skilled Migration, Sustainability and Trade in Services” (University of Ottawa), 2013, Ph.D. thesis, committee member.

O. Zahkilwal, “Trade and Wages,” Ph.D. thesis, completed, 2001, committee member.

A. Seçkin "Consumption with Habit Formation," Ph.D. thesis, completed, 1999, committee member.

C. Sancak "Investment Decisions under Capital Market Imperfections," Ph.D. thesis, completed, 2000, committee member.

Patrick George, “Exchange Rate Bands” (University of Ottawa), Ph.D. thesis, Completed 1995, committee member.

Chitra Rajan, “Welfare Measurement” (University of Ottawa), Ph.D. thesis, Completed 1989, committee member.

Internal/External examiner for Ph.D. thesis: Bin Bin, "Value Creation and Leveraged Buyouts (LBOs)" (Carleton University, School of Business, Finance), Defence, Spring 2008.

Internal/External examiner for Ph.D. thesis: Peng Cheng Zhu “Three Essays on Cross-Border Mergers and Acquisitions in Emerging Markets” (Carleton University, School of Business, Finance) Defence, Spring 2009.

Internal/External examiner for M.A. essay, Norman Patterson School of International Affairs: Justin Glinski «Reorganizing incentives: OECD Agricultural Subsidization and WTO Dispute Settlement » Defence, August 2013.

Internal/External examiner for Ph.D. thesis: Yinlin Zhang “Three Essays in Banking and Finance” (Carleton University, School of Business, Finance) Defence, Winter 2019.

G. ADMINISTRATIVE RESPONSIBILITIES (INCLUDING COMMITTEE WORK)

Supervisor of Ph.D. Studies, 1991-1996 (six month-sabbatical Winter 1994)

Director of the Joint Ph.D. Program Carleton University and the University of Ottawa, 1994-1996.

Member of EURUS Recruiting Committee, 2008-2009.

Also participated in interviews at the AEA meetings for the Finance Recruiting Committee, 2009.

Member of Recruiting Committee Economic Development, 2007-2008.

Representative to the Council of Krueger College 2001-2002, 2004-2005, 2005-2006, 2006-2007, 2007-2008, 2008-2009.

Library Representative 2005-2006, 2006-2007, 2007-2008, 2008-2009, 2009-2010, Fall 2010, 2012-2013, 2013-2014, 2014-15, 2015-2016 and 2016-2017

Carleton Economics Papers editor, 2006-7

Member of the Graduate Committee, 1990-96, 2002, 2006-2007, 2007, 2008, 2008-2009, 2009- 2010.

Liaison with the Faculty of Arts and Social Sciences (FASS), 2002-3.

Coordinator of Managerial Economics (43.2009), 2013-2016.

Coordinator of Intermediate Microeconomics 43.202 and 43.203, 1985-87.

Member of the Honours Comprehensive Examining Board, 1986.

Member of the Ph.D. Board of Examiners, Microeconomic Theory, 1986, 1991 and 1993, 1994, 1995.

Member of the Ph.D. Board of Examiners, Macroeconomics, 1995, 2000, 2003. Coordinator in 2003.

Member of the Ph.D. Board of Examiners, Economic Development, 1986, 1995, 1996, 1997 (coordinator), 2001 (coordinator), 2002, 2003 (coordinator), 2005, 2007, 2008 (coordinator), 2009.

Member of the Ph.D. Board of Examiners, International Economics, 2002.

Member of the Promotions Committee, 1988-89, 1994-1995, 1998-1999.

Member of the Tenure Committee, 1992-93, 1999-2000.

Member of the Recruiting Committee, 2000-2001.

Member of the Joint Ph.D. Committee (Carleton- University of Ottawa), 1989-96.

Faculty Advisor to the Carleton Economics Students Society, 1990-92.

Coordinator of the Seminar Series in Economic Theory and Mathematical Economics, 1985-86 and 1986-87.

Member of the Graduate Faculty Board 1991-96.

Member of the Senate Committee on the University Library, 1993-96.

Economics department representative at the Faculty Board of the Sprott School of Business, 2009-2010, Fall 2010, 2012-2013, 2014, 2016 and 2017-2018

Cooordinator, ECON 3900 Research Methods in Economics, 2017-2018.

Member of the M.A. Committee.

H. OTHER

Discussant, Panel on Canadian Political Economic Issues, Emerging Perspectives Conference, FPA, Carleton University, March 2019

Vice-President of Centre de la petite-enfance Mont-Royal, 2002-2004.

Member of the Policy Commission of the Liberal Party of Quebec, 1998-2007.

Member of the Comité du suivi (2003-2007) of the Liberal Party of Quebec, mandated with the responsibility of ensuring that the Charest government fulfil its policy platform.

President of the Committee on Economic Prosperity for the Comité du suivi of the Liberal Party of Quebec, 2003-2007.

Treasurer of the Liberal Association for Laval-des-Rapides, since 2003.

Agent officiel d'Alain Paquet, Membre de l'Assemblée nationale and Ministre délégué aux Finances, 2003-2012.

Représentant officiel et agent officiel de Saul Polo, Député, Laval-des-Rapides, 2014-.

Curriculum Vitae

NAME: Jose C. Galdo

DEPARTMENT: SPPA\ECONOMICS

TELEPHONE NUMBER IN DEPARTMENT: Ext. 2939

CARLETON E-MAIL ADDRESS: jose.galdo@carleton.ca

A. EDUCATION

Ph.D. Economics, Syracuse University, 2006
M.A. Economics, Syracuse University, 2004
B.A. Economics, Pontificia Universidad Católica del Perú, 1995

Doctoral Thesis
Title: Three Essays in Labour Economics

Thesis Committee:
Prof. Dan Black, University of Chicago (Supervisor)
Prof. Jeffrey Smith, University of Michigan at Ann Arbor (Advisor)
Prof. Jeffrey Kubik, Syracuse University (Advisor)

B. EMPLOYMENT

1. Academic Appointments

Visiting Associate Professor, AREC, University of Maryland at College Park, 2015-2016.

Carleton University, School of Public Policy and Administration and Department of Economics,
Associate Professor, July 2013 - present
Assistant Professor, July 2008 - June 2013

McMaster University, Department of Economics, Postdoctoral Research Fellow, July 2006-June 2008

Research Associate, Center for Policy Research, Maxwell School of Public Affairs, Syracuse University, 2002-2005

2. Other Employment

Expert Advisor for SINERGIA (Colombian Government) and the International Initiative for Impact Evaluation (3ie), 2013-2015.

Core Faculty, International Program for Development Evaluation Training (IPDET), The World Bank and Carleton University, 2009-2016

Visiting Professor, Centro de Investigaciones Universidad del Pacifico, Lima, Perú, 2013.

Visiting Researcher, Group of Analysis of Development (GRADE), Lima, Peru, 2005-2007

Short-term Research Assistant, Research Department, Inter-American Development Bank, Washington D.C., 2001.

Head of the Evaluation Unit, PROJOVEN, Ministry of Labor, Lima, Peru, 1997-1999

Technical Advisor for the Vice-Minister, Ministry of Labor, Lima, Peru, 1996-1997

C. PROFESSIONAL HONOURS

GIAN Scholar, Selected by the Government of India, Ministry of Human Resources Development, 2017.

"Excellence in Teaching Award", Awarded by Graduate Students of Public Policy and Administration, Carleton University, 2014-2015.

Listed in IZA Who's Who in Labor Economics, 2009

Listed in Who's Who in North American Colleges and Universities, 2009

Recipient "Eggers Summer Scholar", Syracuse University, 2005-2006

Recipient "Phi Beta Delta Honor Society for International Scholars", 2002-2006.

Graduate School Scholarship, Syracuse University, 2001-2006

Recipient Fulbright Scholarship (Graduate Studies), 1999

Recipient Encyclopedia Britannica Scholarship (Graduate Studies), 1999

D. PUBLICATIONS

1. Refereed Scholarly Publications

a) Books

None

b) Articles in Refereed Journals

"Evaluating the Worker Profiling and Reemployment Services System Using a Regression Discontinuity Approach", *The American Economic Review*, 97(2):104-107, 2007 (with Dan Black and Jeffrey Smith).

"Is It Possible To Speak English Without Thinking American? On Globalization and the Determinants of Cultural Assimilation", *Economics Letters*, 100(2):192-195, 2008 (with Alberto Chong).

"Informality and Productivity in the Labor Market in Peru", *Journal of Economic Policy Reform,* 11(4):229-245, 2008 (with Alberto Chong and Jaime Saavedra).

"Bandwidth Selection and the Estimation of Treatment Effects with Unbalanced Data", *Annals of Economics and Statistics*, 91-92: 189–216, 2010. (with Dan Black and Jeffrey Smith)

"Does the Quality of Public-Sponsored Training Programs Matter? Evidence from Bidding Processes Data", *Labour Economics*, 19(6):970-986, 2012 (with Alberto Chong)

"Long-Run Labor-Market Impacts of Early-Life Exposure to Civil War: Evidence from Shining Path in Peru", *Economic Development and Cultural Change,* 61(4):789-823, 2012.

"Program Quality and Treatment Completion for Youth Training Programs, *Economics Letters*, 119(3):243-246, 2013 (with Ana Dammert).

"Child Labor Variation by Type of Respondent: Evidence from a Large-Scale Study", *World Development*, 51(11):207-220, 2013 (with Ana Dammert).

"Digital Labor-Market Intermediation and Job Expectations: Evidence from a Field Experiment", *Economics Letters*, 120(1):112-116, 2013 (with Ana Dammert and Virgilio Galdo).

"Preventing Dengue through Mobile Phones: Evidence from a Field Experiment in Peru", *Journal of Health Economics*, 35:147-161, 2014, (with Ana Dammert and Virgilio Galdo).

"Wage Returns to Mid-Career Investments in Job Training through Employer Supported Course Enrollment: Evidence for Canada", *IZA Journal of Labor Policy,* 4(1):1-25, 2015 (with Ci, W., M. Voia, and C. Worswick)

"Mobile phones for labor market intermediation: A multi-treatment experimental design", *IZA Journal of Labor and Development*, 4(11):1-27, 2015 (with Ana Dammert and Virgilio Galdo).

"Demand-Driven Youth Training Programs: Experimental Evidence from Mongolia", Revise and Resubmit, *World Bank Economic Review*, (with Maria Laura Alzúa, Soyolmaa Batbekh, Altantsetseg Batchuluun, Bayarmaa Dalkhjav)

"He said, she said: Child labor measurement in Ethiopia" Revised and Resubmit, *World Bank Economic Review* (with Ana Dammert and Degnet Abebaw).

c) Articles in Refereed Conference Proceedings

None

d) Edited Books

None

e) Chapters in Refereed Books

"Digital Labor-Market Intermediation and Subjective Job Expectations" In: Alberto Chong and Monica Yanez-Pagans (ed.) Information Technologies and Economic Development in Latin America, 2020, Anthem Press, Wimbledon Publishing Company.

Galdo, J. (2000) Evaluation of Training Programs on the Peruvian Labor Market: The Case of PROJOVEN". In: E. Vasquez (ed.) Impact of the Social Investment in Peru, International Development Research Center-Canada and Universidad del Pacífico.

Galdo, J. and G. Priale (1999) Peruvian Youth: Human Capital and Returns to Education. In: A. Panfichi (ed.) Youth: Society and Culture. Network for the Development of Social Sciences in Perú, Peruvian Studies Institute (IEP), Pontificia Universidad Católica del Perú, and Universidad del Pacífico.

2. Other (Non-refereed) Scholarly Publications

a) Non-refereed Books

None

b) Chapters in Non-refereed Books

None

c) Review Articles

None

d) Articles in Non-refereed Journals

Galdo J. and M. Jaramillo (2008) Household Wealth and Heterogeneous Impacts of a Market-Based Training Program: The Case of PROJOVEN in Peru, PEP-PMMA.

Galdo, J. (19997) Quality of Education, Wage Differentials, and Displacement of Labor Demand: The Case of the Graduated from Higher Technical Institutes, *Bulletin of Labor Economics*, Vol. 2.

Galdo J. (1996) Peruvian Youth: Poverty and Human Capital", *Expectativas*, Vol. 1:1.

e) Articles in Non-Refereed Conference Proceedings

None

f) Technical Reports

Galdo, J. (2014) Methodology Report on the Evaluation of the Connecting Canadians with Available Jobs (CCAJ) Initiative. Prepared for: Human Resources and Skill Development Canada (HRSDC).

Galdo, J. (2012) Methodology Report on the Behavioural Impacts of the Extended Duration of Employment Insurance Regular Benefits Initiative. Prepared for: Human Resources and Skill Development Canada (HRSDC).

Black D., J. Galdo, and L. Liu (2002) How Robust are Hedonic Wage Estimates of the Price of Risk? Center for Policy Research, Maxwell School of Public Affairs and Environmental Protection Agency (EPA)

g) Book Reviews in Scholarly Journals

None

h) Major Encyclopedia or Dictionary Articles

None

i) Catalogues

None

3. Creative or Professional Publications

None

E. OTHER SCHOLARLY OR PROFESSIONAL ACTIVITY

1. Editorial Responsibilities

Associate Editor, ECONOMIA The Journal of the Latin American and Caribbean Economic Association (LACEA), 2016-present

International Editorial Board, *APUNTES* Journal of Social Sciences, 2018-present

Associate Editor for Economics, *Latin America Research Review*, McGill University, Editorial Offices: University of Pittsburgh, 2014-2016

2. Papers presented

2018-2019: Canadian Economics Association Meeting, Banff; 3rd IZA/HSE Workshop on Skills and Preferences and Labor Market Outcomes in Post-transition and Emerging Economies, Higher School of Economics, Russia; Third Labour Markets in Eastern Africa: Evidence and Policy Lesson, IZA/DFID GLM-LIC Research Network Conference.

2015-17: 1st IZA/DFID GLM-LIC Research Conference on New Research on Labor Markets in Low-Income Countries, The World Bank; Inter-American Development Bank Washington D.C; 2nd IZA/DFID GLM-LIC Research Conference on New Research on Labor Markets in Low-Income Countries, University of Oxford; Ohio University, University of Maryland at College Park, 3ie-IFPRI Seminar Series in Impact Evaluation.

2013-14: University of Guelph; Universidad del Pacífico; IZA-World Bank Conference on Employment and Development; 29th Congress of the European Economic Association at Toulouse School of Economics; 8th Meeting of the Network for Impact Evaluation at Inter-American Development Bank.

2011-2012: Latin American Meeting of the Econometric Society (LAMES); Centre for Security and Defense Studies, Carleton University; CIRPEE-Laval University; Canadian Economic Association Meeting.

2009-2010: Econometric Society World Congress, Shanghai; EALE-SOLE, London; Fifth IZA/World Bank "Employment and Development Conference" Cape Town; Georgetown University/IZA; American Economic Association Meeting, San Francisco; The Business and Labour Market Analysis Division: STATISTICS Canada, Ottawa.

2007-2008: Department of Economics, Emory University; Rockefeller College of Public Affairs and Policy, SUNY-Albany; Department of Economics, ITAM; Department of Economics, York University ; School of Public Policy and Administration, Carleton University; Department of Economics, University of

Waterloo; Small Open Economies in a Globalized World Conference, Wilfred Laurier University, Third IZA/ World Bank Conference on Employment and Development, Morocco; The Society of Labor Economists (SOLE), Chicago; Department of Economics, Universidad de Piura; Third IZA Conference on the Evaluation of Labor Market Programs, Bonn.

2005-2006: Center for International Development, Harvard University; Department of Economics, Laval University; Department of Economics, McMaster University; Department of Economics, Queen's University; NEUDC Conference, Cornell University, New York; European Econometric Society Meeting, Vienna; Econometric Society World Congress, London; Canadian Economic Association Meeting, Hamilton; LACEA, Paris; World Bank/NIP Conference, San Jose, Costa Rica.

2004: Canadian Economic Association Meeting, Toronto; Latin American Meeting of the Econometric Society, Chile.

3. Contract or Other Research

Research Grants

IZA-DFID Growth and Labour Markets in Low Income Countries (GLM-LIC) Grant, with A. Dammert and B. Shiferaw (co-PI), 2014-2017.

Social Sciences and Humanities Research Council of Canada (SSHRC), Insight Development Research Grant (sole investigator), 2012-1014

HRSDC and SRDC-CLSRN research project on human capital investments for adult workers in Canada, with Chris Worswick and Marcel Voia (co-PI), 2011-2012.

Inter-American Development Bank, Research Network Project on Information and Communication Technologies and Societal Empowerment: Health Economics, with A. Dammert and V. Galdo (co-PI), 2009-2010.

Inter-American Development Bank, Research Network Project on Information and Communication Technologies and Societal Empowerment: Labor Economics, with A. Dammert and V. Galdo (co-PI), 2009-2010.

Poverty and Economic Policy Network, CIRPEE, Department of Economics, Laval University, Grant # 702, with Miguel Jaramillo, (Co-PI), 2006-2007.

Research Department, Inter-American Development Bank, Washington D.C., Contract # 0001, (PI), 2006.

Research Department, Inter-American Development Bank, Washington D.C., Contract # 12939, (PI), 2005.

Research Contracts

USAID —Management System International (MSI), 2018

International Development Research Centre-IDRC, 2015

Ministry of Economics and Finance of Peru–UCPS, 2014

Human Resources and Skill Development Canada, 2013-2014

Ministry of Development and Social Inclusion of Peru–JUNTOS, 2013

Ministry of Development and Social Inclusion of Peru–JUNTOS, 2013

Human Resources and Skill Development Canada, 2012

International Labor Organization, 2008-2009.

Ministry of Labor of Peru - Youth Training Program PROJOVEN, 2004.

United Nations Development Program, 1996-1999

Inter-American Development Bank, 1996

International Labor Organization, 1996

4. Other Professional Activities

Research Fellow, The Institute for the Study of Labor (IZA), Bonn, Germany, 2009-present

Member, Impact Evaluation Scientific Program Committee, Partnership for Economic Policy (PEP), Canada, 2012-present

Research Affiliate, The Institute for the Study of Labor (IZA), Bonn, Germany, 2006-2009.

<u>External Referee for Scholarly Journals:</u>

Canadian Journal of Economics
The American Economic Review
Review of Economics and Statistics
Journal of Business and Economic Statistics
Journal of Development Economics
American Economic Journal - Applied Economics
Journal of Public Economics
Labour Economics
Journal of Urban Economics

Empirical Economics
Industrial and Labor Relations Review
World Bank Economic Review
Economics of Education Review
Defense and Peace Economics Journal
American Political Science Review
Economics Development and Cultural Change
Economics and Human Biology
Economics Bulletin
Journal of Economics, Race, and Policy
Journal of Development Studies
Latin American Economic Review

External Referee for Research Grants and Scholarships:

U.K. Economic and Social Research Council
U.S National Science Foundation
U.S Department of Education
Canada Millennium Scholarship Foundation
Partnership for Economic Policy-PEP
Pontificia Universidad Católica del Perú
Routledge Francis & Taylor
Shastri Indo-Canadian Institute

Research Affiliations

Research Fellow, The Institute for the Study of Labor (IZA), Bonn, Germany, 2009-present

Member, Impact Evaluation Scientific Program Committee, Partnership for Economic Policy (PEP), Canada, 2012-present

Research Affiliate, The Institute for the Study of Labor (IZA), Bonn, Germany, 2006-2009.

5. Scholarly Work in Progress

"Digital Blackouts and Economic Performace: Evidence from a Natural Experiment in China" (with Paul Minard). Under submision: *Economics Letters*

"Welfare Impacts of Financial Inclusion for Fairtrade Farmers: Experimental Evidence from Ethiopia" (with Ana Dammert)

Dammert, A and J. Galdo "Fair Trade, Productivity and Economic Shocks: Evidence from Coffee Producers in Peru" (in progress)

Black D., J. Galdo, and J. Smith "Estimating the Bias of the Regression Discontinuity Design Using Experimental Data." Manuscript, University of Michigan

Galdo J (2011), "Treatment Impacts for Profiling Unemployment Insurance Programs: Semiparametric Estimation of Matching Models with Fixed Effects, Manuscript, Carleton University.

F. ACADEMIC RESPONSIBILITIES (TEACHING)

1. Undergraduate Courses Taught

Carleton University

Department of Economics, Project Evaluation, 2009-2012.

McMaster University

Department of Economics, Econometrics I , 2006-2008

Syracuse University

Department of Economics, Macroeconomics, 2004 –2005

2. Graduate Courses Taught

Carleton University

School of Public Policy and Administration:
-Microeconomic Analysis, 2008-present
-Research Methods & Design II, 2008-present
-Analysis of Socio-Economic Data, 2008-present
-Program Evaluation in Developing Countries, 2008-present
-Macroeconomics for Public Policy, , 2008-present

3. Supervisions

a) Completed

Ph.D. Dissertation, Economics, University of Ottawa: Ibrahim Bousmah–Thesis Committee Member, 2017-2020.

Ph.D. Dissertation, School of Mathematics and Statistics: Fares Said–internal/external examiner, 2020.

Ph.D. -Dissertation, School of Mathematics and Statistics: Abel Dasylva -internal/external examiner, 2018.

Ph.D. Dissertation, Economics, University of Ottawa: Derek Rice –Thesis Committee Member, 2016-2018.

MA-Thesis, School of Mathematics and Statistics: Yaqin Yang -internal/external examiner, 2017.

Ph.D. Dissertation, NPSIA: Rachael Calleja–internal/external examiner, 2017

Ph.D.-Dissertation, SPPA: Paul Minard –Co-Supervisor, 2012-2014

PhD. -Dissertation, School of Mathematics and Statistics: Salehin Chodhury - internal/external examiner, 2013

PhD - Dissertation, SPPA: Maria Sistova - thesis committee member, 2010

PhD - Dissertation, Economics: Bo Zhao - internal/external examiner, 2009

MA-Thesis, School of Mathematics and Statistics: Scott McLeish -internal/external examiner, 2012

MA- Thesis, Economics: Charles Saunders - internal/external examiner, 2011

Honours Essay - Economics: Nesochi Chinwuba - second reader, 2010

MA Research Essays - SPPA: Darek Gondor – advisor, 2009

b) In Progress

Ph.D. Dissertation, Economics, University of Ottawa: Michela Planatscer–Thesis Committee Member, 2019-

Ph.D. Dissertation, SPPA: Hasanuzzaman Zaman –Thesis Committee Member, 2018-

Ph.D. Dissertation, SPPA: Gregory Matte –Thesis Committee Member, 2017-

4. Other Academic Responsibilities

Member of the Scientific Committee of the 23rd Annual Meeting of the Latin American Meeting of the Econometric Society (LAMES), 2018.

G. ADMINISTRATIVE RESPONSIBILITIES

Graduate Program Supervisor, Ph.D. Program in Public Policy, SPPA, 2018-

Member, Tenure and Promotion Committee–SPPA, 2019

Member of Admission Committee, Ph.D. Program in Public Policy, SPPA, 2017

Member of Teaching and Learning Committee, SPPA, 2016-2018

Member of Admission Committee, Diploma in Program Evaluation, SPPA 2016-2018

Member, Hiring Committee, Department of Economics, 2014-2015

Member, MAPA Curriculum Review, SPPA, 2014

Member, DPE Curriculum Review, SPPA, 2014

Member, Hiring Committee –SPPA, 2013

Chair, Ian MacDonald Memorial Essay Award Committee–SPPA, 2012-2013

SPPA Representative, Faculty of Public Affairs Board, 2012-2013

Member, Hiring Committee –Department of Economics, 2011-2012

Member, M.A. Admission Committee –SPPA, 2011

Member, Ian MacDonald Memorial Essay Award Committee–SPPA, 2008-2011

Member, Tenure and Promotion Committee–SPPA, 2008-2011

H. OTHER

None

Dana Galizia

Department of Economics
Carleton University
Room D-885, Loeb Building
1125 Colonel By Drive
Ottawa, ON K1S 5B6
Canada

Work: (613) 520-2600 x7454
Cell: (613) 983-5406
dana.galizia@gmail.com
www.danagalizia.com

CURRENT POSITION

Assistant Professor, Deparment of Economics, Carleton University — 2015-present
(parental leave 11/2015-03/2016, 9/2017-12/2017)

RESEARCH FIELDS

Macroeconomics, business cycles, macroeconometrics.

EDUCATION

Ph.D., Economics — Nov. 2015
The University of British Columbia, Vancouver, BC, Canada
Committee: Paul Beaudry (Advisor), Henry Siu, Yaniv Yedid-Levi

M.A., Economics — Aug. 2007
McGill University, Montreal, QC, Canada

B.A., Actuarial Science with Economics — Apr. 2005
The University of Western Ontario, London, ON, Canada

CITIZENSHIP

Canadian, Italian

PUBLICATIONS

Publications in Academic Journals

(2020) "Putting the Cycle Back into Business Cycle Analysis" (with Paul Beaudry and Franck Portier). *American Economic Review*, 110(1) (lead article).

(2018) "Reconciling Hayek's and Keynes' views of recessions" (with Paul Beaudry and Franck Portier). *Review of Economic Studies*, 85(1).

(2016) "Is the Macroeconomy Locally Unstable and Why Should We Care?" (with Paul Beaudry and Franck Portier). *2016 NBER Macroeconomics Annual*.

Other Completed Research Papers

(2019) "Saddle Cycles: Solving Rational Expectations Models Featuring Limit Cycles (or Chaos) Using Perturbation Methods" (under review)

(2015) "Misspecification and the Causes of Business Cycles"

CONFERENCE PRESENTATIONS

Computing in Economics and Finance (CEF) — June 2018
Milan, Italy

Minnesota Macro Workshop — July 2017
Minneapolis, Minnesota

Macroeconomics and Business CYCLE Conference — May 2017
Santa Barbara, California

Society for Economic Dynamics Annual Meeting 2016 July 2016
Toulouse, France

Canadian Macroeconomics Study Group (CMSG) November 2014
Hamilton, ON, Canada

Canadian Economics Association Annual Meeting June 2014
Vancouver, BC, Canada

Computing in Economics and Finance (CEF) July 2013
Vancouver, BC, Canada

AWARDS

Carleton University Dept. of Economics Research Achievement Award	2017
Izaak Walton Killam Memorial Pre-Doctoral Fellowship	2011-13
Four Year Fellowships For PhD Students, UBC	2011-13
Canadian Foundation for Economic Education David Dodge Scholarship	2010-11
A D Scott Fellowship in Economics	2010-11
Faculty of Arts Graduate Award, UBC	2009-11
Blackorby Prize for top grade in first-year PhD microeconomics, UBC	2009
Cragg Prize for top grade in first-year PhD econometrics, UBC	2009

GRANTS

Rebuilding Macro – Instability Hub (£65,000)	2018-

TEACHING EXPERIENCE

Instructor 2016-present (Carleton University)
Undergraduate intermediate and advanced macroeconomics, MA macroeconomics

Teaching Assistant 2009-2014 (UBC)
2006-2007 (McGill University)
Graduate macroeconomics, mathematical economics.
Undergraduate macroeconomics, microeconomics, international economics.

Teaching Awards:

Carleton University Students' Association Teaching Excellence Award	2018-19
Carleton University Students' Association Teaching Excellence Award	2017-18
Outstanding Graduate Student Teaching Award (UBC)	2013

Till O. Gross

Department of Economics
Carleton University
1125 Colonel By Drive
Ottawa, ON, Canada K1S 5B6
Office: D-897 Loeb Building
Telephone: 613-520-2600 x 3773
Email: till.gross@carleton.ca
Homepage: https://sites.google.com/site/tillgrosshomepage/

Employment

Associate Professor, Department of Economics, Carleton University, 2019 - present

Assistant Professor, Department of Economics, Carleton University, 2011 - 2019

Parental leave, August 2014 - April 2015 and January 2016 - September 2016

Education

PhD, Economics, University of California Santa Barbara, 2011

M.A. Economics, University of California Santa Barbara, 2007

M.A. Sociology and Political Science, Humboldt Universität zu Berlin, 2006

M.Sc. Economics, Université du Québec à Montréal, 2004

Vordiplom, Business Administration, Otto-von-Guericke Universität Magdeburg, 2002.

Publications

Equilibrium Capital Taxation in Open Economies under Commitment, European Economic Review 70 (2014), pp. 75-87

Merit Pay and Wage Compression with Productivity Differences and Uncertainty (with Gary Charness & Christopher Guo), Journal of Economic Behavior and Organization 117 (2015), pp. 233-247

Employment Gains from Minimum-Wage Hikes under Perfect Competition: A Simple General-Equilibrium Analysis (with Richard Brecher), Review of International Economics, Vol. 26, Issue 1, February 2018, pp. 165-170

A Minimum-Wage Model of Unemployment and Growth: The Case of a Backward-Bending Demand Curve for Labor (with Richard Brecher), International Journal of Economic Theory, Vol. 15, No 3, September 2019, pp. 297-309

Unemployment and Income-distribution Effects of Economic Growth: A Minimum-Wage Analysis with Optimal Saving (with Richard Brecher), forthcoming at the International Journal of Economic Theory

Temporary Foreign Workers and Firms: Theory and Canadian Evidence (with Pierre Brochu and Christopher Worswick), accepted at the Canadian Journal of Economics

Residence-based capital taxation in open economies with infinitely-lived dynasties (with Paul Klein and Miltiadis Makris), conditionally accepted at the Journal of International Economics

Sequential vs. Simultaneous Trust (with Maros Servatka and Radovan Vadovic), forthcoming at the Journal of Institutional and Theoretical Economics

Working Papers

Optimal Fiscal Policy in a Transfer Union

Dynamic Capital Tax Competition under the Source Principle (with Paul Klein and Miltiadis Makris)

On the relevance of tax competition when it is optimal to tax capital income in the long run

Capital Taxation, Intermediate Goods, and Production Efficiency

Financing Constraints, Firm Dynamics, and International Trade (with Stéphane Verani)

Work in Progress

Strategic Investment: Do Executives Exploit the Market? (with Radovan Vadovič)

Dynamic Tax Competition and International Trade (with Anderson Nzabandora)

Optimal Capital Taxation with Endogenous Firm Creation and Financial Intermediation (with Eric Stevens)

Optimal Dynamic Taxation and Minimum Wages (with Richard Brecher)

Grants, Awards, and Honors

SSHRC Insight Development Grant for "Residence-based capital taxation in open economies with infinitely-lived dynasties," 2017-2020

Research grant for "Strategic Investment: Do Executives Exploit the Market?" (with Radovan Vadovic), Institute for Research in Experimental Economics, 2014

Travel grants for graduate students, UCSB, 2009, 2010

Teaching Assistant of the Year, UCSB, 2009/10

Research grant for "Merit Pay and Wage Compression with Productivity Differences and Uncertainty" (with Chris Guo), UCSB, department of economics, 2009

Preliminary examinations passed with distinction, UCSB, 2007

Chancellor's fellowship, UCSB, 2006-2011

2nd prize for the best master's thesis in economics, UQAM, 2003/04

Research scholarship, CIRPÉE (UQAM), 2003/04

Research scholarship, CIRPÉE (UQAM), 2003

Exchange stipend to UQAM, U. Magdeburg, 2002

e-fellow for excellent achievements in the Vordiplom, U. Magdeburg, 2002

Teaching Experience and Supervision

Ph.D. committee member (graduated): Jin Woong Kim (2014), Jerome Archambault (2020)

Honor's Thesis Advisor: Glen Barber (2012), Dominik Graf (2012)

Graduate Optimal Taxation, Carleton University: Fall 2011, Fall 2012, Winter 2014, Fall 2015, Winter 2017, Winter 2018, Fall 2018

Graduate Microeconomics (Master's), Carleton University: Fall 2018, Winter 2019

Intermediate Microeconomics I: Production, Carleton University: Fall 2011, Winter 2012, Fall 2012, Winter 2013, Fall 2013, Fall 2016, Fall 2017, Winter 2018

Intermediate Microeconomics II: Consumption, Carleton University: Winter 2014, Fall 2015, Fall 2016, Winter 2017, Winter 2018, Winter 2019

Conference and Seminar Presentations

Canadian Economic Association, Annual Conference, 5/30-6/2/2019; Canadian Public Economics Group, Annual Conference, 10/25-26/2019; Midwest Macro Meetings, 5/17-19/2019; Canadian Economic Association, Annual Conference, 6/1-3/2018; Third Annual Carleton Macro Finance Workshop, 5/26/2018; Canadian Economic Association, Annual Conference, 6/2-4/2017; Société canadienne de science économique, Annual Conference, 5/10-12/2017; Canadian Public Economics Group, Annual Conference, 11/4-5/2016; Ryerson University, 9/27/2016; International Institute of Public Finance, Annual Conference, 8/9-11/2016; University of Windsor, 10/30/2015; Canadian Economic Association, Annual Conference, 5/29-31/2015; Queen's University, 10/8/2014; Canadian Economic Association, Annual Conference, 5/29-6/1/2014; Association for Public Economic Theory, Annual Conference, 7/5-7,2013; Canadian Economic Association, Annual Conference, 5/30-6/2/2013; Midwest Macro Meetings, 5/16-19/2013; Bank of Canada, 5/10/2013; Université du Québec à Montréal, 3/15/2013; University of Ottawa, 11/8/2012; Society for Computational Economics, 6/27/29/2012; Canadian Economic Association, Annual Conference, 6/7-10/2012; Société canadienne de science économique,

Annual Conference, 5/9-11/2012; UC Santa Barbara, 4/17/2012; Bank of Canada, 10/14/2011; City University of Hong Kong, 2/17/2011; New Economic School Moscow, 2/14/2011; Universitat Autònoma de Barcelona, 2/11/2011; Fundaçao Getulio Vargas, 1/28/2011; Carleton University, 1/21/2011; University of Connecticut, 1/18/2011; University of Bielefeld, 12/16/2010; UC Irvine, 11/16/2010; LEEX Summer School in Experimental Macroeconomics, Universitat Pompeu Fabra, July 2009

Referee Activities

Journal of Economic Dynamics and Control (x3), European Economic Review (x2), Macroeconomic Dynamics, Economic Modelling, Canadian Journal of Economics (x2), Scandinavian Journal of Economics (x4), Journal of Public Economics, Labour Economics, International Tax and Public Finance, Journal of the European Economic Association, Journal of Behavioral and Experimental Economics, Review of Behavioral Economics, Economics Bulletin

Professional Activities

Local committee member of the Computing in Economics and Finance annual conference in Ottawa, Summer 2019 (with Dana Galiza, Lynda Khalaf, and Francesca Rondina, the main organizers were Stefano Gnocchi and Hashmat Khan)

Co-organizer of a workshop on "Issues related to the likely impact of Temporary Foreign Workers on wages in the Canadian labour market", Human Resources and Skills Development Canada, (with Chris Worswick and Pierre Brochu), Fall 2017

Co-organizer of the Canadian Macro Study Group (CMSG) annual meetings, Fall 2017 (with Hashmat Khan, Chris Gunn, Minjoon Lee, Raul Razo-Garcia, Dana Galizia, Lilia Karnizova)

Member of the scientific committee, conference of the Société canadienne de science économique, 5/9-11/2012

Other

Languages: German (native), English (fluent), French (fluent), basic Spanish, basic Portuguese, Latin & Ancient Greek at school
Alternative Civil Service, La Force, France, 07/1999 - 07/2000; Student Exchange, Harare, Zimbabwe, 08/1996 - 07/1997
Traineeship at Deloitte Business Consulting, Berlin, 04-08/2004
Harvard Business School e-learning: Management Essentials & Leadership Essentials, 2004

Last updated: March 2, 2020

Curriculum Vitae of

Christopher Gunn

March 2, 2020

Email: chris.gunn@carleton.ca

Phone: 613-520-2600 x3748

A. EDUCATION

Ph.D. (Economics), McMaster University, 2012.

Thesis: "*An investigation into expectations-driven business cycles*"

M.A. (Economics), McMaster University, 2007.

B.A.Sc. (Engineering), University of British Columbia, 1997.

B. EMPLOYMENT

Academic

Associate Professor, Department of Economics, Carleton University, 2017-Present.

Assistant Professor, Department of Economics, Carleton University, 2012-2017.

Research Assistant, McMaster University, Department of Economics, 2006-2012.

Teaching Assistant, McMaster University, Department of Economics, 2006-2012.

Other Employment

Senior Consultant, IBM Canada, Business Consulting Services, 2003-2006.

Consultant, PwC Consulting / Price Waterhouse, Management Consulting Services, 1999-2002.

Research Analyst, Price Waterhouse, Global Forest and Paper Practice, 1997-1998.

C. PROFESSIONAL HONORS / AWARDS

Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Development Grant ($69,360), 2013-2014.

Social Sciences and Humanities Research Council of Canada (SSHRC) Postdoctoral Fellowship ($76,000), 2012-2013 (declined).

Social Sciences and Humanities Research Council (SSHRC) Doctoral Fellowship, 2009-2011.

Ontario Graduate Scholarship (OGS) Doctoral Scholarship, 2007-2009 (declined 2009).

Ontario Graduate Scholarship (OGS) Master's Scholarship, 2006.

McMaster University, PhD Graduate Scholarship, 2007-2011.

McMaster University, MA Graduate Scholarship, 2006.

D. PUBLICATIONS

Refereed Scholarly Publications

''Monetary news shocks (with Nadav Ben Zeev and Hashmat Khan), *Accepted for Publication* in *Journal of Money, Credit and Banking*.

``Over-accumulation, interest and prices'', *Journal of Money, Credit and Banking,* March 2018.

"Financial news, banks and business cycles" (with Alok Johri), *Macroeconomic Dynamics*, March 2018.

``Animal spirits as an engine of boom-busts and throttle of productivity growth", *Journal of Economic Dynamics and Control,* August 2015.

"An expectations-driven interpretation of the `Great Recession'" (with Alok Johri), *Journal of Monetary Economics*, April 2013.

"News and knowledge capital" (with Alok Johri), *Review of Economic Dynamics*, January 2011.

Other (Non-refereed) Scholarly Publications

"An investigation into expectations-driven business cycles, *Open Access Dissertations and Theses,* Paper 7345, 2012.

E. OTHER SCHOLARLY OR PROFESSIONAL ACTIVITY

Scholarly work in progress

"Is there News in Inventories?" (with Christoph Gortz and Thomas Lubik).

"Inventory Accumulation: the Role of Interest Rates and Marginal Costs (with Christoph Gortz and Thomas Lubik).

"Quantifying the impact of financial news" (with Alok Johri and Marc-Andre Letendre), *Work in Progress*.

Papers presented

25th International Conference Computing in Economics and Finance, June 2019 (Ottawa).

4th Annual Carleton Macro-Finance Workshop (CMFW), May 2019.

Department of Economics, University of Windsor, November 2018.

24th International Conference Computing in Economics and Finance, June 2018 (Milan).

52nd Annual Conference of the Canadian Economics Association, June 2018 (Montreal).

Visions for Canada 2042, Ottawa, March 2017

Department of Economics, Université de Sherbrooke, March 2016.

Midwest Macro Meetings, University of Rochester, Fall 2015

49th Annual Conference of the Canadian Economics Association, June 2015 (Toronto).

20th International Conference Computing in Economics and Finance, June 2014 (Oslo).

48th Annual Conference of the Canadian Economics Association, June 2014 (Vancouver).

19th International Conference Computing in Economics and Finance, July 2013 (Vancouver).

Department of Economics, University of Ottawa, April 2013.

Graduate School of Public and International Affairs, University of Ottawa, January 2012

Department of Economics, Carleton University, January 2012.

Department of Economics, University of Toronto, January 2012.

School of Business and Economics, Wilfrid Laurier University, January 2012.

Bank of Canada, December 2011.

17th International Conference on Computing in Economics and Finance 2011, (San Francisco)

45th Annual Meetings of the Canadian Economics Association, 2011 (Ottawa)

Midwest Macroeconomic Meetings, 2011 (Nashville)

43rd Annual Meetings of the Canadian Economics Association, 2009 (Toronto)

Journal Refereeing

Journal of Economic Dynamics and Control, Economic Inquiry, *Canadian Journal of Economics*, *Journal of Economic Literature, B.E. Journal of Macroeconomics, Review of Economic Dynamics.*

Other Professional Service

Member, Adjudication Committee, *Insight Development Grants*, Social Sciences and Humanities Research Council of Canada (SSHRC), 2016.

Member, Adjudication Committee, *Insight Development Grants*, Social Sciences and Humanities Research Council of Canada (SSHRC), 2015.

Program Committee, *23rd Symposium of the Society for Nonlinear Dynamics and Econometrics,* 2015.

F. ACADEMIC RESPONSIBILITIES (TEACHING)

ECON 5606, Foundations of Monetary Economics, Carleton University.

Winter 2019, Winter 2018, Winter 2017, Winter 2016, Winter 2015, Fall 2013

ECON 4021, Advanced Macroeconomic Theory, Carleton University.

Fall 2018, Fall 2017, Winter 2016, Fall 2015, Winter 2015, Fall 2014, Winter 2014, Fall 2012

ECON 2103, Intermediate Macroeconomics II, Carleton University.

Winter 2017

ECON 2102, Intermediate Macroeconomics I, Carleton University.

Fall 2016, Fall 2015, Fall 2014, Winter 2014, Winter 2013

G. ADMINISTRATIVE RESPONSIBILITIES

Undergraduate Supervisor

2018-2019, 2017-2018

Department of Economics Planning Committee

2018-2019 (Chair), 2017-2018, 2016-2017

Department of Economics Undergraduate Committee (Chair)

2018-2019, 2017-2018

Tenure, Promotion and CDI Assessment Committee

2018-2019

Tenure and Promotion Committee

2016-2016

Monetary Economics Comprehensive Exam Committee (Chair).

2018-2019, 2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014

Macroeconomics Comprehensive Exam Committee.

2014-2015, 2012-2013

Course co-ordinator, Economics 2102.

2016-2017, 2015-2016, 2014-2015, 2013-2014

Course co-ordinator, Economics 2103.

2016-2017

Macroeconomic Recruitment Committee

2015-2016, 2014-2015, 2013-2014.

Informal Committee on Tenure and Promotion Guidelines, Winter 2013.

PhD supervision (Completed): Abeer Reza (Committee Member), Samira Hasanzadeh (Committee Member), Fatemeh Saberianranjbar (Committee Member), Maxime Dufournaud-Labelle (Committee Member).

PhD supervision (Ongoing): Jamil Sayeed (Supervisor), Jingjing Xu (Committee Member), Joshua Brault (Committee Member), Mohsen Bousaissa (Committee Member).

CURRICULUM VITAE - LYNDA KHALAF

February 27, 2020

ADDRESS: Economics Department, Carleton University,
Loeb Building 1125 Colonel By Drive,
Ottawa, Ontario, K1S 5B6 Canada.
Tel (613) 520-2600-8697; FAX: (613)-520-3906.
Email: Lynda_Khalaf@carleton.ca

CAREER HIGHLIGHTS

- Specialist in econometrics, 1997 PhD, Canada Research Chair holder 2004-2008, with more than 51 refereed publications in leading research outlets in Economics and various and ongoing research funds from major Canadian foundations.
- Ranked in the top 5% of economists in the world according to RePEc.
- Directed and published with a number of graduate MA and PhD students, now mostly at the Canadian federal government and in academia. Four PhD students under supervision won medals or awards/distinctions for their thesis work.[1]
- Served as associate and guest editor for *Computational Statistics and Data Analysis*, and for *Actualité économique.*
- Co-organized and served on the scientific and organizing committee of a number of major international conferences, and keynote speaker at five international events.
- Chaired the *Social Sciences and Humanities Research Council of Canada* Adjudication Committee 7 for Economics in 2009-2010.
- Presided the Société Canadienne de Science Économique: Président Désigné, 2011-2012; Président 2012-2013; Président sortant 2012-2013.

EDUCATION

- Ph.-D. Science Économique, Université de Montréal, January 1997.
  - Thesis: "Simulation Based Finite and Large Sample Inference Methods in Seemingly Unrelated Regressions and simultaneous Equations", supervisor: Jean-Marie Dufour.
- M.B.A., American University of Beirut, October 1985.
- B.A., Economics/Statistics, American University of Beirut, June 1983.

---

[1] Clément Yelou (co-director and co-author*), prix de la meilleure thèse de la faculté des sciences sociales, université Laval,* PhD 2006. Marie-Helene Gagnon (co-director and co-author) *Best Paper Award, Northern Finance Conference*; PhD 2010. Abeer Reza (thesis committee member and co-author), *Senate Medal Carleton University*, PhD 2013; Anand Acharya (director and co-author), *Senate Medal Carleton University*, PhD 2016.

EXPERIENCE

- *Full Professor,* Economics Department, Carleton University, July 2006 – . PhD program Supervisor, 2010-2013. Department Chair July 2018-June 2019.
- *Professeure Titulaire* [Full Professor], Département d'économique, Université Laval, June 2005 – July 2008. *Holder of the Canada Research Chair in Environment* (Environmental and Financial Econometric Analysis), October 2004 – July 2008**.**
- *Professeure Agrégée* [Associate Professor], Département d'économique, Université Laval, June 2001 – June 2005;
- *Professeure Adjointe* [Assistant Professor], Département d'économique, Université Laval, June 1996 – May 2001;
- Assistante de recherche, CRDE, Science économique, Université de Montréal, September 1989 – April 1996;
- Chargée de cours, Science économique, Université de Montréal, janvier 1996 – avril 1996;
- Instructor, American University of Beirut, Mathematics Department, Economics Department and Business School 1985-1989.

AWARDS, SPECIAL DISTINCTIONS

- *Research Achievement Award*, Carleton University, 2008.
- *Canada Research Chair* (Environmental and Financial Econometric Analysis), Université Laval, October 2004- July 2008**.**
- *Best paper award* (joint with Marie-Claude Beaulieu and Marie-Helene Gagnon), Northern Finance Association, 2008.
- *Visiting Professors and Scholars* Progetto ITALY – University of Bergamo, 2015
- *Visiting Professorship The Leverhume Trust* – Cass Business School (UK), 2015-16

RESEARCH CONTRIBUTIONS

- **Referred Forthcoming Articles**

1. Khalaf L. and C. Saunders. *Monte Carlo Two-Stage Indirect Inference (2SIF) for Autoregressive Panels*. **The Journal of Econometrics** (accepted).

2. Khalaf L., Kichian M., Saunders C. and M. Voia. *Dynamic Panels with MIDAS Covariates: Nonlinearity, Estimation and Fit*. **The Journal of Econometrics** (accepted)

3. Bernard J.-T., Chu B, Khalaf L. and M. Voia. *Non-standard Confidence Sets for Ratios and Tipping Points with Applications to Dynamic Panel Data*. **Annales d'Économie et de Statistiques** (accepted).

4. Khalaf L. and B. Peraza Lopez. *Simultaneous Indirect Inference, Impulse Responses and ARMA models*. **Econometrics** (accepted).

- **Referred Published Articles**

1. Bergamelli M., Bianchi A.-M., Khalaf L. and G. Urga (2019). *Combining p-values to Test for Multiple Structural Breaks in Cointegrated Regressions*. **The Journal of Econometrics** 211, 461-482.

2. Dufour J.-M., Flachaire E. and L. Khalaf (2019). *Reliable inference for inequality measures with heavy-tailed distribution*. **The Journal of Business and Economic Statistics** 37, 457-470.

3. Bernard J.-T., Khalaf L., Kichian M. and C. Yelou (2018). *Oil Price Forecasts for Macroeconomic Projections: Experts Outlooks, Models, or Both*? **Macroeconomic Dynamics** 22, 581-599.

4. Dufour J.-M., Flachaire E., Khalaf L. and A. Zalghout (2018). *Confidence sets for inequality measures: Fieller-type methods*. In **Productivity and Inequality**, **Springer Proceedings in Business and Economics**, Green W., Khalaf L, Makdissi P., Sickles R., Veall M. and M. Voia, eds. 143-156.

5. Khalaf L. and C. Saunders (2017). *Forecast Evaluation with Persistent Data: Simulation-Based Inference.* **The International Journal of Forecasting** 33, 1-10.

6. Kapetinos, G., Khalaf, L. and M. Marcellino (2016). *Factor-based Identification-Robust Interference in IV Regressions*, **Journal of Applied Econometrics** 31, 821-842.

7. Beaulieu, M.-C., M.-H. Gagnon and L. Khalaf (2016). Less is more: Identification robust inference from international asset pricing models. **Journal of International Financial Markets, Institutions and Money** 45, Pages 171-190.

8. Khalaf L. and H. Schaller[2] (2016). *Identification and Inference in Two-Pass Asset Pricing Models*. **Journal of Economic Dynamic and Control** 165–177.

9. Khalaf L. and C. J. Saunders (2016). *Dynamic technical efficiency.* In Green W., Khalaf L, Sickles R., Veall M. and M. Voia, eds. **Productivity and Efficiency Analysis**, Springer Proceedings in Business and Economics.

10. Beaulieu, M.-C., Dufour. J.-M. and L. Khalaf (2015). Identification-robust Factor Pricing: Canadian Evidence. L'Actualité économique, Revue d'analyse économique 91, 235-252.

11. Bernard J.-T., Khalaf L., Kichian M. and S. McMahon (2015). *The Convenience Yield and the Informational Content of the Oil Futures Price.* **Energy Journal** 36, 2015, 29-46.

[2] Posthumous.

12. Bernard J.-T., Gavin M., Khalaf L. and M. Voia (2015). *The Environmental Kuznets Curve: Tipping Points, Uncertainty and Weak Identification.* **Environmental and Resource Economics** 60, 285-315

13. Dufour J.-M., Khalaf L. and M. Voia (2015). *Finite-sample Resampling-Based Combined Hypothesis Tests, with Application to Serial Correlation and Predictability.* **Communications in Statistics - Simulation and Computation** 44, 2329-2347

14. Khalaf L. and G. Urga (2014). *Identification Robust Inference in Cointegrating Regressions.* **The Journal of Econometrics** 182, 385-396

15. Dufour. J.-M, L. Khalaf and M.-C. Beaulieu (2014). *Exact confidence set estimation and goodness-of-fit test methods for asymmetric heavy tailed stable distributions*, **The Journal of Econometrics** 181, 3–14

16. Khalaf L. (2014). *L'économétrie et l'évidence fallacieuse: erreurs et avancées*. **Actualité Économique** 90, 5-22.

17. Beaulieu, M.-C., Dufour. J.-M. and L. Khalaf (2013). *Identification-robust estimation and testing of the zero-beta CAPM*, **Review of Economic Studies** 80, 892-924

18. Dufour, J.-M., L. Khalaf and M. Kichian (2013). *Identification-robust analysis of DSGE and structural macroeconomic models*, **Journal of Monetary Economics** 60, 340-350

19. Dufour J.-M, Bernard J.-T., Khalaf L. and M. Kichian (2012). *An identification-robust test for time-varying parameters in the dynamics of energy prices*, **Journal of Applied Econometrics** 27, 603-624

20. Dufour. J.-M, L. Khalaf and M.-C. Beaulieu (2010). *Finite Sample Diagnostics in Multivariate Regressions with Applications to Asset Pricing Models*, **Journal of Applied Econometrics** 25, 263-285

21. Dufour, J.-M., L. Khalaf and M. Kichian (2010). *On the Precision of Calvo Parameter Estimates in Structural NKPC Models*, **Journal of Economic Dynamic and Control** 34, 1582-1595

22. Beaulieu, M.-C., Dufour. J.-M. and L. Khalaf (2010). *Asset pricing anomalies and spanning: Multivariate and multifacotor tests with heavy-tailed distributions,* **Journal of Empirical Finance,** 17, 763-782

23. Dufour, J.-M., L. Khalaf and M. Kichian. (2010). *Estimation Uncertainty in Structural Inflation Models with Real Wage Rigidities*, **Computational Statistics and Data Analysis** 54**,** 2554-2561

24. Bolduc D., Khalaf L. and C. Yelou (2010). *Identification Robust Confidence Sets Methods for Inference on Parameter Ratios with Application to Discrete Choice Models,* **Journal of Econometrics** 157, 317-327

25. Beaulieu, M.-C., Dufour, J.-M., and L. Khalaf (2009). *Multivariate residual-based finite-sample tests for serial dependence and ARCH effects with applications to asset pricing models*, **Journal of Applied Econometrics** 25, 263-285

26. Beaulieu, M.-C., M.-H. Gagnon and L. Khalaf (2009). *A Cross-Section Analysis of Financial Market Integration in North America Using a Four Factor Model*, **International Journal of Managerial Finance**[3] 5, 248-267

27. Beaulieu, M.-C., J.-M. Dufour and L. Khalaf (2009). *Testing Three-Moment Based Asset Pricing Models: an Exact non-Gaussian Multivariate Regression Approach*, **Computational Statistics and Data Analysis** 53, 2008-2021

28. Bernard J.-T., Khalaf L., Kichian M. and S. McMahon (2008). *Forecasting Commodity Prices: GARCH, Jumps, and Mean-Reversion*, **The Journal of Forecasting** 27, 279-291

29. Bolduc D., Khalaf L. and E. Moyneur (2008). *Identification-Robust Simulation-Based Inference in Joint Discrete/Continuous Models for Energy Markets*, **Computational Statistics and Data Analysis**, 52, 3148-3161

30. Bernard J.-T., Idoudi N., Khalaf L. and C. Yélou (2007). *Finite Sample Inference Methods for Dynamic Energy Demand Model*s, **Journal of Applied Econometrics** 22, 1211-1226

31. Beaulieu, M.-C., Dufour. J.-M. and L. Khalaf (2007). *Multivariate tests of mean-variance efficiency with possibly non-Gaussian errors: an exact simulation-based approach*, **Journal of Business and Economic Statistics**, 25, 398-41

32. Bernard J.-T., Idoudi N., Khalaf L. and C. Yélou (2007). *Finite Sample Multivariate Structural Change Tests with Application to Energy Demand Models*, **Journal of Econometrics** 141, 1219-1244

33. Khalaf L. and M. Kichian (2007). *Exact test for Breaks in Covariance in Multivariate Regressions*, **Economics Letters**, 95, 241-246

34. Dufour J.-M, Khalaf L. and M. Kichian (2006). *Inflation dynamics and the New Keynesian Phillips Curve: an identification robust econometric analysis*, **Journal of Economic Dynamic and Control**, 30, 1707-1728

35. Dufour. J.-M, Farhat A. and L. Khalaf (2005). *Tests multiples simulés et tests de normalité basés sur plusieurs moments dans les modèles de régression*, **Actualité Économique**, 80, 501-522.

[3] Best paper award, Northern Finance Association, 2008.

36. Beaulieu M.-C., Dufour J.-M and L. Khalaf (2005). *Exact multivariate tests of asset pricing models with stable asymmetric distributions*, in M. Breton and H. Ben Hameur (Eds), **Numerical Methods in Finance**, Springer/Kluwer Academic Publishers, 173-192

37. Khalaf L. and M. Kichian (2005). *Exact tests of the stability of the Phillips Curve: The Canadian Case*, **Computational Statistics and Data Analysis**, 49, 445-460

38. Dufour. J.-M., L. Khalaf, J.-T. Bernard and I. Genest (2004). *Simulation-Based Exact Tests for Heteroskedasticity and ARCH effects*, **Journal of Econometrics,** 122, 317-347

39. Khalaf, L. and M. Kichian (2004). *Pricing-to-Market Tests in Instrumental Regressions: Case of the Transportation Equipment Industry*. **Empirical Economics,** 29, 293-309

40. Khalaf, L., J.- D. Saphores and J.-F. Bilodeau (2003). *Simulation-Based Exact Tests for Jump Diffusions with Unidentified Nuisance Parameters: An Application to Commodities Spot Prices*. **Journal of Economic Dynamics and Control**, 28, 531-553

41. Dufour J.-M, L. Khalaf and M.-C. Beaulieu (2003). *Exact Skewness and Kurtosis Tests for Multivariate Normality and Goodness of Fit in Multivariate Regressions with Application to Asset Pricing Models*, **Oxford Bulletin of Economics and Statistics,** 65, 891-906

42. Ghysels. E., L. Khalaf and C. Vodounou. (2003). *Simulation-Based Inference in Moving Average Models*. **Annales d'économie et de statistiques**, 69, 85-99

43. Dufour. J.-M. and L. Khalaf. (2003) *Finite Sample Simulation-Based Tests in Seemingly Unrelated Regressions*, in Giles, D.E.A. (Ed.) **Computer-Aided Econometrics**, Marcel Dekker, Chapter 2, 11-36

44. Dufour, J.-M. and L. Khalaf (2002). *Exact Tests for Contemporaneous Correlation of Disturbances in Seemingly Unrelated Regressions*, **Journal of Econometrics**, 106, 143-170

45. Dufour, J.-M. and L. Khalaf (2002). *Simulation-Based Finite and Large Sample Tests in Multivariate Regressions*, **Journal of Econometrics**, 111(2), 303-32

46. Saphores, J.-D., L. Khalaf and D. Pelletier (2002). *On Jumps and ARCH Effects in Natural Resource Prices: An Application to Stumpage Prices from Pacific Northwest National Forests.* **American Journal of Agriculture Economics**, 84(2), 387-400

47. Khalaf, L. and M. Kichian (2002). *Simulation-Based Tests of Pricing-to-Market*, in: Kontoghiorghes E., Rustem B. and Siokos S. (Eds). **Computational Methods in Decision-Making, Economics and Finance**, Springer/Kluwer Applied Optimization Series, Chapter 29, 583-603

48. Dufour, J.-M. and L. Khalaf (2001). *Monte Carlo Tests Methods in Econometrics*, in Baltagi, B. (Ed.) **Companion to Theoretical Econometrics**, Blackwell, 494-519

49. Dufour, J.-M., A. Farhat, L. Gardiol and L. Khalaf (1998). *Simulation-Based Finite Sample Normality tests in Linear Regressions*, **The Econometrics Journal**, 1, 154-173.

- **Working papers**

1. Dufour J.-M, Flachaire E, Khalaf L and A. Zalghout (2020). *Identification-Robust Inequality Analysis.*

2. Beaulieu M.-C., Khalaf L. and O. Melin (2020). *A Zero-Beta Analysis of Catastrophe Bond Mutual Funds: Evidence*.

3. Khalaf L., Leccaditto A. and G. Urga (2019). *Multilevel and Tail Risk Management: Backtesting ETFs*.

4. Bergamelli M., Bianchi A.-M., Khalaf L. and G. Urga (2020). *Weak Exogeneity and Stability Tests of Cointegrated Relations*.

5. Beaulieu M.-C., Khalaf L. and O. Melin (2019). *Alpha and Risk Analysis of Catastrophe Bond Mutual Funds*.

6. Beaulieu M.-C., Khalaf L., Kichian M. and O. Melin (2020). *Endogeneity in Empirical Risk Analysis: Finite Sample Inference on Catastrophe Bond Mutual Funds*.

7. Beaulieu M.-C., Dufour J.-M and L. Khalaf (2020). *Arbitrage pricing, weak beta, strong beta: identification-robust and simultaneous inference*.

8. Khalaf L, Reza A. and Z. Lin (2020). *Beyond the Linearized Straight Jacket: Finite Sample Inference for - Possibly Singular - DSGE Models*.

9. Antoine B., Khalaf L., Kichian M. and Z. Lin (2020). *Simulation-based matching inference with applications to DSGE models.*

- **Other refereed publications**

1. Dufour, J.-M., Khalaf, L., and M. Kichian (2009). *Structural Inflation Models with Real Wage Rigidities: The Case of Canada*. **Bank of Canada Working Paper** 2009-21

2. Dufour, J.-M., Khalaf, L., and M. Kichian (2009). *Structural Multi-Equation Macroeconomic Models: Identification-Robust Estimation and Fit*. **Bank of Canada Working Paper** 2009-19

3. Dufour J.-M., Khalaf L. and M. Kichian (2009). *Assessing Indexation-Based Calvo Inflation Models*. **Bank of Canada Working Paper** 2009-7

4. Bernard J.-T., Khalaf L., Kichian M. and S. McMahon (2006). *Forecasting Commodity Prices: Jumps, GARCH and Mean Reversion*. **Bank of Canada Working Paper** 2006-14.

5. Khalaf L. and M. Kichian (2006). *Structural Change and the Pass-through: The case of Canada,* **Bank of Canada Working Paper** 2006-2.

6. Dufour J.-M., Khalaf L. and M. Kichian (2005). *Inflation Dynamics and the New Keynesian Phillips Curve: An Identification-Robust Econometric Analysis*, **Bank of Canada Working Paper** 2005-27.

7. Khalaf L. and M. Kichian (2004). *Estimating New Keynesian Phillips Curves Using Exact Methods*, **Bank of Canada Working Paper** 2004-11

8. Bernard J.T., Khalaf L. and M. Kichian (2004). *Structural Change and Forecasting Long-Run Energy prices*, **Bank of Canada Working Paper** 2004-5

9. Khalaf L. and M. Kichian (2003). *Testing the Stability of the Canadian Phillips Curve Using Exact Methods*, **Bank of Canada Working Paper** 2003-7

10. Khalaf L. and M. Kichian 2000. *Testing the Pricing-to-Market Hypothesis: Case of the Transportation Equipment Industry*, **Bank of Canada Working Paper** 2000-8

- **Refereed Proceedings**

Productivity and Inequality, **Springer Proceedings in Business and Economics** (under production). Green W., Khalaf L, Makdissi P., Sickles R., Veall M. and M. Voia, eds.

Productivity and Efficiency Analysis, **Springer Proceedings in Business and Economics** (2016). Green W., Khalaf L, Sickles R., Veall M. and M. Voia, eds.

Beaulieu, M.-C., Dufour. J.-M. and L. Khalaf (2005). "Three Moment Asset Pricing Model: an Exact Simulation Based Approach", **Proceedings of the 2005 Northern Finance Association Conference**.

Beaulieu, M.-C., Dufour. J.-M. and L. Khalaf (2004). "Testing Black's CAPM with Possibly non Gaussian Error Distributions: an Exact Simulation Based Approach". **Proceedings of the 2005 Northern Finance Association Conference.**

Dufour. J.-M, L. Khalaf and M.-C. Beaulieu (2003). "Multivariate Residual Based Finite Sample Misspecification Tests with Evidence from Asset Pricing Models", **The 2003 Proceedings of the American Statistical Association, the Business and Economics Statistics** [CD-ROM].

Dufour, J.-M., Khalaf, L**.**, Bernard J.-T. et I. GENEST (2002). "Finite Sample Tests for ARCH Effetcs and Variance Change Points in Linear Regression", **The 2002 Proceedings of the American Statistical Association, the Business and Economics Statistics** [CD-ROM].

Dufour J.-M. and L. Khalaf. "Simulation-Based Finite and Large Sample Inference Methods in Multiple Equation Regression Models", with J.-M. Dufour, **The 1997 Proceedings of the**

Business and Economics Statistics Section of the American Statistical Association, Washington, DC, 75-80.

- **Reports, Special projects**

Research Seminar at ***Hydro-Québec***, associated with "***Chaire en économique de l'énergie électrique***", (held by Jean-Thomas Bernard) : March 2002, with Jean-Thomas Bernard and Nadhem Idoudi; March 2003, with Jean-Thomas Bernard, Nadhem Idoudi and Clément Yélou; March 2004, with Jean-Thomas Bernard and Sébastien MacMahon.

Saphores J.-D., Khalaf L. and J.F. Bilodeau. *Analyses de processus de sauts dans le prix du pétrole brut*. Document presented to **Natural Resources Canada**, winter 1999.

Khalaf L. *Simulation-based inference in econometrics*. Document presented to the **Bank of Canada**, fall 1998.

RESEARCH GRANTS[4] (recent)

Organism	Associates	Years	Title of research project	Amount
NSERC	Lynda Khalaf	01/04/19 -31/05/24	Simulation-based multiple inference problems: theory and application	**100 000 $**
SSHRC	Marie-Claude Beaulieu Jean-Marie Dufour Lynda Khalaf	01/04/19 -31/05/24	Simulation-based inference on measures of financial risk	**289 000 $**
SSHRC	Charles Saunders Lynda Khalaf	01/07/16 -31/06/18	Finite-Sample Spatial Econometric Models: Theory and Application	**38 000 $**
SSHRC	Bertille Antoine Lynda Khalaf Maral Kichian	01/06/16 - 31/05/21	Estimation uncertainty, instabilities, and nonlinearities in structural models	**115 107 $**

[4] SSHRC*: Social Sciences and Humanities Research Council of Canada*, *NSERC: Natural Sciences and Engineering Research Council of Canada*, FCAR-FQRSC: *Fond Québécois de Recherche pour la Société et Culture (Government of Québec).* IFM2 : *l'Institut de finance mathématique de Montréal) Programme de soutien aux équipes. NCE-MITACS: canadian network of Centers of Excellence, Mathematics of Information Technology and Complex Systems.*

SSHRC	Marie-Claude Beaulieu Jean-Marie Dufour Lynda Khalaf	01/06/15 - 31/05/20	Errors in variables, time-varying parameters, and simulation-based inference: Robust tools for dynamic models and financial analysis	**180 500 $**
Progetto ITALY – Grants for Visiting Professor and Scholar	Lynda Khalaf Giovanni Urga (Annamaria Bianchi Arturo Leccadito)	10/4/2015 - 20/6/2015	Cointegration and Structural Stability	**3 000 Euros**
FQRSC	Russell Davidson Jean-Marie Dufour, John Galbraith Pascale Valery Doug Hodgson Lynda Khalaf Vicky Zinde-Walsh Dalibor Stephanovic	01/05/14 -31/04/18	La théorie économétrique et son application aux études empiriques des événements irréguliers ou uniques en macroéconomie et finance, la distribution des revenus, et les marchés des objets d'art	**211 200 $**
CIHR	Menon, Kusum Anand Acharya Karen Choong Lynda Khalaf Margaret Lawson Lauralyn McIntyre James McNally Timothy Ramsay Hector Wong	01/02/14 -31/08/16	Steroid Use in Pediatric Fluid and Vasoactive Infusion Dependent Shock (STRIPES)	**597 372 $**
The Leverhume Trust	Lynda Khalaf Giovanni Urga	April-June 2015 and 2016	Visiting Professor Cass Business School UK	**15 500£**
IFM2	Marie-Claude Beaulieu Lynda Khalaf	01/06/13 - 31/05/16	Invariance and irregular econometric problems	**51 375 $**

SSHRC	Marie-Claude Beaulieu Jean-Marie Dufour Lynda Khalaf	01/06/13 - 31/05/18	Non-Linear and Finite Sample Evidence on Mutual Fund Performance	**349 221 $**
SSHRC	Marie-Claude Beaulieu Jean-Marie Dufour Lynda Khalaf	01/06/11 - 31/05/14	Invariance, Identification and Irregular Econometric Problems: Robust tools for Multivariate Models and Asset Pricing Analysis	**96 000 $**
SSHRC	Marie-Claude Beaulieu Jean-Marie Dufour Lynda Khalaf	01/06/10 - 31/05/13	Information Flow Between Canada and the United States	**67 500 $**
FQRSC	Russell Davidson Jean-Marie Dufour, John Galbraith Nikolay Gospodinov Doug Hodgson Lynda Khalaf Vicky Zinde-Walsh	01/04/10 -31/05/14	L'Économétrie des Phénomènes Irréguliers en Macroéconomie, sur les Marchés Financiers, et dans la Répartition des Revenus: Théories et Applications.	**376 584 $**
NCE-MITACS	Jean-Marie Dufour René Garcia Lynda Khalaf Nour Meddahi Benoît Perron Eric Renault Marcel Rindisbacher Jérome Detemple Marine Carrasco Benoit Perron Silvia Goncalves	01/04/09 -31/03/10	Mathematical and statistical methods for Financial modeling and Risk Management	**140 000 $**
SSHRC	Marie-Claude Beaulieu Jean-Marie Dufour	01/06/08 - 31/05/11	Identification-Robust Inference in Multivariate Reduced Rank Regression and Factor Models	**76 000 $**

	Lynda Khalaf			
IFM2	Michel Gendron Marie-Claude Beaulieu Lynda Khalaf Christian Genest Jean-Marie Dufour	01/06/07 - 31/05/10	Financial Market Integration : Stocks, Oil and Gas in North America	**60 000 $**
SSHRC	Marie-Claude Beaulieu Jean-Marie Dufour Lynda Khalaf	01/06/07 - 31/05/10	Financial Market Integration : Testing Financial and Political Models with Finite Sample Methods	**70 000 $**
FQRSC	Jean-Thomas Bernard Denis Bolduc Jean-Marie Dufour Lynda Khalaf	01/05/06 - 31/05/10	Demande et Prix de l'énergie : modèles et analyse économétrique appliqués au Québec	**389 584 $**

COMMUNICATIONS (since 2010)

- **Refereed conference presentations**

1. "Simulation-based matching inference with applications to DSGE models", with Bertille Antoine, Maral Kichian and Zhenjiang Lin (2019). *NBER-EFSF working group on Methods and Applications for DSGE Models*, the Federal Reserve Bank of Philadelphia, October 4-5 2019.

2. "Endogeneity in Empirical Risk Analysis: Multivariate Finite Sample Inference on Catastrophe Bond Mutual Funds", with Marie-Claude Beaulieu, Maral Kichian and Olena Melin. *22nd Dynamic Econometrics Conference*, Oxford UK, September 10, 2019.

3. "Arbitrage Pricing, Weak Beta, Strong Beta: Identification Robust and Simultaneous Inference", with Marie-Claude Beaulieu and Jean-Marie Dufour. *French Finance Association Conference*, Quebec, June 19, 2019.

4. "Alpha and Risk Analysis of Catastrophe Bond Mutual Funds using Exact, Simultaneous Inference Methods", with Marie-Claude Beaulieu and Olena Melin. *Société canadienne descience économique*, Quebec, May 9, 2019.

5. "Endogeneity in Empirical Risk Analysis: Multivariate Finite Sample Inference on Catastrophe Bond Mutual Funds," with Marie-Claude Beaulieu, Maral Kichian and Olena Melin. *Camp Econometrics 2019*, Clayton NY US, April 12, 2019.

6. "Identification and Persistence-Robust Exact Inference in DSGE Models", with Zhenjiang Lin and Abeer Reza. *Oxmetrics Conference,* London UK, September 11, 2018.

7. "Weak beta, strong beta: factor proliferation and rank restrictions", with Marie-Claude Beaulieu and Jean-Marie Dufour. *International Association of Applied Econometrics*, Montreal, June 27, 2018.

8. "Identification and Persistence-Robust Exact Inference in DSGE Models", with Zhenjiang Lin and Abeer Reza. *North American Meetings of the Econometric Society*, Davis CA, June 21, 2018.

9. "Weak beta, strong beta: factor proliferation and rank restrictions", with Marie-Claude Beaulieu and Jean-Marie Dufour. *Canadian Economic Association Meetings*, Montreal, June 2, 2018.

10. "Weak beta, strong beta: factor proliferation and rank restrictions", with Marie-Claude Beaulieu and Jean-Marie Dufour. *Société canadienne de science économique*, Montreal, May 9, 2018.

11. "Identification and Persistence-Robust Exact Inference in DSGE Models", with Zhenjiang Lin and Abeer Reza. *Lebanese Econometric Study Group*, Beirut, December 15 2017.

12. "Weak beta, strong beta: factor proliferation and rank restrictions", with Marie-Claude Beaulieu and Jean-Marie Dufour. *Canadian Econometric Study Group*, Toronto, October 22, 2017.

13. "Multilevel Backtesting of Value-at-Risk by Combining Dependent P-Values", with Arturo Leccadito and Giovanni Urga. *Oxmetrics Conference*, Paris, September 11, 2017.

14. "Identification and Persistence-Robust Exact Inference in DSGE Models", with Zhenjiang Lin and Abeer Reza. *NBER Summer Institute*, Cambridge MA, July 13, 2017.

15. "Endogeneity in empirical risk and performance analysis: finite sample inference on catastrophe bond mutual funds", with Marie-Claude Beaulieu, Maral Kichian and Olena Melin. Ottawa, May 11, 2017.

16. "Multilevel Backtesting of Value-at-Risk by Combining Dependent P-Values", with Arturo Leccadito and Giovanni Urga. *Camp Econometrics XII,* Lake Placid, April 8, 2017.

17. "Monte Carlo Tests with Non-Identifiable Nuisance Parameters", with Annamaria Bianchi, Jean-Marie Dufour and Giovanni Urga, *Camp Econometrics XII,* Lake Placid, April 7, 2017. (Presented by Annamaria Bianchi).

18. "Dynamic Panels with MIDAS Covariates: Nonlinearity, Estimation and Fit", with Maral Kichian, Charles Saunders and Marcel Voia. *NBER/NSF conference*, New York, September 17, 2016.

19. "Combining p-values to test for multiple structural breaks in cointegrated Regressions", with Annamaria Bianchi, Michele Bergamelli and Giovanni Urga, *Oxmetrics Conference*, London, September 13, 2016. (Presented by Annamaria Bianchi).

20. "FiellerType Confidence Sets for Inequality Measures", with Jean-Marie Dufour, Emmanuel Flachaire and Abdallah Zalghout; *North American Productivity Workshop*, Quebec, June 15, 2016. (Presented by Abdallah Zalghout).

21. "Permutation tests for comparing inequality measures", with Jean-Marie Dufour and Emmanuel Flachaire; *North American Productivity Workshop*, Quebec, June 17, 2016.

22. "Endogeneity in parametric duration models with applications to clinical risk indices", with Anand Acharya, Marcel Voia and David Wensley; *International Association for Applied Econometrics*, Milan, June 24 2016. (Presented by Marcel Voia).

23. "Do Catastrophe bond mutual funds constitute zero-beta investments?: Identification-robust evidence", with Marie-Claude Beaulieu and Olena Melin; *International Association for Applied Econometrics*, Milan, June 23 2016. (Presented by Olena Melin).

24. "Reliable inference for inequality measures with heavy-tailed distribution"**,** with Jean-Marie Dufour and Emmanuel Flachaire, *Camp Econometrics 2016*, Clayton NY, April 10, 2016.

25. "Dynamic panel analysis of market debt ratios", with Marie-Claude Beaulieu and Charles Saunders. *9th International Conference on Computational and Financial Econometrics* (CFE 2015), London, December 12, 2015.

26. "Dynamic Panels with MIDAS Covariates: Nonlinearity, Estimation and Fit", with Maral Kichian, Charles Saunders and Marcel Voia. *European Winter Meetings of the Econometric Society*, Milan, December 16, 2015.

27. "Testing for Multiple Breaks in the VECM Framework: a Minimum p-value Approach", with M. Bergamelli and G. Urga*. World Meetings of the Econometric Society*, Montreal, August 20, 2015.

28. "Non-standard confidence limits for ratios and tipping points, with applications to dynamic regressions and panel data", with Jean-Thomas Bernard, Ba Chu and Marcel Voia. *Panel Data Conference*, Budapest, June 29 2015. (Presented by Marcel Voia).

29. "Confidence Intervals in Autoregressive Panels", with Charles J. Saunders Invariance, and Indirect Inference, *Panel Data Conference*, Budapest, June 29 2015. (Presented by Charles Saunders).

30. "Non-standard confidence limits for ratios and tipping points, with applications to dynamic regressions and panel data", with Jean-Thomas Bernard, Ba Chu and Marcel Voia. *International Association for Applied Econometrics*, Thessaloniki, June 25 2015. (Presented by Marcel Voia).

31. "Exact Inference in DSGE models", with A. Reza and Z. Lin. *Barcelona GSE summer forum*, Barcelona, June 8, 2015. (Presented by Abeer Reza).

32. "Exact Inference in DSGE models", with A. Reza and Z. Lin. *Royal Economic Society Annual Conference*, Manchester UK, March 31st, 2015. (Presented by Abeer Reza).

33. "Forecast Evaluation with Persistent Data: Simulation-Based Inference", with Charles Saunders. *EC^2 Meetings*, Barcelona, December 12, 2014.

34. "Non-standard confidence limits for ratios and tipping points, with applications to dynamic regressions and panel data", with Jean-Thomas Bernard, Ba Chu and Marcel Voia. *Computational and Financial Econometrics*, Pisa, December 8, 2014.

35. "Exact Inference in DSGE models", with A. Reza and Z. Lin. *NBER/NSF Time Series Conference*, St. Louis Federal Reserve, September 26, 2014. (Presented by Abeer Reza).

36. "Exact Inference in DSGE models", with A. Reza and Z. Lin. *10th Dynare Conference,* Banque de France, Paris, September 18, 2014. (Presented by Zhenjiang Lin).

37. "Endogeneity in parametric duration models with applications to clinical risk indices", with Anand Acharya and Marcel Voia. *Oxmetrics Conference*, London, September 4, 2014. (presented by Anand Acharya).

38. "Testing for Multiple Breaks in the VECM Framework: a Minimum p-value Approach", with M. Bergamelli and G. Urga. International Association for Applied Econometrics, London, June 25, 2014. (presented by Michele Bergamelli).

39. "Endogeneity in parametric duration models with applications to clinical risk indices", with Anand Acharya and Marcel Voia. *Société canadienne de science économique*, Ottawa, May 16, 2014.

40. "Endogeneity in parametric duration models with applications to clinical risk indices", with Anand Acharya and Marcel Voia. *Camp Econometrics*, Watking Glen NY, April 4, 2014 (presented by Marcel Voia).

41. "Testing for Multiple Breaks in the VECM Framework: a Minimum p-value Approach", with Michele Bergamelli and Giovanni Urga. *Camp Econometrics*, Watking Glen NY, April 5, 2014 (presented by Michele Bergamelli).

42. "Dynamic Panels with MIDAS Covariates: Estimation and Fit", with Maral Kichian, Bank of Canada and the University of Ottawa, Charles Saunders, Carleton University and Marcel Voia,

Carleton University. *EC^2 Meetings*, Cyprus, December 13, 2103 (Presented by Charles Saunders).

43. "Identification Robust Inference in Cointegrating Regressions", with Giovanni Urga. *North American Meetings of the Econometric Societ*y, Los Angeles, June 14, 2013.

44. "Dynamic Panels with MIDAS Covariates: Estimation and Fit", with Maral Kichian, Bank of Canada and the University of Ottawa, Charles Saunders, Carleton University and Marcel Voia, Carleton University. *Canadian Economic Association Meetings*, Montreal, May 31st, 2013 (Presented by Charles Saunders).

45. "Statistical Test Inversion and Numerical Projections with Particle Swarm Optimization", with Zhenjiang Lin, *Canadian Economic Association Meetings*, Montreal, May 31st, 2103 (Presented by Zhenjiang Lin).

46. "Identification Robust Inference in Cointegrating Regressions", with Giovanni Urga. *EC^2 Conference,* Maastricht, December 14, 2012.

47. "Identification Robust Inference in Cointegrating Regressions", with Giovanni Urga. *Canadian Econometrics Study Group*, Kingston, October 28, 2012.

48. "Identification Robust Inference in Cointegrating Regressions", with Giovanni Urga. *Oxmetrics Conference*, London, September 3, 2012.

49. "Structural Multi-Equation Macroeconomic Models: Complete versus Limited-Information Identification-Robust Estimation and Fit", with Jean-Marie Dufour and Maral Kichian, *Society for Computational Econometrics,* Prague, June 28, 2012.

50. "Dynamic Panels with MIDAS Covariates: Estimation and Fit", with Maral Kichian, Bank of Canada and the University of Ottawa, Charles Saunders, Carleton University and Marcel Voia, Carleton University. *Panel Data Conference*, Montreal, July 6, 2012.

51. "Identification Robust Inference in Cointegrating Regressions", with Giovanni Urga. *Camp Econometrics*, Cooperstown, NY, April 14, 2012.

52. "Pivotal Statistics for Testing and Inference with Time Varying Parameters", with Jean-Thomas Bernard, Maral Kichian and Clement Yelou, *Computational and Financial Econometrics*, London, December 19, 2011.

53. "Factor Based Identification-Robust Inference in IV Regressions", with George Kapetanios and Massimiliano Marcelino, *Computational and Financial Econometrics*, London, December 19, 2011.

54. "Structural Multi-Equation Macroeconomic Models: Complete versus Limited-Information Identification-Robust Estimation and Fit", with Jean-Marie Dufour and Maral Kichian, *EC^2 Meetings, Florence***,** December 17, 2011. Presented by Jean-Marie Dufour.

55. "Factor Based Identification-Robust Inference in IV Regressions", with George Kapetanios and Massimiliano Marcelino, *EC^2 Meetings, Florence*, December 17, 2011.

56. "Factor Based Identification-Robust Inference in IV Regression", with George Kapetanios and Massimiliano Marcelino, *European Meetings of the Econometric Society*, Oslo, August 27, 2011.

57. "How Fama-MacBeth Can Go Wrong - and an Informative Solution", with Huntley Schaller, *European Meetings of the Econometric Society*, Oslo, August 28, 2011. Presented by Huntley Schaller.

58. "The Environmental Kuznets Curve: Tipping Points and Uncertainty", with Jean-Thomas Bernard, Mike Gavin and Marcel Voia. *Canadian Economic Association Meetings*, Ottawa, June 4, 2011.

59. "The Environmental Kuznets Curve: Tipping Points and Uncertainty", with Jean-Thomas Bernard, Mike Gavin and Marcel Voia. *Canadian Economic Association Meetings*, Ottawa, June 4, 2011.

60. "The Environmental Kuznets Curve: Tipping Points and Uncertainty", with Jean-Thomas Bernard, Mike Gavin and Marcel Voia. *Société canadienne de science économique*, Sherbrook, May 12, 2011.

61. "Factor Based Identification-Robust Inference in IV Regressions", with George Kapetanios and Massimiliano Marcelino, *High Dimensional Econometric Modeling*, London, December 3, 2010.

62. "The Environmental Kuznets Curve: Tipping Points and Uncertainty", with Jean-Thomas Bernard, Mike Gavin and Marcel Voia. *Computational and Financial Econometrics*, London, December 10, 2010.

63. "Estimating and Testing Cross-Sectional Asset-Pricing Models, a Robust IV Econometric Technique", with Huntley Schaller. *Canadian Economic Association Meetings*, Québec, May 29, 2010.

64. "Further evidence in multivariate conditional asset pricing and financial integration in North America", with Marie-Claude Beaulieu and Marie-Hélène Gagnon, *Mathematical Finance Days*, Montreal, May 13, 2010.

65. "Structural Change and the Dynamics of Energy Prices: an Identification Robust Test for Time Varying Parameters", with Dufour J.-M, Bernard J.-T., and M. Kichian. *Société Canadienne de Science Économique*, Québec, May 12, 2010.

- **Keynote Presentations**

1. "Multilevel Backtesting of Value-at-Risk by Combining Dependent P-Values", with Arturo Leccadito and Giovanni Urga. *5th International Conference in Memory of Carlo Giannini: "RECENT DEVELOPMENTS IN ECONOMETRIC METHODOLOGIES"*, Bergamo, 25 November 2016.

2. "Weak Exogeneity and Stability Tests of Cointegrated Relations", with Michel Bergamelli and Giovanni Urga. *Ana Timberlake Memorial Lecture, Oxmetrics conference*, London September 12, 2016.

3. "Multilevel back-testing of Value-at-Risk by Combining Dependent P-Values", with Arturo Leccadito and Giovanni Urga. *2nd Leverhulme Trust Lecture, Cass Business School*, London, June 1, 2016.

4. "Weak beta, strong beta: factor proliferation and rank restrictions", with Marie-Claude Beaulieu and Jean-Marie Dufour. *1st Leverhulme Trust Lecture, Cass Business School*, London, June 23, 2015.

5. "Dynamic Panels with MIDAS Covariates: Estimation and Fit", with Maral Kichian, Charles Saunders, and Marcel Voia. *Conference in honor of Carlo Giannini*, Bergamo, March 15, 2013.

6. "L'économétrie et l'évidence fallacieuse: erreurs et avancées". Allocution Présidentielle, *Société Canadienne de Science Économique*, Québec, May 15, 2013.

- **Invited Seminars**

1. "Simulation-based matching inference with applications to DSGE models", with Bertille Antoine, Maral Kichian and Zhenjiang Lin. University of Bergamo, November 28, 2019.

2. "Endogeneity in Empirical Risk Analysis: Multivariate Finite Sample Inference on Catastrophe Bond Mutual Funds," with Marie-Claude Beaulieu, Maral Kichian and Olena Melin. The University of Guelph, November 5, 2019.

3. "Identification and Persistence-Robust Exact Inference in DSGE Models", with Abeer Reza and Zhenjiang Lin. CIREQ conference in econometrics, May 10, 2019.

4. "Alpha and Risk Analysis of Catastrophe Bond Mutual Funds using Exact, Simultaneous Inference Methods", with Marie-Claude Beaulieu and Olena Melin. American University of Beirut, March 26, 2019.

5. "Weak beta, strong beta: factor proliferation and rank restrictions", with Marie-Claude Beaulieu and Jean-Marie Dufour. University of Bergamo, March 21st, 2019.

6. “Weak beta, strong beta: factor proliferation and rank restrictions”, with Marie-Claude Beaulieu and Jean-Marie Dufour. *4th Financial Econometrics and Risk Management conference, Western University*, Toronto, April 20, 2018.

7. “Weak beta, strong beta: factor proliferation and rank restrictions”, with Marie-Claude Beaulieu and Jean-Marie Dufour. *Conference on Identification in Econometrics, Vanderbilt University*, Nashville, April 21, 2018.

8. "Multilevel and Tail Risk Management: Backtesting ETFs, with Arturo Leccaditto and Giovanni Urga. *University of Bergamo*, December 12, 2018.

9. “Weak Beta, Strong Beta: Factor Proliferation and Rank Restrictions”, with Marie-Claude Beaulieu and Jean-Marie Dufour. *Ohio State University*, Columbus, November 6, 2017.

10. “Weak Beta, Strong Beta: Factor Proliferation and Rank Restrictions”, with Marie-Claude Beaulieu and Jean-Marie Dufour. *Michigan State University*, East Lansing, October 26, 2017.

11. "Multilevel and Tail Risk Management: Backtesting ETFs, with Marie-Claude Beaulieu and Jean-Marie Dufour. *The University of Waterloo*, October 20, 2017."

12. "Identification and Persistence-Robust Exact Inference in DSGE Models", with Abeer Reza and Zhenjiang Lin. **Triangle Econometrics Workshop** (host: North Carolina State University), Research Triangle Park NC, April 6, 2017.

13. "Covariance Invariance Results for HAC Robust Tests in Multiple Equation Models”, with. CIREQ conference in honor of Jean-Marie Dufour, May 7, 2016.

14. “Endogeneity in parametric duration models with applications to clinical risk indices”, with Anand Acharya, Marcel Voia and David Wensley; The University of British Columbia, November 25, 2015.

15. “Persistence Robust Simulation-Based Inference for Autoregressive Moving Average Processes” with Beatriz Peraza. *CIREQ Time Series conference*, May 9, 2014.

16. “Forecast Evaluation with Persistent Data: Simulation-Based Inference”, with Charles Saunders *CIREQ Time Series conference*, May 9, 2014. (Presented by Charles Saunders).

17. Factor Based Identification-Robust Inference in IV Regressions”, with George Kapetanios and Massimiliano Marcellino, *CIREQ conference on High Dimensional Problems in Econometrics*, Montreal, May 5, 2012.

18. Factor Based Identification-Robust Inference in IV Regressions”, with George Kapetanios and Massimiliano Marcellino, *Simon Fraser University, November 22,* 2011.

19. “The Environmental Kuznets Curve: Tipping Points and Uncertainty”, with Jean-Thomas Bernard, Mike Gavin and Marcel Voia. *Panel Data Conference*, Montreal, July 9, 2011.

20. How Fama-MacBeth Can Go Wrong -- and an Informative Solution", with Huntley Schaller, European University Institute, Florence, December 6, 2010.

21. Structural Multi-Equation Macroeconomic Models: A System-Based Estimation and Evaluation Approach", with Jean-Marie Dufour and Maral Kichian, Macroeconometric Workshop, Duke University, October 7, 2010.

22. Structural Multi-Equation Macroeconomic Models: Identification-Robust Estimation and Fit, with Jean-Marie Dufour and Maral Kichian, CIREQ/CIRANO Time Series conference, May 14, 2010.

PROFESIONNEL ACTIVITIES

- Professional Associations/Committees
  - Regular member, g*roupe de recherche en économie de l'énergie, de l'environnement et des ressources naturelles* [GREEN], université Laval, summer 1996 to date. Regular member, *centre de recherche et développement en économique - centre interuniversitaire de recherche en économie quantitative* [CRDE-CIREQ], summer 2001 to date. Member of : Econometric Society, Society for Computational Economics, Société Canadienne de Science Économique, Canadian Economic Association.
  - Member of the Advisory Committee, Society for Computational Economics, 2012-
  - *Président Désigné*, Société Canadienne de Science Économique; 2011-2012. *Président* 2012-2013. *Président* sortant 2012-2013.
  - Member of the *Environmental Economics and Policy Research Network* 2012 [Co-leaders: Stewart Elgie, University of Ottawa, Dr. Scott Taylor, University of Calgary].

- Organising Conferences :

  - Co-organizer [joint with M. Webb and M. Yazbeck] of Canadian Econometric StudyGroup Meetings, Ottawa, October 2018.
  - Member of the Scientific Committee of EMEE 2019 – 12TH INTERNATIONALWORKSHOP ON EMPIRICAL METHODS IN ENERGY ECONOMICS (to beheld in Quebec 18-19 July 2019).
  - Co-organizer [joint with Marcel Voia] of the North American Productivity Conference, Quebec, June 2016.
  - Member of the organizing committee, the World Congress of the Econometric Society, Montreal, August 2015.
  - Co-organizer [joint with Marcel Voia] of the North American Productivity Conference, Gatineau June 2014.
  - Organizer of the Société Canadienne de Science Économique Conference, 9-11 May 2012.

- Member of the Advisory Scientific Committee of the Panel Data Conference (July 2012).
- Co-organizer [joint with Jean-Marie Dufour and Marcel Voia] of the Panel Data Conference (July 2011).
- Co-organizer [joint with Marcel Voia] of the Canadian Econometric Study Group conference, 2009.
- Member of the Scientific Committee of the Canadian Econometric Study Group conference: 2007; 2006; 2004.
- Member of the Executive Council, Canadian Economic Association, 2007 – 210.
- Member of the Scientific Committee of *Computational and Financial Econometrics* conference, 2007- 2015.
- Member of the « conseil exécutif de la Société Canadienne de Science Économique », 2000-2006, and 2014- to date.
- Member of the Scientific Committee of the Society for Computational Economic Conference, 2006.
- Co-organizer [joint with Marie-Claude Beaulieu, Jean-Marie Dufour and Craig MacKinlay], *Simulation Based and Finite Sample Inference in Finance I* conference, Québec, May 2-3, 2003, and *Simulation Based and Finite Sample Inference in Finance II,* Québec, April 27-28, 2005.

- Academic and Research Evaluation:

  - Evaluator, for the *European Research Council Executive Agency,* 2012, 2013, 2015.
  - Chair, Adjudication Committee 7, Standard Research Grants, *Social Sciences and Humanities Research Council of Canada*, 2009 and 2010.
  - Evaluator for the U.S. *National Science Foundation*: Winter 2010; Fall 2009; Fall 2008; Winter and Fall 2007; Winter 2006.
  - Evaluator for the *Social Sciences and Humanities Research Council of Canada*, Winter 2007; Fall 2000.
  - Evaluator for the FCAR (Government of Québec Grants), Fall 2001.
  - Member of Adjudication Committee, *Social Sciences and Humanities Research Council of Canada*, National Doctoral Competition, 2007.
  - Member of Adjudication Committee 7, Standard Research Grants, *Social Sciences and Humanities Research Council of Canada*, 2002-2003 and 2003-2004 competition.
  - Member of the Evaluation Committee of the Masters Program, Institut National de la Recherche Scientifique, INRS-EAU, Québec, Canada, 2002.
  - External examiner: PhDs: Université de Montréal 2005 and 2016; McGill University 2016; tenure and promotion: 12 cases in Canada and internationally.

- Editorial and Refereeing Responsibilities:

  - Guest co-editor, *Econometrics*, Special Edition on Simulation based Economtric methods (2018- to date)

- Associate Editor, *Computational Statistics and Data Analysis* (Special Edition on computational econometrics, 2007).
- Guest Editor, *Computational Statistics and Data Analysis* (Special Edition on computational and financial econometrics 2009, and 2011-13).
- Guest Editor, *Actualité économique*, 2015.
- Referee for:
  - A*ctualité économique,* 1999, 1997.
  - Applied Economics, 2012.
  - *American Journal of Agriculture Economics,* 2003.
  - *Canadian Journal of Agriculture Economics,* 2000, 1999.
  - *Canadian Journal of Development Studies* 2003.
  - *Canadian Journal of Economics,* 2003, 2002.
  - *Companion to Theoretical Econometrics*, Blackwell, 1999.
  - *Computational Economics,* 2005, 2004.
  - *Computational Methods in Decision-Making, Economics and Financ*e, the Kluwer Applied Optimization Series, 2001.
  - *Computational Statistics and Data Analysis,* 2005-2007, 2003, 2002, 2011.
  - *Computer-Aided Econometrics*, 2000.
  - *Econometrica, 2011, 2012, 2013.*
  - *Econometrics Journal*, 1999.
  - *Econometric Reviews*. 2010, 2009, 1999, 1997, 2011, 2013, 2016.
  - *Economic Modeling,* 2006-2008; 2005, 2011.
  - *Energy Studies Review*, 2005, 2002.
  - *International Journal of Forecasting* 2014.
  - *Journal of Applied Econometrics*, 2005-2007, 2014, 2016.
  - *Journal of Econometrics*, 1996, 1999, 2001-2009, 2011- to date
  - *Journal of Economic Dynamics and Control*, 1999.
  - *Journal of Financial Econometrics,* 2003.
  - *Mathematical Social Science*, 2001.
  - *Psychometrica 2004.*
  - *Review of Economics and Statistics,* 2007.

GRADUATE STUDENTS SUPERVISION

- Masters Students[5]:

Charles Saunders (Director, 2011**).** *Thesis: Forecast Model Evaluation in Small-Sample Persistent Processes: A Simulation Study*. Presently, Lecturer, the University of Western Ontario.

Marie-Élaine Denis (co-Director, Université Laval, 2005). Thesis: *Prévision de la demande totale d'énergie par secteur au Québec : facteurs économiques et tendance autonomes*. Presently, at the Canadian Federal Government.

[5] At Carleton, the Masters program in Economics has both a thesis and non-thesis options. Historically, a vast majority of students have selected to complete the non-thesis option for their Masters.

Johanne Boivin (co-Director, Université Laval). Thesis: *Les changements de l'intensité énergétique des industries manufacturières canadiennes, 1976-1996*, 09-2002 ; 01-2005. Presently, at the Canadian Federal Government.

Marie-Hélène Gagnon (Director, Université Laval). Thesis: *Tester l'intégration des marchés financiers Canada-US*. 09-2003 ; 01-2005. Presently, Associate Professor of Finance, Université Laval.

Sébastien McMahon (Co-director, Université Laval). Thesis: *Prix de l'Aluminium, prévision et stabilité*. 01-2003 ; 01-2005. Presently, at the Canadian Federal Government.

Idoudi Nadhem (Co-director, Université Laval). Thesis : *La demande d'électricité du secteur industriel québécois: analyse du changement changement structurel dans une perspective de prévision* ; 01-2000, 10-2003. Presently, at Hydro Québec.

Moyneur Eric (Co-director, Université Laval). Thesis : *Méthodes d'inférence dans les modèles discrets/continus en présence d'instrumentation faible* ; 01-2000, 08-2002. Presently, independent research consultant.

Côté Bruno (Co-director, Université Laval). Thesis : *Analyse des mesures sectorielles de consommation d'énergie et d'activité économique par la méthode des composantes principales : une application canadienne* ; 09-1999, 07-2002. Presently, Gouvernement du Québec.

Khalil Richard (Co-director, Université Laval). Thesis : *Expériences Monte Carlo dans les modèles d'hétéroscédasticité conditiollelle autorégressive, approche paramétrique et semi-paramétrique* ; 09-2000, 04-2001. Presently, independent financial consultant**.**

Bilodeau Jean-Francois (Director, Université Laval). Thesis : *Analyse de processus de sauts dans les prix du pétrole brut* ; 01-1998, 02-2000. Presently, at the Canadian Federal Government.

Larochelle-Coté Sébastien (Co-director, Université Laval). Thesis : *Mesures de pauvreté et d'inégalité*: *Inference Statistique* ; 09-1998, 01-2000. Presently, at the Canadian Federal Government.

Genest Ian (Co-director, Université Laval). Thesis : *La méthode hédonique: application à la peur du gaz naturel* ; 09- 1996, 08-1998. Presently, at Hydro Québec.

- Ph-D. Students[6]

Debora Loccisano. (Director, Carleton University). 09/2019 -
Florian Richard. (Director, Carleton University). 09/2017 –

Haowei Tang. (Director, Carleton University). 09/2017 –

[6] Committee member of 11 other PhD students.

Abdallah Zalghout. (Director, Carleton University). Graduated **June 2019**. Thesis: *Three Essays on Statistical Inference on Inequality Measures*. Presently, at the Canadian Federal Government, and Lecturer Carleton University.

Olena Melin. (Co-Director, the University of Ottawa). Graduated **October 2018**. Thesis: *Essays on Catastrophe Bond Mutual Funds* Presently. Presently, assistant professor, the University of Nottingham, Singapore, and at the Canadian Federal Government (on leave).

Acharya, Anand. (co-Director, Carleton University). Thesis: *Robust Instrumental Variables and Accelerated Life Regressions.* **Graduated 2016**. Presently, Air Canada and Adjunct Professor, Carleton University.

Beatriz Peraza-Lopez. (Director, Carleton University). Thesis: *Three Essays on the Study of Persistence via Impulse-Response Confidence Bands with Application to Autoregressive Moving Average (ARMA) Processes*. **Graduated 2016**. Presently, at the Canadian Federal Government.

Zhenjiang Lin. (Director, Carleton University). Thesis: *Four Essays on Identification-Robust Numerical and Statistical Tools with Applications to Dynamic Stochastic General Equilibrium Models.* **Graduated 2015**. Presently, Assistant Professor, University of Nottingham China.

Charles Saunders. (Director, Carleton University). Thesis: *Four Essays on Dynamic Panel Models.* **Graduated 2015**. Presently, Director MFE program, the University of Western Ontario.

Gagnon, Marie-Hélène. (Co-Director, Université Laval). Graduated 2010. Thesis: *Financial Market Integration and Political Convergence in North America*. Presently, Associate Professor of Finance, Université Laval.

Yélou, Clément (Co-Director, Université Laval). Graduated 2006. *Thesis* : *Demande d'électricité: méthodes économétriques pour évaluer la stabilité structurelle et construire des intervalles de confiance pour les élasticités*. 09-2002, 06-2006. Presently, at the Canadian Federal Government.

Hashmat U. Khan

March 1, 2020

Department of Economics	Work: +1.613.520.2600 (Ext. 1561)
Carleton University	Cell: +1.613.355.6669
1125 Colonel By Drive	E-mail: hashmat.khan@carleton.ca
Ottawa, K1S 5B6	Skype: hashkhan
Canada	Website: https://carleton.ca/khan/

EDUCATION

Ph.D. Economics, University of British Columbia, Vancouver, Canada, 1999.
Thesis title: *Essays on Output and Real Exchange Rate Dynamics*.
Committee: Paul Beaudry (Main advisor), Mick Devereux, Jim Nason.

M.A. Economics, Delhi School of Economics, University of Delhi, Delhi, India, 1991.

B.A. (Hons.) Economics, S.R.C.C., University of Delhi, Delhi, India, 1989.

POSITIONS

CHAIR, Department of Economics, Carleton University, Ottawa. July 2019 - Present.

FULL PROFESSOR, Department of Economics, Carleton University, Ottawa.
July 2016 - Present.

RESIDENT ACADEMIC, Bank of Canada. August 2018 - June 2019.

CO-DIRECTOR, Centre for Monetary and Financial Economics, Carleton University, Ottawa.
July 2016 - Present

VISITING ASSOCIATE PROFESSOR, Vancouver School of Economics, University of British Columbia, May 2015 - August 2015.

VISITING FELLOW, Vancouver School of Economics, University of British Columbia, June 2014 - August 2014.

VISITING ASSOCIATE PROFESSOR, Department of Economics, University of California, Berkeley, August 2011 - November 2012.

VISITING FELLOW, Federal Reserve Bank of San Francisco, Fall 2008.

ASSOCIATE PROFESSOR (with tenure), Department of Economics, Carleton University, Ottawa, July 2008 - June 2016.

ASSISTANT PROFESSOR, Department of Economics, Carleton University, Ottawa
July 2005 - June 2008.

SENIOR ECONOMIST, Monetary Analysis, Bank of England. March 2002 - June 2005.

RESEARCH ANALYST, Research Department, Bank of Canada. July 1999 - February 2002.

RESEARCH INTERESTS

MACROECONOMICS

CURRENT RESEARCH

11. Monetary Policy in Normal Times: What Policy Rule Did the Fed Actually Follow? (Louis Phaneuf and Jean-Gardy Victor). October 2019.

10. Progressive Property Taxation–A Good Idea? The Long-Run Impacts and Transitional Dynamics (with Shahar Rotberg). October 2019.

9. Inequality over the Life Cycle, Housing, and the Business Cycle (with Burkhard Heer and Christian Scharrer). June 2019.

8. Returns to Scale in U.S. Production, Redux (with Mumtaz Ahmad and John Fernald). September 2019.

7. Consumer Confidence and Household Investment (with Jean-François Rouillard and Santosh Upadhayaya). September 2019.

6. Collusion and Antitrust Filings over the Business Cycle (with Matthew Strathearn). December 2018.

5. A Structural Analysis of US Entry-Exit Dynamics
(with Miguel Casares and Jean-Christophe Poutineau). January 2018.

4. Do Real Estate Shocks Affect Corporate Investment? (with Timothy Greider). December 2017.

3. Why Does Household Investment Lead Business Investment over the Business Cycle?: Comment. (with Jean-François Rouillard). December 2016.

2. Entrepreneurship and the Business Cycle: Stylized Facts from Venture Capital Activity
(with Pythagoras Petratos).
(With financial support from Carleton Development Grant). August 2016. .

1. Investment-Specific News Dominates TFP News in Driving US Business Cycles
(with Nadav Ben Zeev). September 2016.

PUBLICATIONS (peer-reviewed journals) and CITATIONS

25. The Real Interest Rate Channel *is* Structural in Contemporary New-Keynesian Models (with Joshua Brault). October 2019. Forthcoming *Journal of Money, Credit and Banking*.

24. The Shifts in Lead-Lag Properties of the US Business Cycle (with Joshua Brault). *Economic Inquiry*, Vol. 58, No. 1, January 2020, 319-334.

23. Monetary News Shocks (with Nadav Ben Zeev and Christopher Gunn). Forthcoming *Journal of Money, Credit and Banking*.

22. Rules-Based Monetary Policy and the Threat of Indeterminacy When Trend Inflation Is Low (with Louis Phaneuf and Jean-Gardy Victor). Forthcoming *Journal of Monetary Economics*.

21. Does Business Confidence Matter for Investment? (with Santosh Upadhayaya). Forthcoming *Empirical Economics*.

20. Carbon Emissions and Business Cycles (with Christopher R. Knittel, Konstantinos Metaxoglou, and Maya Papineau). (With financial support from a SSHRC IDG Grant). *Journal of Macroeconomics* [LEAD ARTICLE], Vol 60, June 2019, 1-19.

19. The Sources of Canadian Economic Growth (with Samira Hasanzadeh). *Canadian Journal of Economics*, 52 (1), February 2019, 279-302.

18. Household Borrowing Constraints and Residential Investment Dynamics (with Jean-François Rouillard). *Journal of Economic Dynamics and Control* [LEAD ARTICLE], Number 95, October 2018, 1-18.

17. House Prices and Government Spending Shocks (with Abeer Reza). *Journal of Money, Credit and Banking*, Vol 49, Number 6, September 2017, 1247-1271.

16. Business Dynamism and Economic Growth: US Regional Evidence (with Miguel Casares). (With financial support from Carleton Development Grant). *International Review of Entrepreneurship* Vol 14: Issue 4, 2016, 423-445.

15. Investment-Specific News Shocks and US Business Cycles (with Nadav Ben Zeev). *Journal of Money, Credit and Banking*, Vol 47, Issue 7, September, 2015, 1443-1464.

14. The Stock Market and the Consumer Confidence Channel: Evidence from Canada (with Lilia Karnizova). *Empirical Economics*, Vol. 49, Issue 2, 2015, 551-573.

13. Effects of Productivity Shocks on Employment: UK Evidence (with John Tsoukalas). *B.E. Journal of Macroeconomics (Contributions)*, Vol. 13, Issue 1, 2013. (With financial support from a SSHRC Grant).

12. Markups and Oil Prices in Canada (with Bae-Geun Kim). *Economic Modelling*, 30, January 2013, 799-813.

11. The Quantitative Importance of News Shocks in Estimated DSGE Models (with John Tsoukalas). *Journal of Money, Credit and Banking*, Vol. 44, No. 8, December 2012, 1535-1561. (With financial support from a SSHRC Grant).

10. Investment Shocks and the Comovement Problem (with John Tsoukalas). *Journal of Economic Dynamics and Control*, 35(1), January 2011, 115-130. (With financial support from a SSHRC Grant).

9. Investment Adjustment Costs: An Empirical Assessment (with Charlotta Groth). *Journal of Money, Credit and Banking* [LEAD ARTICLE] , Vol 42, No. 8, December 2010, 1469-1494. (With financial support from a SSHRC Grant).

8. Inventory Investment and the Real Interest Rate (with Sadaquat Junayed). Economics: The Open-Access, Open-Assessment E-Journal, Vol. 3, 2009-34.

7. The Phillips Curve Under State-Dependent Pricing (with Barbara Rudolf and H. Bakshi). *Journal of Monetary Economics*, 54, November, 2007, 2321-2345.

6. The New Keynesian Phillips Curve under Trend Inflation and Strategic Complementarity (with Barbara Rudolf, Pablo Burriel, and H. Bakshi). *Journal of Macroeconomics*, Vol 29, Number 1, March 2007, 37-59.

5. Estimates of Sticky Information Phillips Curve for the United States (with Zhenhua Zhu). *Journal of Money, Credit and Banking*, Vol 38, Number 1, 2006, 195-207.

4. New Phillips Curve under Alternative Technologies for Canada, the United States, and the Euro Area (with Edith Gagnon). *European Economic Review*, 19(6), August 2005, 1571-1602.

3. Price-Setting Behaviour, Competition, and Markup Shocks in the New Keynesian Model. *Economics Letters*, Vol 87, 3, June 2005, 329-335.

2. Price Stickiness, Trend Inflation, and Output Dynamics: A Cross-Country Analysis. *Canadian Journal of Economics*, 37 (4), 2004, 999-1020.

1. Price Stickiness, Inflation, and Real Exchange Rate Dynamics: A Cross-Country Analysis. *Economics Letters*, 71(2), 2001, 247-253.

OLDER PAPERS

4. Competitiveness, Inflation, and Monetary Policy, (co-author Richhild Moessner). *Bank of England Working Paper no. 246*.

3. Contribution of Information Technology Sector to Output and Labour Productivity Growth in Canada (co-author Marjorie Santos). *Bank of Canada Working Paper 2002-07*.

2. Notes on the Derivation of New Keynesian Phillips Curve Under Positive Steady State Inflation (co-author Barbara Rudolf). March 2005.

1. Product Diffusion, Increasing Returns to Specialization, and the Propagation of Shocks. December 2002.

RESEARCH GRANTS AND AWARDS

Carleton University Research Award ($15,000, 2020).

SSHRC Insight Development Grant (Co-Applicant, $55,290, 2019-2021).

Department of Economics Research Achievement Award 2019 ($1500).

Faculty of Public Affairs Research Productivity Bursary 2015-16 ($2250).

Carleton Development Grant 2015 ($7,000).

SSHRC Insight Development Grant (Principal Investigator ($71,765, 2014-2016).

SSHRC Research Grant (Principal Investigator, $37,000, 2008-2011).

SSHRC Institutional Grant ($3000, 2006).

Carleton University Start-Up Grant ($10,000, 2005).

MEDIA AND BLOG POSTS

Innovation's Ground-Shifting Impacts on Labour, *Diplomat & International Canada*, Fall 2017, Oct-Dec, pp 54-55.

Household Borrowing Constraints and Residential Investment Dynamics showcased on the NEP-DGE Blog, September 14, 2016.

'Dirty' Booms and 'Green' Busts, Featured Researcher, Faculty of Public Affairs, Carleton University. August 11, 2016.

Entrepreneurship and Economic Activity:Looking Through the Lens of Venture Capital (with Pythagoras Petratos). *The CLS Blue Sky Blog*, Columbia Law School, July 5, 2016.

Comments on Pending ESOP for Beau's Brewery. *Metro Ottawa*, May 18, 2016.

How is the Canadian Economy Doing?. *The Hill Times*, May 4, 2015.

Employment and Investment: the Great Canadian Disconnect (with Nyamekye Asare). *Worthwhile Canadian Initiative*, July 17, 2014.

The Canadian Taylor Curve - and the Direction of Causality. *Worthwhile Canadian Initiative* April 3, 2011.

TEACHING

Graduate

Directed Readings (ECON 6904) - Joshua Brault - Fall 2017, Winter 2018.

Ph.D Seminar ECON 6907/6908 - 2016-2018.

Economic Theory: Macroeconomics, Ph.D. (ECON 6021) - Winter 2016, 2015, 2014

Macroeconomic Theory, MA (ECON 5021) - Winter 2018, 2017, 2016, 2015, 2014, 2013, 2011

Special Topics (ECON 5880) - Winter 2009

Undergraduate

Honours Capstone Seminar (ECON 4905 B) - Fall 2017

Honours Seminar (ECON 4902) - Fall 2016, Fall 2015, Fall 2014 2013, Winter 2011, 2010, 2009, 2008

Macroeconomic Theory (ECON 4021) - Fall 2013, Winter 2013, 2011, 2010, 2009, Fall 2007

International Finance (ECON 356) - Summer 2015 (Vancouver School of Economics)

Macroeconomic Theory (ECON 101B) - Fall 2011 (UC Berkeley)

International Monetary Problems (ECON 3602) - Fall 2006, 2005

International Monetary Theory and Policy (ECON 4602) - Winter 2008, Fall 2006, 2005

TEACHING EVALUATIONS (Since 2013)
Student Evaluation of Instructor:
(5=excellent, 4=very good, 3=good, 2=satisfactory, 1=poor)

	Graduate courses		Undergraduate courses		
Term	ECON 6021	ECON 5021	ECON 4902	ECON 4021	ECON 4905
Winter 2018	-	**5**	-	-	-
Fall 2017	-	-	-	-	**5**
Winter 2017	-	**5**	-	-	-
Winter 2016	**5**	**5**	-	-	-
Winter 2015	**5**	**5**	-	-	-
Fall 2015	-	**5**	-	-	-
Winter 2014	**4**	**5**	-	-	-
Fall 2013	-	-	**5**	**5**	-
Winter 2013	-	**5**	**5**	**5**	-

- Nominated for Faculty Graduate Mentoring Award (2020)

AFFILIATIONS

ASSOCIATE MEMBER, GREDI, Faculty of Management - University de Sherbrooke, Quebec. September 2016 - Present

Fellow, Euro Area Business Cycle Network (EABCN). Jan 2004 - present.

Honorary Research Fellow, University of Glasgow. May 2003 - June 2005.

INVITED SEMINARS AND VISITS

2019: Ryerson University, Wilfred Laurier University, Waseda University.

2018: Middlebury College, University of Alberta, University of Saskatchewan, Bank of Canada, Bank of England, University College London, Ryerson University.

2017: University of Windsor, University of Ottawa.

2016: University of Tokyo.

2015: University of Sherbrooke, Ryerson University, Vancouver School of Economics (UBC), Bank of Canada.

2014: University of Winnipeg.

2010: University of Saskatchewan, San Francisco State University.

2009: University of Waterloo.

2008: University of Nottingham, Swiss National Bank, Federal Reserve Bank (San Francisco), University of Hagen.

2007: Tilburg University, HEC Montreal, Queen's University

2006: University of Groningen, Swiss National Bank, University of Ottawa.

2005: Ryerson University, Carleton University, University of Calgary.

2004: European University Institute, Swiss National Bank, Bank of Finland, Norges Bank.

2002-03: University of Glasgow, Swiss National Bank.

2001-02: Bank of England, University of Saskatchewan.

1999-00: University of Alberta, Concordia University, Bank of Canada, University of Guelph, McMaster University.

CONFERENCE/WORKSHOP PARTICIPATION

Computing in Economics and Finance, June 28-30, 2019. Co-Chair.

Carleton Macro-Finance Workshop (CMFW 2019), May 24, 2019. Co-organizer.

Bank of Canada Conference on Capital Flows in Advanced Economies: Implications for Financial Stability, Ottawa, November 13, 2018. Discussant: America First? A U.S.centric view of global capital flows - Peter McQuade (Central Bank of Ireland) and Martin Schmitz (European Central Bank).

Macroeconomic Modelling and Model Comparison (MMCN) - Stanford University, June 6-7, 2018. Presenter & Discussant.

Carleton Macro-Finance Workshop (CMFW 2018), May 25, 2018. Co-organizer.

AWSOME II, McMaster University, May 22, 2018. Presenter.

News and Information in Macroeconomics Workshop, University of Glasgow, May 11, 2018. Presenter.

Inequality: Health, Measurement, and Policy, Carleton University, February 28, 2018. Co-Organizer.

Canadian Macro Study Group Meetings, Ottawa, November 10-11, 2017. Co-Organizer.

Carleton Macro-Finance Workshop (CMFW 2017), June 16, 2017.
Co-Organizer

Canadian Macro Study Group Meetings, Kingston, November 11-12, 2016.
Presenter: Monetary News Shocks.

Carleton Macro-Finance Workshop (CMFW 2016), June 6, 2016. Organizer—inaugural annual workshop, Carleton University.

Canadian Macro Study Group Meetings, Hamilton, November 7-8, 2014.
Discussant: Reconciling Hayek's and Keynes's Views of Recessions - Paul Beaudry (VSE), Dana Galizia (VSE), and Franck Portier (Toulouse).

Canadian Economic Association Meetings, Vancouver, May 29-June 1, 2014.
Presenter: Monetary News and Surprises.

Canadian Economic Association Meetings, Ottawa, June 2-5, 2011.
Presenter: Effects of Productivity Shocks on Employment: UK Evidence.

Canadian Economic Association Meetings, Quebec City, May 28-30, 2010.
Discussant: A Two-Sector International Real Business Cycles Model with Investment-Specific Technology Shock - Sharif Khan (Queen's University).

Dynare Conference 2009, Norges Bank, Oslo, August 31-September 1, 2009.
Presenter: The Quantitative Importance of News Shocks in Estimated DSGE Models.

Western Economic Association International, Vancouver, June 29-July 3, 2009.
Presenter: The Quantitative Importance of News Shocks in Estimated DSGE Models.

Discussant: Marginal Productivity Principle and Measurement Biases in TFP - Kazumi Asako (Hitotsubashi University) and Miho Takizawa (Toyo University).

Canadian Economic Association Meetings, Toronto, May 29-31, 2009.
Session Organizer and Presenter: The Quantitative Importance of News Shocks in Estimated DSGE Models.

Discussant: Estimating Search and Matching Model of the Aggregate Labour Market - Thomas Lubik (FRB, Richmond).

Discussant: News and Knowledge Capital - Chris Gunn (McMaster) and Alok Johri (McMaster).

Canadian Economic Association Meetings, Vancouver, June 6-8, 2008.
Presenter: 'Inventory Investment and the Real Interest Rate'.

Discussant: Globalization and Optimal Monetary Policy in a Multi-Sector SOEM - Carlos Resende (Bank of Canada), Ali Dib (Bank of Canada), Maral Kichian (Bank of Canada).

Canadian Macro Study Group Meetings - November 9-10, 2007. Organizer.

Bank of Canada/ECB Workshop, Ottawa, June 2007. Discussant: Expenditure Switching Effect and the Choice of Exchange Rate Regime'- Wei Dong.

Canadian Economic Association Meetings, Halifax, June 1-3, 2007.
Presenter: 'Investment Adjustment Costs: An Empirical Assessment'.

Discussant: 'Re-examination of Real Business Cycles in a Small Open Economy' - Jang-Ting Guo and Zuzana Janko.

Discussant: 'Measuring the Impact of Intervention on Exchange Market Pressure' - Pierre Siklos and Diana Weymark.

Discussant: 'Inflation-Targeting and Price-Level-Path Targeting in the GEM' - Don Coletti, René Lalonde, and Dirk Muir.

Macroeconomics of Technology Shocks (Wilfred Laurier University, April 2007.)
Presenter: 'Technology Shocks and UK Business Cycles'.

Structural Modeling and Weak Identification: Theory and Applications, Carleton University, March 2007. Organizer (joint with Lynda Khalaf). Presenter: 'Investment Adjustment Costs: An Empirical Assessment'.

Canadian Econometric Study Group Meetings (Niagara, October 2006). Discussant: 'Sticky Contracts or Sticky Information? Evidence from an Estimated Euro Area DSGE Model' - Matthias Paustian and Ernest Pytlarcyyk.

EEA-ESEM (Vienna, August 2006). Presenter: 'Technology Shocks and UK Business Cycles'.

Society for Computational Economics (Washington D.C., June 2005).

Estimated DSGE Models for Monetary Policy Analysis (Bank of England, April 2005. Organizer).

Canadian Macro Study Group Meeting, Montreal, November 2004. Discussant: 'Information Flows and Aggregate Persistence' - Oleksiy Kryvtsov.

EEA-ESEM (Madrid, August 2004). Presenter: The Phillips Curve Under State-Dependent Pricing.

Inflation Dynamics in General Equilibrium Macro Models (Bank of Finland, Helsinki, May 2004). Discussant: 'Evaluating the Calvo Model of Sticky Prices' - Martin Eichenbaum and Jonas Fisher.

Society for Computational Economics (Seattle, July 2003). Presenter: Endogenous Price Stickiness, Trend Inflation, and the New Keynesian Phillips Curve.

Inflation Dynamics and Structural Change (Bank of England, May 2003). Presenter: Competitiveness, Inflation, and Monetary Policy.

Canadian Economic Association, Montreal (2001), Toronto (1999), St. John's (1997).

OTHER PRESENTATIONS

Presentation at the Carleton Undergraduate and Graduate Student Society (CUES-CGES) event, October 5, 2017.

Guest Lecture, School of Public Policy, Carleton University, November 2015.

Undergraduate Economic Society, Carleton University, February 2007.

Center for Central Banking Studies, Bank of England, April 2003.

REFEREEING

JOURNALS: *American Economic Review*, *Journal of European Economic Association*, *Review of Economics and Statistics*, *International Economic Review*, *Journal of Monetary Economics*, *Journal of Money, Credit and Banking*, *European Economic Review*, *Canadian Journal of Economics*, *Journal of Economic Dynamics and Control*, *Review of Economic Dynamics*, *Economic Inquiry*, *Economics Letters*, *Economic Theory*, *Economic Record*, *Journal of Applied Econometrics*, *Journal of Macroeconomics*, *Journal of Economic Studies*, *International Journal of Forecasting*, *Macroeconomic Dynamics*, *Economic Modelling*, *Scottish Journal of Political Economy*, *Contemporary Economic Policy*, *Journal of Cleaner Production*, *North American Journal of Economics and Finance*, *Empirical Economics*, *International Review of Economics and Finance*, *Oxford Economic Papers*, *Oxford Bulletin of Economics and Statistics*, *Eastern Economic Journal*, *Southern Economic Journal*, *Journal of Business Cycle Research*, *Climate Change Economics*, *Bank of England Working Paper Series*

BOOK REVIEWS: *Routledge Publisher*, *Pearson Education Canada*, *MIT Press*

GRANTS REVIEWS: Social Sciences and Humanities Research Council (Canada), Research Grants Council of Hong Kong.

DEPARTMENT/FACULTY/UNIVERSITY/PROFESSIONAL SERVICES

Hiring Committee (Chair, 2019-2020).

Canada Research Chair Tier II Search Committee (2019-2020).

Faculty of Public Affairs Search Committee (2019-2020).

Carleton University Promotion Committee (2018).

Faculty of Public Affairs Research Excellence Chair Committee (2018).

Co-Director, Centre for Monetary and Financial Economics, July 2016-present.

Ph.D. Program Supervisor/Associate Director Ottawa-Carleton Graduate School of Economics, July 2016-2018.

Vice Chair, Department of Economics, July 2016-2018.

Appointments Committee (2017-18), Appointments Sub-Committee (Macro-Finance): 2015-16 (Chair), 2014-15 (Chair, Macroeconomics), 2008-09, 2007-08 (Chair, International Macroeconomics), 2006-07 (Chair, Macroeconomics), 2005-06.

Ph.D. Comprehensive Examination Board: 2016 (Macro, Chair), 2015 (Macro, Chair), 2014 (Macro, Chair), 2007 (International).

Undergraduate Program Committee: July 2013 - June 2016.

B.A. Program Supervisor: July 2007 - June 2011.

Academic Planning and Curriculum Committee: September 2007 - June 2011.

University Research Committee: September 2006 - June 2007.

MA Admissions Committee: September 2006 - June 2011.

Undergraduate Program Review Committee: (2010, 2009, 2008, 2007).

Tenure and Promotion Committee: 2015, 2006.

SSHRC Insight Development Grant Adjudication Committee 2016, 2015.

Ph.D. THESIS SUPERVISION

Main Supervisor

9. Pratap Basnet (September 2019-ongoing).

8. Mumtaz Ahmad (September 2017-ongoing). First workshop/Thesis Proposal completed, May 2019.

7. Nusrat Jahan (June 2016—ongoing). First workshop/Thesis Proposal completed, April 2019.

6. Joshua Brault (September 2017-ongoing). First Workshop/Thesis Proposal completed, September 2018.

5. Santosh Upadhayaya (Ph.D. granted, May 2019).

4. Tim Grieder (Ph.D. granted, April, 2018).

3. Samira Hasanzadeh (Ph.D. granted, October 2017).

2. Abeer Reza (Ph.D. granted, June 2013). Winner of *Senate Medal* (Carleton University).

1. Xue (Bill) Zhao (Ph.D. granted, January 2013).

Co-Supervisor

3. Nyamekye Asare (University of Ottawa, Ph.D. granted, January 2018).
2. Yang Zhang (University of Ottawa, Ph.D. granted, October 2013).
   Thesis nominated for *University Medal (University of Ottawa)*.
1. Xioanan Li (Ph.D. granted, May 2015).

Committee Member

7. Matthew Strathearn (Ongoing, First Workshop completed, April 2019).
6. Frida Adjalala (University of Ottawa, Ongoing, First Workshop completed, April 2018).
5. Maxime Dufournaud-Labelle (University of Ottawa, Ph.D. granted, October 2018).
4. Zhenjian Lin (Ph.D. granted, May 2015).
3. Afshan Dar (Ph.D. granted, May 2013).
2. Dmitry Lysenko (School of Public Policy & Administration, Ph.D. granted, May 2013).
1. Sadaquat Junayed (Ph.D. granted, September 2009).

Undergraduate Essay Supervision
Geoffery Halmo (2011), Suzanne Robertson (2006), Laila Gulzar (2005-06).

EXTERNAL EXAMINER (Ph.D. Thesis)

13. Imtiaz Ahmad, National University of Sciences and Technology, February 2020.
12. Shernette McLeod, University of Waterloo, April 2018.
11. Shahed Kaiser Khan, McMaster University, April 2018.
10. Jean Gardy Victor, UQAM, November 2017.
9. Adugna Berhau Olani, Queen's University, July 2017.
8. Bruneau Gabriel, Université de Montreal, May 2015.
7. Xinyu Ge, Queen's University, July 2014.
6. Seedwell Hove, University of Cape Town, October 2012.
5. Constant Lokeng Ngouana, Université de Montreal, May 2011.

4. Ivan Tchinkov, Simon Fraser University, September 2010.

3. Keqiang Hou, McMaster University, August 2010.

2. Tzvetana Rakovsk, McGill University, October 2009.

1. Jungfeng Qiu, Queen's University, July 2007.

PROFESSIONAL MEMBERSHIPS

American Economic Association, Canadian Economic Association, Society for Computational Economics and Finance, Society for Economic Dynamics

MINJOON LEE
March 2020

Department of Economics
Carleton University
D-892 Loeb Building, 1125 Colonel By Drive
Ottawa, ON, K1S 5B6, Canada

E-mail: minjoon.lee@carleton.ca
Phone (Cell): 613-520-2600 x 3762
Website: sites.google.com/site/minjoonlee

POSITIONS

2016.7 – Present	Assistant Professor, Department of Economics, Carleton University
2016.8 – Present	Adjunct Research Assistant Professor, Survey Research Center, University of Michigan

EDUCATION

2016	Ph. D., Economics, University of Michigan
2009	M.A., Economics, Korea University
2007	B.A., Economics, Korea University (Summa cum Laude)

PUBLISHED PAPERS

"Heterogeneity in Expectations, Risk Tolerance, and Household Stock Shares," (with John Ameriks, Gábor Kézdi, and Matthew D. Shapiro), *Journal of Business & Economic Statistics*, forthcoming.

"Older Americans Would Work Longer If Jobs Were Flexible," (with John Ameriks, Joseph Briggs, Andrew Caplin, Matthew D. Shapiro, and Christopher Tonetti), *American Economic Journal: Macroeconomics*, 12 (1), January 2020.

WORKING PAPERS

"Portfolio Allocation over Life-Cycle with Multiple Late-in-Life Saving Motives," revised February 2020.

"The Wealth of Wealthholders" (with John Ameriks, Andrew Caplin, Matthew D. Shapiro, and Christopher Tonetti), Vanguard Research Initiative Working Paper and NBER Working Paper 20972, December 2014.

"The Welfare and Distributional Effects of Fiscal Uncertainty: A Quantitative Evaluation" (with Ruediger Bachmann, Jinhui Bai, and Fudong Zhang), CEPR Working Paper DP12384, revised February 2020. Revised and resubmitted to the *Review of Economic Dynamics*.

"Forced Retirement Risk and Portfolio Choice" (with Guodong Chen and Tong-yob Nam), November 2019. Under revision for the *Journal of Empirical Finance*.

RESEARCH IN PROGRESS

"Nursing Homes in General Equilibrium: Implications for Long-term Care Policies" (with Tatyana Koreshkova)

TEACHING EXPERIENCE

Instructor – Carleton University
- Intermediate Macroeconomics II (Econ 2103), 6 semesters
- Financial Econometrics (Econ 5055, MA), 3 semesters
- Economic Theory: Macroeconomics (Econ 6021, Ph.D.), 4 semesters
- Research Experience Opportunity (IPAF 4900), 2 semesters

Instructor – Carleton University, Center for Monetary and Financial Economics
- Heterogeneous-Agent DSGE Model Workshop – May 2017

Graduate Student Instructor – University of Michigan
- Principles of Macroeconomics (Econ 102) – Fall 2014

Teaching Assistant - Korea University
- Principles of Economics – 09/2007 – 06/2009

RESEARCH GRANTS

Michigan Retirement and Disability Research Center Grant (USD 50,000, PI, Co-PI: Tatyana Koreshkova), Social Security Administration, 2019-2020

National Pension Hub Grant ($24,000, PI, Collaborators: Guodong Chen and Tong-yob Nam), Global Risk Institute, 2020

Insight Development Grant ($55,290, PI, Co-Applicants: Hashmat Khan and Raul Razo-Garcia), Social Sciences and Humanities Research Council of Canada, 2019-2021

Start-Up Research Grant, Carleton University, 2016

Rackham Research Grant, University of Michigan, 2013

FELLOWSHIPS, HONORS AND AWARDS

Departmental Research Achievement Award, Carleton University, 2019

William Haber Graduate Fellowship, Michigan Institute for Teaching and Research in Economics, University of Michigan, 2015

F. Thomas Juster Economic Behavior Research Award, Institute for Social Research, University of Michigan, 2015

Doctoral Study Abroad Scholarship, Korea Foundation for Advanced Studies, 2010 - 2015

Brain Korea 21 (BK21) Scholarship, Korea Research Foundation, 2007 – 2009

Tuition-only Fellowship, Korea University, 2001 – 2002, 2006 – 2009

CONFERENCE/WORKSHOP PRESENTATIONS

Society for the Advancement of Economic Theory Conference, Seoul, 2020 (scheduled)

Labor Market in an Aging World Workshop, Montreal, 2020 (scheduled)
Canadian Macroeconomics Study Group Meeting, Toronto, 2018
GRIPS-UT Macroeconomics & Policy Workshop, Tokyo, 2018
Society for Economic Dynamics, Mexico City, 2018
Michigan Retirement Research Center Research Workshop, Ann Arbor, 2018
American Economic Association, Philadelphia, 2018
Carleton Macro-Finance Workshop, Ottawa, 2017
Canadian Economic Association, Antigonish, 2017
Michigan Retirement Research Center Research Workshop, Ann Arbor, 2017
Joint Statistical Meetings, Chicago, 2016
Western Economic Association International, Portland, 2016
Annual Canadian Health Economists' Study Group Meeting, Ottawa, 2016
Midwest Macro Meetings, West Lafayette, 2016
American Economic Association, San Francisco, 2016

INVITED SEMINARS

2020: University of Tokyo (scheduled)
2019: Concordia University
2018: Korea University, Bank of Canada (brown bag)
2017: University of Connecticut, Concordia University
2016: Carleton University, Washington State University, Virginia Commonwealth University, Board of Governors of the Federal Reserve System, University of North Carolina at Chapel Hill, University of Ottawa

PROFESSIONAL ACTIVITIES

Referee – American Economic Journal: Economic Policy, American Economic Review, Economic Inquiry, European Economic Review, ILR Review, Journal of Empirical Finance, Macroeconomic Dynamics

Conference/Workshop Organization

Carleton Macro-Finance Workshop (2017 – 2020, co-organizer)
Canadian Macroeconomics Study Group Meeting (2017, committee member)

DEPARTMENT/UNIVERSITY/PROFESSIONAL SERVICES

Ph.D. Comprehensive Examination Board
- Macro, Chair (2017 – Present)

Ph.D. Supervision
- Hassan Faryaar (December 2017 – ongoing, co-chair)
- Jingjing Xu (October 2018 – ongoing, co-chair)
- Jamil Sayeed (April 2019 – ongoing, committee member)
- Mumtaz Ahmad (April 2019 – ongoing, committee member)
- Nusrat Jahan (April 2019 – ongoing, committee member)
- Farzaneh Davarzani (University of Ottawa, April 2017 – ongoing, committee member)
- Zechuan (Brian) Deng (University of Ottawa, June 2019 – ongoing, committee member)

Vincent Paquet (Completed, September 2018, co-chair). Employed at Employment and Social Development Canada

Planning Committee (July 2017 – Present)
Seminar Coordinator (January 2019 – Present)
Ph.D. Program Committee (July 2017 – June 2018)
Hiring Committee (July 2018 – February 2019; October 2019 – February 2020)
Tenure and Promotion Committee (July 2019 – December 2019)

PERSONAL

Citizenship: Republic of Korea, Permanent Resident of Canada
Languages: Korean (native), English (fluent), Japanese (fluent), Chinese (beginner)
Computer Applications: MATLAB, Fortran, SAS, STATA

Konstantinos Metaxoglou

FIELDS	Energy, Industrial Organization, Applied Econometrics, Empirical Finance

CONTACT	Carleton University 1125 Colonel By Drive Ottawa, ON K1R 7X5	613-520-2600 x.3755 konstantinos.metaxoglou@carleton.ca https://sites.google.com/site/kostasmetaxoglou

EMPLOYMENT	2018/07–	Associate Professor of Economics, Carleton University
	2013/07–2018/06	Assistant Professor of Economics, Carleton University
	2011/11–2013/05	Manager (Antitrust Practice), Bates White LLC
	2006/08–2011/10	Senior Consultant (Antitrust Practice), Bates White LLC
OTHER POSITIONS	2019/09–2020/05	Visiting Associate Professor, MIT Sloan
	2019/09–2020/05	Visiting Scholar, MIT CEEPR
	2017/06–2017/07	Visiting Scholar, Brown University
	2015/05–2015/06	Visiting Scholar, MIT CEEPR
EDUCATION	2006	Ph.D. Economics, University of California Davis
	2001	M.Sc. Economics, University College London
	1998	B.Sc. Applied Informatics, University of Macedonia

PUBLICATIONS

1. "Productivity Spillovers from Pollution Reduction: Reducing Coal Use Increases Crop Yields," with Aaron Smith, *American Journal of Agricultural Economics*, Published Online: September 2019.
2. "Environmental Implications of Market Structure: Shale Gas and Electricity Markets," with Christopher Knittel and Andre Trindade, *International Journal of Industrial Organization*, 63, 2019, pp. 511–55.
3. "Carbon Emissions and Business Cycles," with Hashmat Khan, Christopher Knittel, and Maya Papineau, *Journal of Macroeconomics*, 60, 2019, pp. 1–19.
4. "Option-Implied Equity Premium Predictions via Entropic Tilting," with Aaron Smith and Davide Pettenuzzo, *Journal of Financial Econometrics*, Published Online: April 2018.
5. "Forecasting Stock Returns Using Option-Implied State Prices," with Aaron Smith, *Journal of Financial Econometrics*, 15(3), 2017, pp. 427–473.
6. "Are We fracked? The impact of falling gas prices and the implications for coal-to-gas switching," with Christopher Knittel and Andre Trindade, *Oxford Review of Economic Policy*, 32(2), 2016, 241–259.
7. "Working with Data: Two Empiricists' Experience," with Christopher Knittel, *Journal of Econometric Methods (Practitioner's Corner)*, Published Online: March 2016.
8. "State Prices of Conditional Quantiles: New Evidence on Time Variation in the Pricing Kernel," with Aaron Smith, *Journal of Applied Econometrics*, Published Online: March 2016.
9. "Estimation of Random Coefficient Demand Models: Two Empiricists' Perspective," with Christopher Knittel, *Review of Economics and Statistics*, 96(2), 2014, pp. 34–59.
10. "Challenges in Merger Simulation Analysis," with Christopher Knittel, *American Economic Review, Papers and Proceedings*, 101(3), 2011, pp. 56–59.
11. "Diagnosing Unilateral Market Power in Electricity Reserves Market," with Christopher Knittel, *Journal of Energy Markets*, 1(1), 2008, pp. 65–95.
12. "Maximum Likelihood Estimation of VARMA Models Using a State Space EM Algorithm," with Aaron Smith, *Journal of Time Series Analysis*, 28(5), 2007, pp. 666–685.

13. "Efficiency of the California Electricity Reserves Market," with Aaron Smith, *Journal of Applied Econometrics*, 22(6), 2007, pp. 1127–1144.

Working Papers

1. "Coordinating Separate Markets for Externalities," with Miguel Abito, Christopher Knittel, and Andre Trindade, *NBER Working Paper 24481, submitted*.
2. "Does U.S. Export Global Warming? Coal Exports and the Shale Boom," with Christopher Knittel, Andre Trindade, and Anson Soderbery, *submitted*.

Work in Progress

1. Electrifying Transportation: Issues and Opportunities
2. Nutrient Pollution and US Agriculture
3. Mortality Effects from Coal-to-Natural Gas Shifts in the Electricity Sector
4. A Historic Overview of 50 years of the Canadian Journal of Economics

Teaching

Certificate in University Teaching, Carleton University, 2016.
Industrial Organization (graduate): Fall 2016, Fall 2017, Winter 2019.
Econometrics (undergraduate): Fall 2014, Fall 2015 (2 sessions), Fall 2016, Fall 2017, Winter 2019.
Industrial Organization (undergraduate): Fall 2013, Fall 2014, Winter 2016, Winter 2017, Winter 2018, Fall 2018.
Managerial Economics (undergraduate): Fall 2013, Winter 2014, Winter 2015, Winter 2016, Winter 2017, Winter 2018, Fall 2018.
Economic Analysis for Business Decisions: Fall 2019 (Taught at MIT Sloan).

Supervision

Angelika Welte (committee member, completed). Employed at the Bank of Canada.
Laura Sonley (committee member, completed). Employed at Competition Bureau Canada.
Heng Xu (committee member, completed). Assistant Professor, Southwestern University of Finance and Economics, China.
Lyming Huang (committee member, in progress). Currently employed at Innovation, Science and Economic Development Canada.

Service

Hiring Committee, School of Mathematics and Statistics, 2018 (Member).
Tenure and Promotions Committee, Economics Department, 2018–2019 (Member).
Planning Committee, Economics Department, 2018–2019 (Member).
Ph.D. Committee, Economics Department, 2017–2018 (Member).
Ph.D. Committee, Economics Department, 2016–2017 (Member).
Ph.D. Committee, Economics Department, 2015–2016 (Member).
Appointments Sub-Committee, Economics Department, 2014–2015 (Member).

Fellowships and Awards

SSHRC Insight Development Grant, with Christopher R. Knittel, Hashmat Khan, and Maya Papineau, Co-investigator, $71,765, 2014–2016.
Startup grant, Carleton University, 2013.
Non Resident Tuition Fellowship, UC Davis, 2001-2005.
Institute of Governmental Affairs Dissertation Improvement Award, UC Davis, 2004.

Conference and Seminar Presentations

MIT CEEPR Fall Conference (scheduled), 2019; CREE Study Group, 2018; CREE Study Group, 2017; UCF, 2017; IAAE, 2015; Queen's Quant Workshop, 2015; AEA, 2015; CEA, 2014; Ebay, 2013; Northeastern University, 2013; Carleton University, 2013; Lancaster University, 2013; University of Queensland, 2013; University of Melbourne, 2013; Federal Trade Commission, 2010; NBER IO Winter Meeting, 2008; Bates White LLC, 2008; Bates White LLC, 2007; Bates White LLC, 2006; University of Oklahoma, 2006; University of California Energy Institute, 2005.

REFEREEING

Journals: *American Journal of Agricultural Economics, Energy Journal, Environmental and Resource Economics, International Journal of Industrial Organization, Journal of Macroeconomics, Journal of Political Economy, Journal of Public Economics, Quantitative Economics, Rand Journal of Economics.*
Grant Reviews: *National Science Foundation-Economics.*

Last updated: February 2020

MAYA PAPINEAU

Updated February 2020

A-808 Loeb
Department of Economics
Carleton University,
Ottawa, Canada
K1S 5B6
Personal Website

Tel: (613) 878-4274
Email: maya.papineau@carleton.ca
Citizenship: Canadian
Languages:
English (fluent), French (fluent)

EMPLOYMENT AND AFFILIATIONS

2013-present	Assistant Professor, Department of Economics, Carleton University, Ottawa, Canada. (Maternity leave April 2017 - April 2018)
2017-present	Research Fellow, The School of Public Policy, University of Calgary

EDUCATION

2013	PhD, Agricultural and Resource Economics, UC Berkeley
2003	M.Sc. Environmental and Resource Economics (Distinction) University College London, London, UK
2002	B.A. Economics (Highest Honors) Carleton University, Ottawa, Canada.

RESEARCH

Refereed Publications

"Utilities Included: Split Incentives in Commercial Electricity Contracts," (with Katrina Jessoe and David Rapson). Forthcoming, *The Energy Journal*

"Carbon Emissions and Business Cycles," (with H. Khan, C. Knittel and K. Metaxoglou), *Journal of Macroeconomics* [Lead Article], Volume 60, June 2019, Pages 1-19.

"Setting the Standard? Evaluating the Cost-Effectiveness of Building Energy Standards." 2017. *Energy Economics* 64: 63-76.

"Energy Efficiency Premiums in Unlabeled Office Buildings." 2017. *The Energy Journal* 38 (4): 195-212.

"Distributional Determinants of Household Air Pollution in China," (with K. Aunan and T. Berntsen). 2009. *Environment and Development Economics* 14: 621-639.

"An Economic Perspective on Experience Curves and Dynamic Economies in Renewable Energy Technologies." 2006. *Energy Policy* 34: 422-432.

Work in Progress

"Visualizing Energy Efficiency Information: A Randomized Controlled Intervention," with N. Rivers

"Big Data Meets Local Climate Policy: Washington D.C.'s Building Benchmarking Policy"

"Media Frenzies in Renewable Energy Technologies," with J. Brault and H. Khan

"Tenancy Contracts and the Business Cycle" with H. Khan

Costs in the U.S."

Conference Proceedings and Other Non-Refereed Papers

"Big Data Meets Local Climate Policy: Energy Star Time-of-Day Savings in Washington, D.C.'s Municipal Buildings," IAEE Energy Forum, Montreal Special Issue 2019 (invited short article)

"Managing R&D Risk in Renewable Energy" (with G. Rausser), in Proceedings, *Transition to a Bioeconomy: Risk, Infrastructure, and Industry Evolution*, 2008. B. English, R. J. Menard and K. Jensen, eds.

"China Needs to Become a Leading Partner In Efforts to 'Decarbonize Development' " IISD Commentary, February 2005

"Demand Side Management Incentives in Canada", with R. Peters. Pembina Institute, August 2004

POPULAR WRITING

"It's Time to Shift Our Perspective from 'Disaster Management' to Climate Resilience," The Hill Times Op-Ed, March 25, 2019

PRESENTATIONS

2019	Carleton Economics Brown Bag, Ottawa, Canada
2019	Behavior Energy and Climate Change Conference, Sacramento, California
2019	Empirical Methods in Energy Economics Workshop, Québec City
2019	International Association of Energy Economists Annual Conference, Montreal, Québec
2019	Behavioural Insights/Experimentation Works Network, Privy Council Office and Treasury Board
2019	Public lecture as part of an expert panel organized by the Royal Canadian Institute for Science and the Institute for Science, Society and Policy, University of Ottawa
2018	Annual Workshop on the Economics of Electricity Policy and Markets, Ivey Business School
2017	Visions for Canada 2042 conference, Ottawa, Canada
2016	Association of Environmental and Resource Economists, Breckenridge, CO
2016	Ontario Network for Sustainable Energy Policy
2015	Atelier de l'Environnement et des Ressources Naturelles, CIREQ (McGill)
2015	Canadian Resource and Environmental Economics Study Group, Université de Sherbrooke
2015	Association of Environmental and Resource Economists, San Diego, CA
2015	Carleton Sustainable Energy Research Center, Carleton University
2014	Canadian Resource and Environmental Economics Study Group, University of Saskatchewan
2014	University of British Columbia, Vancouver, B.C.
2014	Canadian Economic Association Annual Conference, Vancouver, B.C.

2014 3rd Canadian PhD and Early Career Workshop in Environmental Economics & Policy, Ottawa

2013 Canadian Resource and Environmental Economics Study Group, Brock University

2013 Western Economic Association International, Seattle, Washington

2012 Carleton University Department of Econonics, Ottawa Canada

2012 Association of Environmental and Resource Economists, Asheville, North Carolina

2012 Interdisciplinary PhD Workshop on Sustainable Development, Columbia University

2012 Environmental and Resource Economics Seminar, UC Berkeley

2011 Fisher Center, Haas School of Business, UC Berkeley

2009 Energy Biosciences Institute, UC Berkeley

2005 Sierra Legal Defense Fund, Vancouver, Canada

2004 Center for International Climate and Environmental Research, Oslo, Norway

REFEREE

Climatic Change, Ecological Economics, Energy Economics, Energy Efficiency, The Energy Journal, Energy Policy, Energy Research and Social Science, Environment and Development Economics, European Economic Review, Journal of Environmental Economics and Management, Journal of Macroeconomics, Journal of Public Economics, Review of European and Russian Affairs

FELLOWSHIPS AND GRANTS

2019-2020 Carleton Centre for a Carbon Free Future, Multidisciplinary Research Catalyst Fund, Carleton University (Team Member), $50,000

2019-2020 Workplace of the Future, Multidisciplinary Research Catalyst Fund, Carleton University (Team Member), $50,000

2019-2021 Enhancing the Effectiveness of Building Energy Codes, National Research Council (Principal Investigator), $104,566

2017-2019 Enhanced Customer Engagement for Energy Conservation, Natural Resources Canada Office of Energy Efficiency (Team Member), $392,000

2014-2016 IDG, Social Sciences and Humanities Research Council, $71,765 (with H. Khan, K. Metaxoglou, and C. Knittel)

2014-2015 Sustainable Prosperity, $8,005

2011-2012 Giannini Foundation (co-investigator with Prof. Peter Berck), $25,000

2011-2012 Fisher Center for Real Estate and Urban Economics, Haas School of Business, UC Berkeley, $12,000

2007-2009 Tuition Scholarship, UC Berkeley

2007-2011 Doctoral Fellowship, Social Sciences and Humanities Research Council, $80,000

SUPERVISION

2020-present Philippe Kabore, PhD committee member

2019-present Ekaterina Alekhanova, PhD supervisor

2019-present Kareman Yassin, PhD co-supervisor

2019-present Fabien Forge, PhD committee member

2019 Joshua Russell, Master's thesis in Public Policy, defence committee member (completed)

2019 Kevin McLean, Master's in Environmental Sustainability, U. of Ottawa, 2nd reader (completed)

2018 Soodeh Saberian, PhD committee member (completed)

2018 Roshanak Azarafshar, PhD committee member (completed)

2017 Aman Chahal, Master's thesis in Public Policy committee member (completed)

2016	Vincent Dufresne, Master's thesis in Public Policy defence committee member (completed)
2015	Mariana Toledo, Undergraduate honour's thesis supervisor (completed)
2014	Dylan Morgan, PhD defence committee member (completed)

UNIVERSITY SERVICE

2019-2020	Kroeger College Council
2016, 2019-2020	PhD field exam committee, environmental and natural resource economics
2018-2020	Hiring committee, Canada Research Chair (Tier II)
2018-2019	Hiring committee, empirical microeconomics
2018-2019	Course coordinator Econ 2020
2018	Tenure and promotion committee
2015	EURUS promotion committee
2013-2017	EURUS management committee, departmental representative

OTHER SERVICE

2016	Oxford University Press textbook review

PAST WORK EXPERIENCE

2005-2007	Policy Analyst, Natural Resources Canada, Ottawa, Canada
2004-2005	Research Assistant, Center for International Climate and Environmental Research Oslo, Norway
2004	Consultant (contract), Sheltair Group Resource Consultants, Vancouver, Canada

September 2019

CURRICULUM VITAE – *André PLOURDE*

EDUCATION

Ph.D. (Economics), University of British Columbia, 1985
title of thesis: "Modelling the Economic Implications of Offshore Oil: The Case of Hibernia"
supervisor: Professor John F. Helliwell;
M.A. (Economics), University of New Brunswick, 1979;
B.A. (Economics and Statistics), University of New Brunswick, 1978.

CURRENT POSITION (2011-2016; renewed, 2016-2021)

Professor, Department of Economics
and
Dean, Faculty of Public Affairs
Carleton University
D391 Loeb Building
1125 Colonel By Drive
Ottawa ON K1S 5B6

Phone: 613-520-2600 ext. 1858
Fax: 613-520-3742
e-mail: andre.plourde@carleton.ca

Carleton University's Faculty of Public Affairs is the academic home for more than 8200 full-time and part-time students, of which approximately 1200 are enrolled in graduate programs. There are 12 academic units in the Faculty, offering a wide range of undergraduate, Master's and PhD programs, including some that have been instrumental in establishing Carleton's reputation nationally and internationally (such as International Affairs, Journalism, and Public Policy and Administration). The faculty complement slightly exceeds 210 and their efforts are supported by some 55 professional services staff; about 200 contract instructors are hired each year. The annual budget of the Faculty is approximately $45 million.

EMPLOYMENT HISTORY

2004-13	Full Professor, Department of Economics, University of Alberta (on leave without pay, July 2011 to June 2013);
2003-04	Associate Assistant Deputy Minister, Energy Sector (EX-4 level; Acting Assistant Deputy Minister, Energy Sector – October 2003 to February 2004), Natural Resources Canada, Government of Canada;
2003-04	Full Professor, School of Business, University of Alberta (as of July 2003) [on leave without pay 2003-04];
2000-03	Associate Professor and EPCOR Professor of Energy Policy, School of Business, University of Alberta;
1998-2000	Associate Professor, Department of Economics and Faculty of Business, University of Alberta;
1998-2013	Fellow, Institute for Public Economics, University of Alberta;

1997-98 Director (EX-3 level), Economic Studies and Policy Analysis, Department of Finance, Government of Canada;
1990-98 Associate Professor, Department of Economics, University of Ottawa (on leave without pay 1997-98);
1990-98 Member, Institute for Research on the Environment and the Economy, University of Ottawa;
1988-98 Member, School of Graduate Studies and Research, University of Ottawa;
1987-90 Assistant Professor, Department of Economics, University of Ottawa (tenure granted as of July 1, 1989);
1983-2000 Research Associate, Institute for Policy Analysis, University of Toronto;
1983-87 Assistant Professor, Department of Economics, University of Toronto.

HONOURS

Professor Emeritus, University of Alberta, 2013;
Listed in *Canadian Who's Who*, since 2009;
Teacher of the Year Award (jointly with Professor D. Jobson), First-Year MBA Students, Faculty of Business, University of Alberta, 1999-2000;
Teacher of the Year Award, First-Year MBA Students, Faculty of Business, University of Alberta, 1998-99;
APUS-SAC Award for Excellence in Undergraduate Teaching (Social Sciences), University of Toronto, 1985-86.

PROFESSIONAL DEVELOPMENT *(selected list; since 2013)*

2019 Academic Negotiations workshop, Faculty Bargaining Services (FBS), Canadian Association of University Business Officers (CAUBO), Halifax, April;
2019 Bargaining Planning and Drafting Skills, FBS / CAUBO, Vancouver, January;
2018 Emerging Issues in University Governance and Academic Administration, Hicks Morley Hamilton Stewart Storie LLP (Hicks Morley), Toronto, May;
2016 Preparing for Principled Negotiations, FBS / CAUBO, Ottawa, May;
2016 Accommodation training workshop, Hicks Morley, Toronto, March;
2013 Senior University Administrators Course, Centre for Higher Education Research and Development (University of Manitoba), Banff, June.

PRINCIPAL ADMINISTRATIVE DUTIES – CARLETON UNIVERSITY

2019- Chief spokesperson, Carleton Bargaining Team, collective agreement negotiations with Contract Instructors (CUPE 4600, unit 2) (also in 2016-17);
2019- Co-Chair, Working Group on Enhancing Undergraduate Student Success in the Classroom;

2019 Member, Advisory Search Committee, Dean of the Faculty of Graduate and Postdoctoral Affairs;
2018- Co-Chair, Joint Sub-committee on Teaching Evaluation;
2018-19 University member, Joint Committee on the Administration of the Agreement (JCAA) with Carleton University Academic Staff Association (CUASA);
2017-18 Member, Carleton Bargaining Team, collective agreement negotiations with CUASA (also in 2014);
2016- University representative, JCAA with CUPE 4600 (unit 2);
2016- Member, Strategic Transformation Group, Retention and Graduation Rates;
2015- Member, Carleton CFI IF Letter of Intent Review Committee (and predecessors);
2015-18 Member, Senior Human Resources Advisory Committee;
2014-15 Member, Development Committee, Carleton University Institute for the Ethics of Research with Indigenous Peoples (CUIERIP);
2014-15 Member, Advisory Search Committee, Dean of the Faculty of Arts and Social Sciences (again in 2017-18);
2014 Member, Advisory Search Committee, Executive Director – Advancement;
2013-14 Chair, Working Group on Online Learning (reported in February);
2012 Chair, Provost's Advisory Group on the Expansion of Online Learning (reported in December);
2011-17 Member, Task Force on Aboriginal Affairs (now known as Indigenous Education Council);
2011- Member, Advisory Group, Clayton H. Riddell Graduate Program in Political Management.

PRINCIPAL ADMINISTRATIVE DUTIES – UNIVERSITY OF ALBERTA

2011 Elected member, Executive Committee of General Faculties Council;
2010-11 Associate Dean (Research), Faculty of Arts;
2010-11 Member, Joint Committee on University Planning and Budgets (AASUA representative);
2010-11 Member, Board of Directors, Canadian Studies Institute, Campus Saint-Jean;
2008 Member, Unit Review Team, Campus Saint-Jean;
2007-09 Board of Directors, Alberta Gaming Research Institute;
2007-08 Chair, Chairs' Council Executive;
2006-08 Elected member, Chairs' Council Executive and President's Advisory Committee of Chairs;
2005-09 Chair, Hiring Committee, Department of Economics (2005; 2005-06; 2006-07; 2007-08; 2008-09);
2005-06 Elected member, Advisory Search Committee for Vice President (External Relations);
2005-06 External member, Hiring Committee, Department of Marketing, Business Economics and Law (School of Business);
2004-09 Member, Board of Directors, Institute of Health Economics;

2004-09 Chair, Department of Economics;
2003 Member, Canada Graduate Scholarships – Master's Competition Committee, Faculty of Graduate Studies and Research (FGSR);
2003 Coach, The University of Alberta School of Business team, 2003 John Molson MBA International Case Competition, Concordia University, Montréal (January);
2002-03 Associate Director, Canadian Building Energy End-use Data and Analysis Centre, Department of Economics / School of Business;
2001-08 Invited participant, University of Alberta Expert Forum (annual event);
2000-03 Member, Scholarship Committee, FGSR;
2000-02 Associate Dean, MBA Programs, School of Business;
2000-02 Member, Selection Committee, Canadian Business Leader Award.

PRINCIPAL ADMINISTRATIVE DUTIES – UNIVERSITY OF OTTAWA

1997 Member, Selection Committee, Young Researcher Award;
1996-97 Chair, Support Committee for "Career Vision", an initiative of the HSSFC, financed by Human Resources Development Canada;
1996 Co-Chair, United Way Campaign, Faculty of Social Sciences (also in 1994);
1994-95 Supervisor of Ph.D. Studies, Department of Economics;
1994-97 Secretary, Membership Committee, School of Graduate Studies and Research (1994-96; 1996-97);
1992-97 Chair, Department of Economics (1992-95; 1995-97);
1992-94 Member, University Research Committee;
1991-93 Member, Committee on Employment and Educational Equity;
1990-97 Director, Discussion Paper Series, Faculty of Social Sciences.
1989-91 Chair, Recruitment Committee, Dept. of Economics (1989-90; 1990-91).

SCHOLARLY AND PROFESSIONAL ACTIVITIES

Principal contributions

2016 Chair, Partnership Grants Adjudication Committee, Social Sciences and Humanities Research Council (SSHRC) (also in 2014);
2016 Presidential Advisor, United States Association for Energy Economics (USAEE);
2015 Chair, Merit Review Panel Knowledge Synthesis Grants – Energy and Natural Resources, SSHRC;
2014-15 Chair, Expert Review Panel, Trottier Energy Futures Project, a joint venture of the David Suzuki Foundation and the Canadian Academy of Engineering;
2011 Chair, Committee of Observers, Standard Research Grant Competition, SSHRC, February-March;
2010 Chair, Expert Panel – Evaluation of the Standard Research Grant and Research Development Initiative Programs, SSHRC, February-May;

2009-10 Member, Expert Panel on the Environmental and Health Impacts of Canada's Oil Sands Industry, Royal Society of Canada (September 2009 to December 2010);

2007 Member, Royalty Review Panel, appointed by the Minister of Finance to assess the royalty and tax system applicable to Alberta's oil and gas production sector, Government of Alberta;

2007 President, IAEE (President-elect, September-December 2006; Immediate Past President, 2008; Past President, 2009);

2006 Chair, Multidisciplinary Assessment Committee #1, New Initiatives Fund, Canada Foundation for Innovation (CFI);

2005-08 Appointed member, Energy Sector Sustainability Table, an Environment Canada initiative;

2005-07 Chair, Adjudication Committee, Major Collaborative Research Initiatives (MCRI) program, SSHRC (April and November 2005; April and November 2006; April and November 2007);

2002-03 Chair, Peer Evaluation Committee, Initiative on the New Economy, Development and Outreach Grants, SSHRC (January 2002, May 2002, and February 2003);

2001-03 Appointed member, Environmental Protection Advisory Committee, Minister of the Environment, Government of Alberta;

2000 Chair, Multidisciplinary Assessment Committee #2, CFI;

1994 Chair, Task Force on Economic Instruments and Disincentives to Sound Environmental Practices, an initiative of the federal Ministers of Finance and of the Environment;

Additional activities

2017- Member, Governing Council, Efficiency Canada – the national voice for an energy efficient economy (Carleton University representative);

2017-19 Member, Highly Skilled Workforce Steering Committee, Ontario Council of Academic Vice-Presidents, Council of Ontario Universities;

2017 External reviewer, Faculty of Information and Media Studies, Western University, London ON;

2017 Member, Multidisciplinary Assessment Committee #7, Innovation Fund 2017 competition, CFI;

2016 Invited testimony, Standing Committee on Natural Resources, House of Commons, May 9;

2016 Member, Best Paper Selection Committee, *The Energy Journal* (also in 2015, 2014);

2015 External reviewer, promotion to Full Professor, University of Ottawa;

2015 External reviewer, tenure and promotion to Associate Professor, Nanyang Technological University, Singapore;

2014 Invited testimony, Committee on Foreign Affairs and International Trade, Senate of Canada, October 1;

2013 External member, Campus Saint-Jean Presidential Review Committee, University of Alberta, November;

2013	Local organizer and Member, Program Committee, 5th international workshop on Empirical Methods in Energy Economics, July;
2012	Member, Multidisciplinary Assessment Committee, LEF/NIF competition, CFI;
2012	Member, Awards Committee, International Association for Energy Economics (IAEE);
2010-11	Representative of the University of Alberta, Canadian Federation of Humanities and Social Sciences (CFHSS; from December 2010);
2010	Member, Program Committee, World Congress of Environmental and Resource Economists, Montréal, June-July;
2009	Visiting scholar, Division of Economics and Business, Colorado School of Mines, Golden CO (November);
2009	Invited testimony, House of Commons Standing Committee on Environment and Sustainable Development, Parliament of Canada, Ottawa, November 26;
2009	External evaluator, Tenure and Promotion (to Associate Professor), College of Humanities and Social Sciences, Nanyang Technological University, Singapore;
2009	External evaluator, Promotion (to Full Professor), Department of Economics, Hobart and William Smith Colleges, Geneva, NY;
2009	Chair, Nominations Committee, IAEE;
2009	Consultant, Atlantic Canada Opportunities Agency (also in 2008);
2009	Consultant, Government of the Northwest Territories;
2009	External evaluator, Promotion (to Full professor), Rotman School of Management, University of Toronto;
2009	External assessor, Undergraduate programs in Economics, Université Laval;
2009	Invited testimony, House of Commons Standing Committee on Foreign Affairs and International Relations, Parliament of Canada, Ottawa, February 25;
2008	Member, Nominations Committee; Chair, Awards Committee, IAEE;
2008	Treasurer, Economics Society of Northern Alberta;
2008	Member, Multidisciplinary assessment committee, Exceptional Opportunities Fund, Canada Foundation for Innovation (CFI);
2007-09	Academic Director, Centre for Regulatory Affairs, Van Horne Institute, Calgary;
2007	External assessor, Tenure and promotion decision, Department of Economics, University of North Carolina – Charlotte;
2006	Member, Program Committee, 27th Annual International Conference of the IAEE, Berlin;
2006	Consultant, Environment Canada;
2006	Member, Awards Committees for both IAEE and United States Association for Energy Economics (USAEE);
2006-09	Member, Advisory Committee for the Evaluation Framework of the Initiative on the New Economy, SSHRC;

2005-07	Member, Executive Board, Economics Society of Northern Alberta (2005-06; 2006-07);
2005	Consultant, Expert Panel of Equalization and Territorial Formula Financing, Department of Finance, Government of Canada;
2005	External referee, Tenure and Promotion, School of Public Administration, University of Victoria;
2004	Consultant, Natural Resources Canada (also in 2007);
2005	Member, Program Committee, 25th Annual North American conference of the USAEE/IAEE, Denver, September;
2005	Member, Program Committee, 26th Annual International Conference of the IAEE, Taipei (Taiwan), June;
2004-06	Appointed member, Energy Aggregation Advisory Committee, Alberta Urban Municipalities Association (AUMA) (2004-05; re-appointed 2005-06);
2004	External assessor, Promotion to Professor, Center for Energy Studies (Office of the Vice Chancellor), Louisiana State University;
2004	Member, Program Committee, 24th Annual North American Conference of the USAEE/IAEE, Washington, July;
2004	Member, Nominations Committee, USAEE (also in 2005);
2004	Appointed member, President's Advisory Board, USAEE;
2004-06	Member, Editorial Board, *Energy Studies Review*;
2003	General Conference Co-chair (with A. Sieminski & J.G. Santalo), 23rd North American Conference of the USAEE/IAEE, Mexico City, October;
2003-04	Vice President and Treasurer, IAEE (re-elected 2005-2006);
2003	Member, Program Committee, 25th Annual International Conference of the IAEE, Prague (June 2003);
2002-03	Consultant, Munk Centre for International Studies (University of Toronto) – joint work with researchers at Instituto Nacional de Investigaciones Economicas, Havana (Cuba);
2002-03	Consultant, Natural Resources Canada;
2002	Member, Program Committee, 22nd Annual North American Conference of the USAEE/IAEE, Vancouver, October;
2001	Chair/Rapporteur, International Meeting on Clean Energy, Calgary (organized by Natural Resources Canada as part of the follow-up work on the Kyoto Protocol agreed to at CoP 6bis in Bonn);
2001-03	Instructor, Senior & Executive Managers' Development Program, Centre for Executive and Management Development, School of Business, University of Alberta;
2001-02	Member, Experts Advisory Group, Analysis and Modelling Group, Canada's Implementation Strategy for the Kyoto Protocol;
2001	Appointed member, President's Advisory Board, USAEE;
2001	Member, Program Committee, 24th Annual International Conference of the IAEE, Houston, April;

2000	Consultant, Munk Centre for International Studies (University of Toronto) – materials prepared and course on energy and the environment delivered in Havana (Cuba);
2000	Member, Program Committee, 21st Annual North American Conference of the USAEE/IAEE, Philadelphia, September;
2000	External referee, Tenure and Promotion, School of Management, University of Alaska – Fairbanks;
2000	Vice-President (Conferences), USAEE;
2000	External referee, Tenure Decision, Faculty of Social Sciences, University of Calgary;
2000	Member, Joint Infrastructure Fund Assessment Panel, Economic and Social Research Council (United Kingdom);
2000	Referee, CFI – New Opportunities Mechanism (also 1999; 2005);
1999-2000	Consultant, Office of the Auditor General of Canada (also in 1989; 1992);
1999-2000	Consultant, Competition Bureau of Canada;
1999	Invited participant, Colloquium on Government Support for Energy Investments, Office of the Auditor-General of Canada;
1999	Consultant, Analysis and Modelling Group, Canada's Implementation Strategy for the Kyoto Protocol;
1999	Member, Program Committee, 20th Annual North American Conference of the USAEE/IAEE, Orlando, August-September;
1999	Member, Multi-Disciplinary Assessment Committee, CFI;
1998	Member, Committee for Institutional Innovation Fund and Regional/National Facilities of less than $350,000, CFI;
1998-03	Member, National Advisory Council on Energy Efficiency, Office of Energy Efficiency, Natural Resources Canada;
1998	External evaluator, Institut d'économie appliquée, École des Hautes Études Commerciales, Université de Montréal;
1998	Member, Sous-comité d'évaluation projet pilote sur l'édition électronique des revues de recherche, Fonds pour la formation des chercheurs et l'aide à la recherche (FCAR), Québec;
1997	Consultant, Department of External Affairs, Government of Canada – materials prepared and course on promoting investment in Canada delivered in Parma (Italy);
1996-98	Program Committee Chair and Member of Organizing Committee, 21st International Conference of the IAEE, Québec, May 1998;
1996-97	Member, Comité de programme "Revues de recherche et de transfert des connaissances", Fonds FCAR; also served in 1993-94;
1996	Facilitator, Round-table discussion on "National Response to Climate Challenges", an initiative of the federal Ministers of Natural Resources and of the Environment, Ottawa, November;
1996-97	Member, Canadian Council for UNESCO (representative of the CFHSS);
1996-06	President, Canadian Chapter, IAEE;

1996	Organization of conference: "L'Ontario français, valeur ajoutée?", for the Centre de recherche en civilisation canadienne-française, University of Ottawa (jointly with Professor Anne Gilbert, Department of Geography);
1995	Invited testimony, Standing Committee of the House of Commons on Environment and Sustainable Development (November 29);
1995	Organization of conference: "Economies in Transition: The Asia-Pacific Region", for the Faculties of Arts and of Social Sciences, University of Ottawa;
1995	Member, Selection Committee, Canadian Association for Graduate Studies Distinguished Dissertation Award;
1995-96	President, Ottawa chapter of the IAEE;
1994-97	Member, Doctoral Fellowships Committee, SSHRC (also member, Doctoral Fellowships Review Committee, 1994-95); Chair, Committee 5, Doctoral Fellowships Committee (Chair, Doctoral Fellowships Review Committee), 1995-96 and 1996-97;
1994	Invited testimony, Standing Committee of the House of Commons on Finance (December 1);
1994	Invited presentation, New Brunswick Roundtable on the Environment;
1994	Editor, *Energy Studies Review*;
1994	Consultant, Hydro-Québec;
1993-94	Moderator, Canadian Emissions Modelling Forum, a federal-provincial initiative managed by Natural Resources Canada;
1993-96	Representative of the University of Ottawa, Social Science Federation of Canada (SSFC);
1993	Visiting Scholar, Department of Economics, University of Alberta (June to August);
1993	Consultant, Industry, Science and Technology Canada;
1993	External referee, Tenure and Promotion, Institut d'économie appliquée, École des Hautes Études Commerciales, Université de Montréal;
1993	Moderator, "Export Impact Assessment (EIA) Workshop", National Energy Board, Calgary, April;
1993	Moderator, "Incentive Regulation Workshop" (sessions on "Degree of Competition and Market Power" and "Effectiveness of Cost of Service Regulation"), National Energy Board, Calgary, January;
1992-96	Representative of the Canadian Economics Association, SSFC;
1992	Visiting Scholar, Dept. of Economics, Un. of Alberta (May to August);
1992	External referee, Tenure and Promotion, Département de science politique, Université de Montréal;
1992	Chair, Evaluation Panel, Ontario Graduate Scholarship Program;
1991-92	Member, Nominations Committee, IAEE;
1991-94	Member, Board of Directors, Société canadienne de science économique;
1991-	Member, Board of Editors, *The Energy Journal*;
1991	Invited testimony, Standing Committee of the Senate on Energy, the Environment and Natural Resources, Senate of Canada (January 28);

1991 Member, Ad Hoc Committee on Distribution, IAEE;
1991 Member, Evaluation Panel, Ontario Graduate Scholarship Program;
1991 Consultant, Energy, Mines and Resources Canada;
1991 External Referee / Site Visitor, research project in the "Actions structurantes" program, Fonds FCAR;
1990 Program Committee Chair, 12th annual North American conference of the USAEE/IAEE, Ottawa;
1990 Consultant, Royal Commission on National Passenger Transportation;
1990- Referee, Fonds FCAR (1990, 1992, 1993, 1994, 1995, 1996; 1998);
1990-94 Associate Editor, *Energy Studies Review*;
1989-90 Member, Editorial Board, *Energy Studies Review*;
1988 Organization of conference: "Energy and the Environment: Linking Concepts to Applications" for the Ottawa chapter of the IAEE;
1988-95 Member, Executive Committee of the Ottawa chapter of the IAEE;
1987-88 Member, Socio-Economic Group and Consultant, *Energy and Canadians into the 21st Century - A Report on the Energy Options Process*, Energy, Mines and Resources Canada;
1986 Academic visitor, Department of Economics, University of Dar-es-Salaam, Tanzania (December);
1986 Organization of conference: "Natural Gas Deregulation in Canada: Issues, Problems, and Perspectives" for the Institute for Policy Analysis, University of Toronto and the Ontario Energy Board;
1986- Referee, SSHRCC (1986, 1987, 1989, 1990, 1992, 1993, 1994, 1995, 1996, 1997, 1999, 2000, 2007, 2009);
1985- Referee, *L'Actualité économique*, *Alternatives*, *Arctic,* Canadian Donner Foundation, *Canadian Journal of Development Studies*, *Canadian Journal of Economics*, *Canadian Public Policy - Analyse de Politiques*, *Canadian Tax Journal*, C.D. Howe Institute, Council of Canadian Academies, *Eastern Economic Journal*, *Empirical Economics, Energy Economics, The Energy Journal*, *Energy Policy*, *Energy Studies Review*, *Futures, International Review of Economics and Finance*, *Journal of Canadian Studies, Journal of Comparative Policy Analysis, Journal of Economics and Business*, *Journal of Environmental Economics and Management*, Mitacs, School of Public Policy (University of Calgary).

SUPERVISION OF GRADUATE STUDENTS

Career numbers: 18 MAs, 46 MBAs, 2 PhDs
External examiner:
M.Sc. paper (F. Mainville), Département de science politique, Université de Montréal, 1991;
Ph.D. thesis (J.O. Kalu), Political Science and Public Policy, University of Waikato (New Zealand), 2015;
Ph.D. thesis (N. Rivers), Faculty of Environment, Simon Fraser University, 2011;
Ph.D. thesis (A.K. Moghadam), Department of Economics, University of Guelph, 2008;
Ph.D. thesis (L. Shiell), Department of Economics, University of Toronto, 1997;
Ph.D. thesis (S. Gordon), Department of Economics, University of Toronto, 1990.

RESEARCH FUNDING

2008	Centre for Applied Business Research on Energy and the Environment (CABREE), School of Business, Un. of Alberta, $12 500, research;
2003-04	Office of Energy Efficiency (Natural Resources Canada), with D. Ryan (Un. of Alberta), $150 000, research contribution (Canadian Building Energy End-use Data and Analysis Centre - CBEEDAC) – grant attributed prior to my joining Natural Resources Canada;
2002-03	Office of Energy Efficiency (Natural Resources Canada), with D. Ryan (Un. of Alberta), $150 000, research contribution (CBEEDAC);
2002	Office of Energy Efficiency (Natural Resources Canada), with D. Ryan (Un. of Alberta), $50 000, research contribution (set-up funding for CBEEDAC);
2000	CIBS/WCER, Faculty of Business, University of Alberta, with D. Ryan, $3 500, research;
1995	University of Ottawa, $6 150, research;
1992	University of Ottawa, $750, travel;
1991-95	SSHRC, with D. Ryan and D. Young (Un. of Alberta), $13 000 (annually), research;
1991	University of Ottawa, with C. LaCasse, J. Silva-Echenique, N.V. Quyen, $5 380, research;
1991	University of Ottawa, $1 250, travel;
1990	University of Ottawa, $2 690, research;
1989-90	Ontario Ministry of Energy, $8 500, research;
1989-91	SSHRC, with D. Ryan (Un. of Alberta), $11 800 (annually), research;
1988-89	Ontario Ministry of Energy, $12 000, research;
1987	University of Ottawa, $2 500, equipment purchase;
1986-87	Canadian Tax Foundation, with J.F. Helliwell (Un. of British Columbia), M.E. MacGregor (Un. of Toronto), R.N. McRae (Un. of Calgary), $33 000, research & publication;
1986-87	Ontario Ministry of Energy, jointly with D.P. Dungan and M.E. MacGregor (Un. of Toronto), $75 000, research.

PUBLICATIONS

1) Summary according to the following categories:

Books authored	*2*
Conference proceedings edited	*6*
Special issues of journals edited	*2*
Chapters in books	*11*
Papers in refereed journals	*29*
Papers in conference proceedings	*14*
Other refereed publications	*3*

2) Details for publications:

A - Books authored:

2. John F. Helliwell, Mary E. MacGregor, Robert N. McRae, André Plourde, *Oil and Gas in Canada - The Effects of Domestic Policies and World Events*. Toronto: Canadian Tax Foundation, 1989, pp. xviii + 340.

1. Paul Halpern, André Plourde, Leonard Waverman, *Petro-Canada: Its Role, Control and Operations*. Ottawa: Economic Council of Canada, 1988, pp. xiii + 140 (une version française a paru sous le titre, *Pétro-Canada : Rôle, contrôle et exploitation*, pp. xi + 136).

B - Conference proceedings edited:

6. Jan Myslivec, Ivan Benes, Anthony Owen, André Plourde (editors), *New Challenges for Energy Decision Makers*. Proceedings of the 26th International Conference of the International Association for Energy Economics. Cleveland: IAEE, 2003; on CD-ROM.

5. Michelle Michot Foss, Gurcan Gulen, Omuwumi Iledare, André Plourde (editors), *2001: An Energy Odyssey?* Proceedings of the 24th International Conference of the International Association for Energy Economics. Cleveland: IAEE, 2001; on CD-ROM.

4. André Plourde (editor), *Experimenting with Freer Energy Markets: Lessons from the Last 20 Years and Prospects for the Future*, 2 volumes. Proceedings of the 21st International Conference of the International Association for Energy Economics. Cleveland: IAEE, 1998, volume 1: pp. xii + 486; volume 2: pp. xii + 550 ("Editor's Preface" by A. Plourde, p. xi of both volumes).

3. André Plourde (editor), *Economies in Transition: The Asia-Pacific Region.* Proceedings of a symposium. Ottawa: Faculty of Arts and Faculty of Social Sciences, University of Ottawa, 1997, pp. xi + 172 ("Introduction" by A. Plourde, pp. vi-ix).

2. Anne Gilbert, André Plourde, *L'Ontario français, valeur ajoutée?* Actes du colloque. Ottawa: Centre de recherche en civilisation canadienne-française de l'Université d'Ottawa, 1996, pp. 128 ("Introduction" by A. Plourde, pp. 7-8; "De l'avis des participants" by A. Gilbert and A. Plourde, pp. 115-121).

1. André Plourde (editor), *Energy Supply/Demand Balances: Options and Costs*. Proceedings of the 12th North American Conference of the International Association for Energy Economics. Washington: IAEE, 1990, pp. xii + 449. ("Editor's Preface", pp. x-xi).

C - Special issues of journals edited:

2. Patrick Criqui, Mel Kliman, André Plourde (editors), *ESR / IEPE Co-Edition 1994: The First Oil Shock - 20 Years Later*. Vol. 6, No. 1 of *Energy Studies Review*. Hamilton: McMaster Institute for Energy Studies, 1994. ("Introduction" by the editors, pp. ii-iv.)

1. Dominique Finon, Mel Kliman, André Plourde (editors), *ESR / IEPE Co-Edition 1991-1992: Petroleum Markets After the Gulf Crisis*. Vol. 3, no. 3 of *Energy Studies Review*. Hamilton: McMaster Institute for Energy Studies, 1991. ("Introduction" by the editors, pp. iii-v).

D - Chapters in books

11. André Plourde, "Chapter 5 – Canada", in *Oil & Gas in Federal Systems*, G. Anderson, ed. Oxford University Press: Don Mills ON, 2012, pp. 88-120.

10. David L. Ryan, André Plourde, "Empirical Modelling of Energy Demand", in *International Handbook on the Economics of Energy*, J. Evans and L. Hunt, eds. Edward Elgar: Cheltenham UK, 2009, pp. 112-143.

9. David L. Ryan, André Plourde, "A Systems Approach to Modelling Asymmetric Demand Responses to Energy Price Changes", in *Functional Structure Inference,* W.A Barnett and A. Serletis, eds. Elsevier: London, 2007, pp. 183-224.

8. Terry Daniel, Joseph Doucet, André Plourde, "Electricity Industry Restructuring: The Alberta Experience", in *Electric Choices: Deregulation and the Future of Electric Power*, A.N. Kleit, ed., Lanham MD: Rowman & Littlefield, 2007, pp. 91-112.

7. André Plourde, "Offshore Energy Revenues and Equalization: Having Your Cake and Eating It Too?", in *How Ottawa Spends, 2006-07*, G.B. Doern, ed., Montreal: McGill-Queen's University Press, 2006, pp. 50-72.

6. André Plourde, "The Changing Nature of National and Continental Energy Markets", in *Canadian Energy Policy and the Struggle for Sustainable Development Era*, G.B. Doern, ed., Toronto: University of Toronto Press, 2005, pp. 51-82.

5. André Plourde, Bradford Reid, "Natural Resource Revenues and the Alberta Budget", in *Alberta's Volatile Government Revenues: Policies for the Long Run*, L.S. Wilson, ed., Edmonton: Institute for Public Economics, University of Alberta, 2002, pp. 3-24.

4. André Plourde, "Comment on the Acheson and Ferris Paper", in *Welfare, Property Rights and Economic Policy - Essays and Tributes in Honour of H. Scott Gordon*, T.K. Rymes, ed., Ottawa: Carleton University Press, 1991, pp. 65-69.

3. André Plourde, Leonard Waverman, "Canadian Energy Trade: The Past and the Future", in *Petro Markets: Probing the Economics of Continental Energy*, G.C. Watkins, ed., Vancouver: The Fraser Institute, 1989, pp. 141-180.

2. André Plourde, "Oil Import Charges and the Canada-U.S. Free-Trade Agreement", in *Trade-offs on Free Trade: The Canada-U.S. Free-Trade Agreement*, M. Gold and D. Leyton-Brown, eds., Toronto: Carswell, 1988, pp. 233-240.

1. John F. Helliwell, Robert N. McRae, Paul Boothe, Ardo Hansson, Michael Margolick, Tim Padmore, André Plourde, Reg Plummer, "Energy and the National Economy: An Overview of the MACE Model", in *Progress in Natural Resource Economics*, A.D. Scott, ed., Oxford: Clarendon Press, 1985, pp. 17-85.

***E - Papers in refereed journals**:*

29. Valentina Galvani, André Plourde, "Spanning with Futures Contracts", *Quarterly Review of Economics and Finance*, Vol. 53, no. 1, 2013, pp. 61-72.

28. André Plourde, "On Properties of Royalty and Tax Regimes in Alberta's Oil Sands", *Energy Policy*, Vol. 38, no. 8, 2010, pp. 4652-4662.

27. Valentina Galvani, André Plourde, "Portfolio Diversification in Energy Markets", *Energy Economics*, Vol. 32, no. 2, 2010, pp. 257-268.

26. André Plourde, "Oil Sands Royalties and Taxes in Alberta: An Assessment of Key Developments since the mid-1990s", *The Energy Journal*, Vol. 30, no. 1, 2009, 111-139 (Presidential article).

25. David L. Ryan, André Plourde, "Smaller and Smaller? The Price Responsiveness of Non-Transport Oil Demand", *Quarterly Review of Economics and Finance*, Vol. 42, no. 2, 2002, pp. 285-317.

24. Terry E. Daniel, Richard Hyndman, Michael Loenen, André Plourde, "Un beau risque? La libéralisation des marchés de l'électricité en Alberta", *Gestion, Revue internationale de gestion*, Vol. 25, no. 1, 2000, pp. 60-65.

23. André Plourde, G.C. Watkins, "Crude Oil Prices between 1985 and 1994: How Volatile in Comparison to Other Commodities?", *Resource and Energy Economics*, Vol. 20, no. 3, 1998, pp. 245-262.

22. André Plourde, David L. Ryan, "Government Policy and Access to Natural Gas Service in Canada", *Canadian Public Policy - Analyse de Politiques*, Vol. 21, no. 3, 1995, pp. 304-316.

21. Chantale LaCasse, André Plourde, "On the Renewal of Concern for the Security of Oil Supply", *The Energy Journal*, Vol. 16, no. 2, 1995, pp. 1-23.

20. André Plourde, G.C. Watkins, "How Volatile Are Crude Oil Prices?", *OPEC Review*, Vol. 18, no. 4, 1994, pp. 431-444.

19. André Plourde, "Natural Gas Trade in North America: Building Up to the NAFTA", *The Energy Journal*, Vol. 14, no. 3, 1993, pp. 51-73.

18. André Plourde, "Directions for Canadian Energy Policy in the Medium Term", *Energy Studies Review*, Vol. 3, no. 1, 1991, pp. 61-75.

17. André Plourde, "The NEP [National Energy Program] Meets the FTA [Free-Trade Agreement]", *Canadian Public Policy - Analyse de Politiques*, Vol. 17, no. 1, 1991, pp. 14-24.

16. André Plourde, "Canada's International Obligations in Energy and the Free-Trade Agreement with the United States", *Journal of World Trade*, Vol. 24, no. 5, 1990, pp. 35-56.

15. André Plourde, "Les enjeux de la politique énergétique canadienne des années quatre-vingt", *L'Actualité économique*, Vol. 66, no. 4, 1990, pp. 383-402.

14. André Plourde, "Canadian Fiscal Systems for Oil and Gas: An Overview of the Last Two Decades", *Energy Studies Review*, Vol. 1, no. 1, 1989, pp. 1-15.

13. André Plourde, "On Aspects of Oil and Gas Trade [under the Free-trade Agreement]", *The Energy Journal*, Vol. 9, no. 4, 1988, pp. 107-110.

12. Nguyuru Lipumba, Benno Ndulu, Sue Horton, André Plourde, "A Supply Constrained Macroeconometric Model of Tanzania", *Economic Modelling*, Vol. 5, no. 4, 1988, pp. 354-376.

11. John F. Helliwell, Mary E. MacGregor, Robert N. McRae, André Plourde, "Canadian Oil and Gas Taxation", *Osgoode Hall Law Journal*, Vol. 26, no. 3, 1988, pp. 453-494.

10. James E. Pesando, André Plourde, "The October 1979 Change in U.S. Monetary Policy: Its Impact on the Forecastability of Canadian Interest Rates", *Journal of Finance*, Vol. 43, no. 1, 1988, pp. 217-239.

9. John F. Helliwell, Mary E. MacGregor, Robert N. McRae, André Plourde, Alan Chung, "Supply-oriented Macroeconomics: The MACE Model of Canada", *Economic Modelling*, Vol. 4, no. 3, 1987, pp. 318-340.

8. André Plourde, "The Impact of $(US) 15 Oil on the Canadian Economy: Evidence from the MACE Model", *Canadian Public Policy - Analyse de Politiques*, Vol. 13, no. 1, 1987, pp. 19-25.

7. André Plourde, "On the Role and Status of Canadian Natural Gas Carriers under Deregulation", *Journal of Energy and Development*, Vol. 13, no. 1, 1987, pp. 1-25.

6. John F. Helliwell, Mary E. MacGregor, Robert N. McRae, André Plourde, "The Western Accord and Lower World Oil Prices", *Canadian Public Policy - Analyse de Politiques*, Vol. 12, no. 2, 1986, pp. 341-355.

5. André Plourde, David L. Ryan, "On the Use of Double-Log Forms in Energy Demand Analysis", *The Energy Journal*, Vol. 6, no. 4, 1985, pp. 105-113.

4. John F. Helliwell, Mary E. MacGregor, Robert N. McRae, André Plourde, "Energy Deregulation and Uncertain World Oil Prices - What Are the Connections?", *Canadian Public Policy - Analyse de Politiques*, Vol. 11 (Supplement), 1985, pp. 479-491.

3. John F. Helliwell, Mary E. MacGregor, André Plourde, "Changes in Canadian Energy Demand, Supply and Policies", *Natural Resources Journal*, Vol. 24, no. 2, 1984, pp. 297-324.

2. John F. Helliwell, Mary E. MacGregor, André Plourde, "Energy Policy and Industry Activity: A Reply", *Canadian Public Policy - Analyse de Politiques*, Vol. 10, no. 4, 1984, pp. 476-480.

1. John F. Helliwell, Mary E. MacGregor, André Plourde, "The National Energy Program Meets Falling World Oil Prices", *Canadian Public Policy - Analyse de Politiques*, Vol. 9, no. 3, 1983, pp. 284-296.

F - Papers in conference proceedings*:*

14. André Plourde, "Carbon Taxes and Financial Incentives for Greenhouse Gas Emissions Reductions in Alberta's Oil Sands", Proceedings of the 31st USAEE/IAEE North American conference, Austin, 2012, available online, 22 pp.

13. André Plourde, "Developing Alberta's Oil Sands: Who Bears the Risk?", Proceedings of the 28th USAEE/IAEE North American conference, New Orleans, 2008, available online, 18 pp.
12. David L. Ryan and André Plourde, "Modelling Sluggish Price Responses in Energy Demand Models: A Critical Evaluation of Alternative Specifications", Proceedings of the 6th IAEE European Conference, Zurich, 2004,CD-ROM, 22 pages.

11. David L. Ryan, Denise Young, André Plourde, "Changing Panes / Changing Pains: The Determinants of Commercial Retrofit Decisions in Canada", Proceedings of the 25th North American Conference of the USAEE. Cleveland: USAEE, 2004, CD-ROM, 10 pages.

10. David L. Ryan, André Plourde, "The Heat Is On: The Changing Role of Weather on Residential Energy Demand", in *New Challenges for Energy Decision Makers,* J. Myslivec, *et al.* (eds.), Proceedings of the 26th International Conference of the IAEE, Cleveland: IAEE, 2003, CD-ROM, 10 pages.

9. David L. Ryan, André Plourde, "Thanks for the Memories: Oil Price Decompositions and Energy Demand Asymmetries", in *Innovation and Maturity in Energy Markets: Experience and Prospects,* A.G. Kemp (ed.), Proceedings of the 25th International Conference of the IAEE, Aberdeen: IAEE, 2002, CD-ROM, 10 pages.

8. David L. Ryan, André Plourde, "Energy Demand Asymmetries and Greenhouse Gas Abatement", in *Energy Markets & The New Millenium: economics, environment, security of supply,* R. Bartels and D. Fiebig, eds., Proceedings of the 23rd International Conference of the IAEE, Sydney: IAEE, 2000, CD-ROM, 33 pages.

7. André Plourde, G.C. Watkins, "Changing Relationships between Crude Oil and Natural Gas Prices?", in volume 2 of *New Equilibria in the Energy Markets: The Role of New Regions and Areas*, Vittorio D'Ermo, ed., Proceedings of the 22nd International Conference of the IAEE, Cleveland: IAEE, 1999, pp. 153-162.

6. David L. Ryan, Yu Wang, André Plourde, "Asymmetric Price Responses of Residential Energy Demand", *Canadian Journal of Economics* Vol. 29 (Special Issue Part 1), 1996, pp. S317-S323.

5. André Plourde, "The Petroleum Industry under NAFTA", in *The Impact of NAFTA: Economies in Transition*, M. Hodges, ed., Proceedings of a Symposium held at the London School of Economics and Political Science, London, U.K.: Centre for Research on the USA, LSE, 1995, pp. 121-145.

4. André Plourde, David L. Ryan, Yu Wang, "Oil Price Asymmetries: Fact or Artifact? Residential Oil Demand in Ontario, 1963-1992", in *The World Oil and Gas Industries in the 21st Century*, Anthony J. Finizza, ed. Proceedings of the 16th North American Conference of the USAEE, Cleveland: USAEE, 1994, pp. 413-422.

3. Chantale LaCasse, André Plourde, "Towards an Operational Definition of Security of Oil Supply", in volume 1 of *Coping with the Energy Future: Markets and Regulations*, Denis Babusiaux, ed. Proceedings of the 15th IAEE, Tours (France), 1992, pp. F39-F46.

2. André Plourde, "Energy Demand: How Much of a Legacy from the Oil Shocks?", in volume 4 of *Proceedings of the 13th World Petroleum Congress*, Chichester, U.K.: John Wiley and Sons, 1992, pp. 13-20.

1. André Plourde, David L. Ryan, "Expenditures on Fuels and Fuel-Specific Heating Equipment: The Residential Sector in Manitoba", in *Energy Disruptions: Lessons, Opportunities, Prospects*, Richard H. Hilt, ed. Proceedings of the 13th North American Conference of the USAEE, Washington: USAEE, 1991, pp. 184-195.

G - Other refereed publications:

3. André Plourde, "Changing Views on the Role of Canadian Natural Gas in the United States," [editor refereed] *Energy Regulation Quarterly* 3(2), 2015, pp.29-42.

2. Pierre Gosselin, Steve E. Hrudey, M. Anne Naeth, André Plourde, René Therrien, Glen Van Der Kraak, Zhenghe Xu, *Report – The Royal Society of Canada Expert Panel: Environmental and Health Impacts of Canada's Oil Sands Industry*. Ottawa: The Royal Society of Canada, 2010, pp. xxiv + 414. (By same authors (2012): "Response to Timoney Critique of Royal Society of Canada Expert Panel on Oil Sands", *Environmental Science & Technology*, Vol. 46, No. 8, pp. 4257-4258.)

1. André Plourde, "Energy and the NAFTA", *C.D. Howe Institute Commentary*, No. 46. Toronto: C.D. Howe Institute, May 1993, 16 pp.

H - Selected non-refereed publications:

12. André Plourde, "Hon Doc – Dag Hammarskjöld," p. 112 in *Carleton at 75 Reflections + Photos 1942-2017*, Carleton University: Ottawa, 2017.

11. André Plourde, "Shale gas, shale oil: Peaking upward", *Diplomat and International Canada,* Vol. 11, no. 4, 2011, pp.42-44.

10. André Plourde, "On Canada's Importance as an Energy Supplier to the United States", 5 pages, Center for Hemispheric Policy, University of Miami, Miami FL, 2010;

9. André Plourde, Ed Whittingham, "A Complicated Tale – Developing Energy is not a Simple Matter in Canada", 7 pages, text prepared in support of the Energy Framework Initiative, 2009;

8. André Plourde, "Canada-US Energy Relations: Issues for New Administrations", pp. 132-141 in *Background Papers: From Correct to Inspired – A Blueprint for Canada-US Engagement*, Canada-US Project, Norman Paterson School of International Affairs and the Centre for Trade Policy and Law, Carleton University, January 2009, Ottawa;

7. André Plourde, "An Economic Stimulus Package for Canada: A Few Thoughts", in *Taking Action on the Economy: Advice from Western Canada*, R. Gibbins, J. Marcil, R. Reach, eds. Canada West Foundation: Calgary, December 2008, pp. 41-42.

6. André Plourde, "President's Message", in all four issues of the *IAEE Newsletter* in 2007.

5. André Plourde, "G. Campbell Watkins, 1939-2005 – An Appreciation", *The Energy Journal*, Vol. 27, no. 1, 2006, pp. iii-vi.

4. André Plourde, "Natural Resource Revenues and Equalization: A Partial Overview of Selected Issues", prepared for the Expert Panel on Equalization and Territorial Formula Financing, Department of Finance, Government of Canada, 2005, 40 pp.

3. Donna White, David L. Ryan, André Plourde, "The *Canadian Building Energy End-use Data and Analysis Centre* at the University of Alberta", *Energy Studies Review*, Vol. 11, no. 2, 2003, pp. 230-232.

2. André Plourde, "Kyoto – An Unlevel Playing Field?", *Policy Options*, December 2002 – January 2003, p. 57.

1. André Plourde, "The Canada-U.S. Energy Relationship: Issues and Challenges – A Canadian Perspective", *IAEE Newsletter* Vol. 12, First Quarter 2003, pp.12-14, 17.

SELECTED PRESENTATIONS *(since 2005)*

- Invited Speaker, "Energy and the Environment: The Missing Element in Canadian Energy Policy?", Economics Society of Northern Alberta, Edmonton, January 2005;
- Invited Speaker, "Energy and Sustainability", Saskatchewan Council of Senior Federal Officials – Policy Forum, Regina, January 2005;
- Invited Speaker, "Natural Gas in North America", 2005 Annual Washington Policy Conference, National Association for Business Economics, Washington DC, March 2005;
- Invited Speaker, "Energy and the Economy", Political Science Forum, Red Deer College, Red Deer AB, March 2005;
- Invited Speaker, "Facilities Siting & NIMBY – Insights from the Academic Literature", 2005 CAMPUT (Canadian Association of Members of Public Utilities Tribunals) conference, Quebec City, May 2005;
- Invited Keynote Speaker, "Canadian Energy Policy in the Sustainable Development Era", 45th annual conference of the *Société canadienne de science économique*, La Malbaie QC, May 2005;
- Invited Speaker, "Economists Are *SO* Cheap…A Primer on Emissions Trading", 17th annual Lawyers in Government Conference, Edmonton, September 2005;
- Organizer, speaker, concurrent session entitled: "The Path to Getting Published", 25th North American conference, USAEE/IAEE, Denver, September 2005;
- Invited Speaker, "LNG in the North American Energy Mix – A (Slightly?) Discordant View", Energizing Supply: Oil and Gas Investment in Uncertain Times, conference sponsored by Foreign Affairs / International Trade Canada, Ottawa, October 2005;
- Invited Speaker, "High Prices and Canadian Energy Policy", Distinguished Speakers series, Industry Canada, Ottawa, April 2006;
- Invited Speaker, "Global and Continental Energy Situation and Outlook", Economic and Finance Councillors' Conference, Foreign Affairs Canada, Ottawa, April 2006;
- Invited Speaker, "Canada's Oil Sands: Potential and Challenges", Detroit Association for Business Economics, Detroit MI, May 2006;

- Invited Speaker, "Reflections on Oil and Gas in Alberta", ATB Financial, Headquarters Economic Discussion Group, Edmonton, June 2006;
- Invited Speaker, "Does Alberta Need a New Royalty Regime?", Institute for Public Economics – *Edmonton Journal* Forum, University of Alberta, September 2006;
- Invited Speaker, "Alberta in Canada: Focus on GHG Emissions", Institute for Public Economics – *Edmonton Journal* Forum, University of Alberta, October 2006;
- Invited Speaker, "Directions for Alberta Energy Policy in the Short(?) Term", Alberta Department of Energy, Edmonton, November 2006;
- Invited speaker, "The Report of the Alberta Royalty Review Panel", Augustana Campus symposium – *Alberta: Living the Boom and Bust*, University of Alberta, October 2007;
- Invited speaker, "Energy and the Environment: An Economics Perspective", Trudeau Foundation conference on public policy 2007– *A Climate of Reconciliation Economy, Social Justice and the Environment*, November 2007;
- Guest lecturer (2.5 hours), INT D 561 – Focus on the Oil Sands, "Oil Sands Royalties: A Partial Overview", School of Business, University of Alberta, November 2007;
- Speaker, "*Our Fair Share, The New Royalty Framework* and All That", CBEEDAC/CABREE Applied Energy Workshop series, Department of Economics, University of Alberta, November 2007;
- Invited speaker, "The Alberta Royalty Review Report, Industry Reaction and the Government Compromise: An Insider's View," Public lecture sponsored by the Department of Anthropology, Political Science and Economics, Grant MacEwan College, February 2008;
- Invited speaker, "Alberta's Royalty Review and the Environment", *Hot Topics* series, Alberta Department of Environment, February 2008;
- Invited speaker, "Energy & Energy Policy Challenges in North America", conference sponsored by Institute of Public Administration of Canada (conference title: "Canada's Energy Security: Superpower…or a Player?"), Edmonton, February 2008;
- Invited speaker, "Royalties, Taxes, and Alberta's Oil Sands: From 1997…to 1997", Ottawa Economic Association / Canadian Association for Business Economics Spring Policy Conference, Ottawa, March 2008;
- Keynote speaker, "Royalties, Taxes, and Alberta's Oil Sands: *Plus ça change…*", Statistics Canada Socio-Economic Conference 2008, Ottawa, May 2008;
- Keynote speaker, "Global and North American Challenges to the Canadian Oil and Gas Industry (with a focus on Atlantic Canada)", The Rothesay Energy Dialogue IV, Rothesay (New Brunswick), July 2008;
- Speaker, "Developing Alberta's Oil Sands: Who Bears the Risks?"
    - CBEEDAC/CABREE Applied Energy Workshop Series, Department of Economics, University of Alberta, October 2008;
    - 28th USAEE/IAEE North American conference, New Orleans, December 2008;
    - Department of Finance, Government of Canada, Ottawa, December 2008;
    - 2nd International Workshop on Empirical Methods in Energy Economics, Jasper AB, August 2009;
    - Division of Economics and Business, Colorado School of Mines, Golden CO, November 2009;

- Keynote speaker, "Energy Trends: Global, Canadian, and Atlantic (2009 and beyond)", The Rothesay Energy Dialogue V, Rothesay (New Brunswick), July 2009;
- Invited speaker, "A Complicated Tale – Energy Development is not a Simple Matter in Canada", Energy Framework Initiative Policy Forum, Ottawa, September 2009;
- Invited speaker, Conférence Louis Desrochers, "La Situation économique en 2008-09 : crise ou récession comme les autres ?", Campus Saint-Jean, University of Alberta, October 2009;
- Speaker, "Oil and Gas in the Canadian Federation", session entitled: Raising and Sharing Revenues", "Oil and Gas in Federal Systems" Conference (sponsored by the Forum of Federations, the World Bank, and the Norwegian Agency for Development Cooperation), Washington, March 2010;
- Invited panelist, "Post-Copenhagen: The Path Forward", Sustainable Energy Research Centre, Carleton University, Ottawa, March 2010;
- Invited speaker, "On Canada's Importance as an Energy Supplier to the United States", "Energy in the Americas" conference sponsored by the Center for Hemispheric Policy, University of Miami, March 2010;
- Invited speaker, "Reversing the Royalty Framework: Some Long-term Implications for Alberta", event sponsored by the Economics Society of Calgary, April 2010;
- Keynote address, "Some Implications of the Pipeline Business Model," International Pipeline Conference 2010, Calgary, September 2010;
- Invited speaker, "Energy Economics and Policy: Overview," at the Canada-Germany Forum on "Shaping Future Energy Supplies, Technologies and Policies", University of Alberta, October 2010;
- Invited speaker, "The Evolution of Royalty Systems in Alberta's Oil Sands: An Overview", Expert Workshop on Estimating Support to Fossil Fuels, OECD, Paris, November 2010;
- Keynote address, "Continental Energy Trade and Climate Change", Pacific Northwest Regional Economic Conference, Victoria, May 2011;
- Invited speaker, "World Markets for Oil and Gas? Some Emerging Issues and Trends", The Rothesay Energy Dialogue VI, Rothesay (New Brunswick), October 2011;
- Invited speaker, "Environmental Monitoring and Regulation in Canada's Oil Sands: Reflections One Year after the RSC Panel Report", annual conference of the Royal Society of Canada, Ottawa, November 2011;
- Invited speaker, "Oil Sands – Impacts on U.S. Environment, Economics, and Security", The Energy Council's 2012 Federal Energy & Environmental Matters Conference, Washington, DC, March 2012;
- Invited speaker, "Energy, the Environment and Shared Infrastructure", North American Futures – Berkeley-British Columbia Symposium, UBC, Vancouver, March 2012;
- Invited speaker, "Carbon Taxes and Incentives for Greenhouse Gas Emissions Reductions in Alberta's Oil Sands", "Boom and Bust Again: The Sequel" conference, Institute for Public Economics, University of Alberta, Edmonton, May 2012;
    - Revised version presented at the 31st USAEE/IAEE North American conference, Austin TX, November 2012;
    - Department of Economics Memorial University of Newfoundland, March 2013;
- Invited speaker, "Energy and NAFTA after Twenty Years", "NAFTA in a changing world economy", Baylor University, Waco TX, October 2013;

- Invited speaker, “Canadian Energy Policy after October 2015”, OEA/CABE 2015 Spring Policy Conference, Ottawa, March 2015;
- Invited panelist, 2016 IGUA Spring Seminar (session on Climate Change and Carbon Pricing), Ottawa, May 2016;
- Invited speaker, “Canadian Energy Policy and Politics in a North American Context”, 34th USAEE/IAEE North American conference, Tulsa OK, October 2016;
- Invited panelist, “Crude Oil and Natural Gas Trade in North America: Anything New?”, “East Coast Energy Connection”, Saint John NB, June 2017;
- Invited panelist, Closing Plenary Session: “How to Align Energy Transitions with Climate Objectives?”, 42nd International Conference of the IAEE, Montréal, June 2019;
- Invited panelist, “The Politics of Energy”, Canadian Association for Business Economics (CABE) Summer Outlook Conference, Kingston, August 2019.

Curriculum Vitae

NAME: Simon Power

DEPARTMENT: ECONOMICS

TELEPHONE NUMBER IN DEPARTMENT: Ext. 3764

CARLETON E-MAIL ADDRESS: simon.power@carleton.ca

A. EDUCATION

Certificate in University Teaching, Carleton University, 2015

Ph.D., Economics, University of Western Ontario, 1986

M.A., Economics, University of Saskatchewan, 1981

M.A., Area Studies - Soviet and East European, School of Slavonic and East European Studies, University of London, U.K., 1979

B.A. (Hons.), Economics, University of Durham, U.K., 1977

B. EMPLOYMENT

1. Academic Appointments

2015- Carleton University Teaching Fellow

1990- Associate Professor, Department of Economics, Carleton University

1988-1990 Assistant Professor, Department of Economics, Carleton University

1987-1988 Visiting Assistant Professor, Department of Economics, Queen's University

1986-1988 Assistant Professor, Department of Economics, University of Regina

1985-1986 Assistant Professor, Department of Economics, University of Saskatchewan

2. Other Employment

None

C. PROFESSIONAL HONOURS

2018-2019 Carleton University Students' Association Teaching Excellence Award

2018-2019 Faculty of Public Affairs Teaching Fellowship Award

2017-2018 Carleton University Students' Association Teaching Excellence Award

2017-2018 Raving Raven

2017-2018 Raving Raven (2)

2017-2018 Gold Raving Raven

2016-2017 Carleton University Students' Association Teaching Excellence Award

2016-2017 Raving Raven

2015-2016 Faculty of Public Affairs Teaching Excellence Award

2015-2016 Carleton University Students' Association Teaching Excellence Award

2015 Provost's Fellowship in Teaching Award

2014-2015 Carleton University Students' Association Teaching Excellence Award

2012-2013 Carleton University Teaching Achievement Award

2011-2012 Carleton University Students' Association Teaching Excellence Award

2010 Faculty of Public Affairs Teaching Excellence Award

2009-2010 Carleton University Students' Association Teaching Excellence Award

2007-2008 Carleton University Students' Association Teaching Excellence Award

2007 Ontario Confederation of University Faculty Associations (OCUFA) Teaching Award

2007 Ontario Government Leadership in Faculty Teaching (LIFT) Award

2004-2005 Graduate Students' Association Excellence Award in Graduate Teaching

2004-2005 Carleton University Students' Association Teaching Excellence Award

2004-2005 PAM Faculty Teaching Award

2004 Capital Educators' Award

2003-2004 Carleton University Students' Association Teaching Excellence Award

2000-2001 Carleton University Teaching Achievement Award

1995-1996 Carleton University Teaching Achievement Award

1977 Adam Smith Prize (for best all round student of economics), (University of Durham)

D. PUBLICATIONS

1. Refereed Scholarly Publications

a) Books

None

b) Articles in Refereed Journals

Power, S., and Townley, P.G.C., "Is There a Role for Government Intervention in the Annuity Market?" Journal of Policy Modeling, 23, 469-472, 2001.

Choudhury, A.H., and Power, S., "A Simplified GLS Estimator for Autoregressive Moving-Average Models," Applied Economics Letters, 5, 247-250, 1998.

Power, S., and Rowe, N., "Independent Central Banks: Coordination Problems and Budget Deficits," Economic Issues, 3, 69-75, 1998.

Choudhury, A.H., and Power, S., "The Consequences of a Potential Pitfall in Approximate GLS Estimation of the Regression Model with ARMA(p,q) Disturbances," Applied Economics Letters, 5, 469-472, 1998.

Choudhury, A.H., and Power, S., "Improving a GLS Approach for Estimation of Autoregressive Moving-Average Models" Journal of Statistical Computation and Simulation, 60, 173-176, 1998.

Green, G.H., Boze, B.V., Choudhury, A.H., and Power, S., "Using Logistic Regression in Classification: The Marketing of Reclaimed Potentially

Environmentally Damaged Residential Property," Marketing Research, 10, 5-11 & 31, 1998.

Choudhury, A.H., Power, S., and St. Louis, R.D., "Linear Estimation of the Regression Model with ARMA Disturbances: A Simulation Study," Communications in Statistics: Simulation and Computation, 26, 315-332, 1997.

Choudhury, A.H., Power, S., and St. Louis, R.D., "Convenient Methods for Estimation of Linear Regression Models with MA(q) Disturbances," Canadian Journal of Economics, 29, 309-317, 1996.

Choudhury, A.H., and Power, S., "A New Approximate GLS Estimator for the Linear Regression Model with ARMA(p,q) Disturbances," Economics Letters, 48, 119-127, 1995.

Power, S., "Monte Carlo Response Surfaces: A Comparative Approach," Journal of Statistical Planning and Inference, 43, 301-310, 1995.

Choudhury, A.H., Power, S., and St. Louis, R.D., "A Computationally Attractive Method for Estimating the Linear Regression Model with Autoregressive Moving Average Disturbances," Metron: International Journal of Statistics, 52, 41-52, 1994.

Power, S., and Townley, P.G.C., "The Impact of Government Social Security Payments on the Annuity Market," Insurance: Mathematics and Economics, 12, 47-56, 1993.

Power, S., "The Historical Background to Ohlin's Statement of the Factor Proportion Theorem," Economic Notes, 2, l57-166, 1990.

Power, S., "An Exact Transformation Matrix for Use with Rational Expectations Models with MA(1) Composite Disturbances," Oxford Bulletin of Economics and Statistics, 52, 89-94, 1990.

Power, S., and Ullah, A., "Nonparametric Monte Carlo Density Estimation of Rational Expectations Estimators and Their t-Ratios," Advances in Econometrics, 6, 157-186, 1987.

Power, S., and Bishopp, W., "A Note on the Computation of the Correct Estimated Covariance Matrix for a Ridge Regression Shortcut," Oxford Bulletin of Economics and Statistics, 49, 343-345, 1987.

Power, S., "An Improved Single Equation Estimation Procedure for Rational Expectations Models," Economics Letters, 24, 151-155, 1987.

Power, S., and Ullah, A., "Limited Information Estimation of a Structural Equation with Moving Average Disturbances," Metron: International Journal of Statistics, 45, 159-167, 1987.

Choudhury, A.H., Chaudhury, M.M., and Power, S., "A New Approximate GLS Estimator for the Regression Model with MA(1) Disturbances," Bulletin of Economic Research, 39, 171-177, 1987.

Power, S., "The Origins of the Heckscher-Ohlin Concept," History of Political Economy, 19, 289-298, 1987. (This paper has also appeared in translation as: "Los Origenes del Concepto Heckscher-Ohlin," Boletin de Informacion Comercial Espaniola, 2, 933-937, 1989.)

c) Articles in Refereed Conference Proceedings

Power, S., "Asymptotic Properties of Single Equation Errors-in-Variables Estimators in Rational Expectations Models," in I.B. MacNeill and G.J. Umphrey (eds.) Time Series and Econometric Modelling (D. Reidel: Dordrecht), 301-315, 1987.

d) Edited Books

None

e) Chapters in Edited Books

Armstrong, K.G. and Power, S., "Why Study Economics," in K. Vaidya (ed.) Economics for the Eager: Why Study Economics (The Curious Academic Publishing), Ch. 20, 2015.

Power, S., "Teaching: A Winter's Tale," in Courage, Curiosity, Teapots and Snakes: Stories about Teaching at Carleton University, 2019.

2. Other (Non-refereed) Scholarly Publications

a) Non-refereed Books

None

b) Chapters in Non-refereed Books

None

c) Review Articles

None

d) Articles in Non-refereed Journals

None

e) Articles in Non-refereed Conference Proceedings

Power, S., "Parametric and Nonparametric Methods of Estimating the Yield Curve," Proceedings of the American Statistical Association Annual Meetings 1990, Business and Economic Statistics Section, 1991.

Power, S., "Estimation of the Yield Curve: A Comparison of Alternative Techniques," Proceedings of the American Statistical Association Annual Meetings 1989, Business and Economic Statistics Section, 196-200, 1990.

f) Technical Reports

None

g) Book Reviews in Scholarly Journals

None

h) Major Encyclopedia or Dictionary Articles

Power, S., "Monte Carlo Studies, Empirical Response Surfaces in," in S. Kotz, C.B. Read, N. Balakrishnan, and B. Vidakovic (eds.) Encyclopedia of Statistical Sciences, 2nd Edition (Wiley: New York), 2005 and online.

Power, S., "Monte Carlo Studies, Empirical Response Surfaces in," in Wiley StatsRef: Statistics Reference Online (2015)
http://onlinelibrary.wiley.com/book/10.1002/9781118445112
NOTE: This is a major update and revision of the encyclopedia article referenced above, in what is designed to be the world's preeminent online statistical encyclopedia.

i) Catalogues

None

3. Creative or Professional Publications

None

E. OTHER SCHOLARLY OR PROFESSIONAL ACTIVITY

1. Editorial Responsibilities

None

2. Papers presented (see also under Section H Recent Presentations on Teaching)

Power, S., and Ullah, A., “Estimation of Linear Models with Moving Average Error Processes,” Second International Symposium on Probability and Information Theory, McMaster University, August 1985.

Power, S., “Single Equation Estimators for Rational Expectations Models,” Canadian Econometric Study Group Conference on Advances in Econometrics and Modelling, University of Western Ontario, September 1985.

Power, S., “Nonparametric Density Estimation of Response Surfaces,” Canadian Econometric Study Group Conference on Advances in Econometrics and Modelling, Banff, October 1988.

Power, S., “An MA Transformation Matrix for Use with Rational Expectations Models with Composite Disturbances,” Statistical Society of Canada Annual Meeting, Ottawa, May 1989.

Power, S., “Nonparametric Density Estimation of the Yield Curve,” Canadian Economic Association Annual Meeting, Université Laval, June 1989.

Brown, R., and Power, S., "Female Under-Representation in University Economics Education," IAFFE 1999 Summer Conference, Carleton University, June 1999.

3. Contract or Other Research

Research Grants and Awards:

1986 Evaluation of Alternative Methods of Nonparametric Density Estimation, President’s Fund, $1940 (University of Regina)

1987 Nonparametric Monte Carlo Density Estimation of Rational Expectations Estimators and Their t-Ratios, SSHRC General Research, $1200, (University of Regina)

1988 Nonparametric Forecasting Evaluated, GR6, $2500

1989 Estimation of the Term Structure of Interest Rates, GR6, $1500

1989 Specification of the Robustness of Public Sector, Voluntary, Life-Insured Annuity Plans, SSHRC Research Grant, $14052 (with P. Townley, Acadia University

1991 A Disequilibrium Model of U.S. Government Expenditure, GR6, $2000

1992 Ninth Annual Meeting of the Canadian Econometric Study Group, GR6, $3000

1992 Canadian Econometric Study Group Conference, University of Ottawa, $5000

1992 Advances in Econometrics in Canada, SSHRC Conference Grant, $5500

1993 Estimation of the Canadian Consumption Function, GR6, $2500

1995 Export-Led Growth, GR6, $3500

1995-1996 Carleton University Teaching Achievement Award, $10000

1997 Evaluating Count Data Models, GR6, $2000

2000-2001 Carleton University Teaching Achievement Award, $15000

2007 Ontario Government Leadership in Faculty Teaching (LIFT) Award, $20,000

2012-2013 Carleton University Teaching Achievement Award, $15000

2015 Provost's Fellowship in Teaching Award, $2500

2019 FPA Teaching Fellowship $6000

4. Other Professional Activities

Served as External Referee for:

Canadian Journal of Economics
Journal of Macroeconomics
Journal of Quantitative Economics
Journal of Applied Econometrics
Econometric Theory
Journal of Economic Education
Australian Economic Papers

IEEE Transactions
Canadian Public Policy

Served as Ph.D. external examiner for Andy Cheuk-Chiu Kwan, "Portmanteau Tests in Economic Time Series," Department of Economics, Concordia University, March 1994.

Chair of the local organizing committee for the Ninth Annual Meeting of the Canadian Econometric Study Group, September 1992.

5. Scholarly Work in Progress

The Teaching of Economics – major new research program (in progress)

F. ACADEMIC RESPONSIBILITIES (TEACHING)

1. Undergraduate Courses Taught

1984-1985 Introductory Statistics (2nd Year) (University of Western Ontario)

1985-1986 Comparative Economic Systems (3rd Year), Econometrics (4th Year) (University of Saskatchewan)

1986-1987 Econometrics (4th Year), Macroeconomics (4th Year), Money and Banking (3rd Year) (University of Regina)

1987-1988 Econometrics (4th Year), Comparative Economic Systems (3rd Year), Introductory Economics (1st Year) (Queen's University)

1988-1989 Econometrics (4th Year), Applied Econometrics (4th Year)

1989-1990 Applied Econometrics (4th Year), Introductory Statistics (2nd Year)

1990-1991 Econometrics I (4th Year), Operations Research I and II (4th Year)

1991-1992 Econometrics I (4th Year), Operations Research I and two sections of Operations Research II (4th Year)

1992-1993 Econometrics I (4th Year), Operations Research I and two sections of Operations Research II (4th Year)

1994-1995 Econometrics I (4th Year), Operations Research I and II (4th Year)

1996-1997 Econometrics II (4th Year), Economic Applications of Mathematics (2nd Year)

1997-1998 Econometrics II (4th Year), Operations Research I (4th Year), Economic Applications of Mathematics (2nd Year)

1998-1999 Operations Research I (4th Year), ECON 2400 Economic Applications of Mathematics (2nd Year)

1999-2000 ECON 4707 Econometrics II (Winter), ECON 4004 Operations Research I (Fall), ECON 4005 Operations Research II (Winter)

2002-2003 Two sections of ECON 4706 Econometrics I (Fall), ECON 4707 Econometrics II (Winter), ECON 4005 Operations Research II (Winter)

2003-2004 ECON 4706 Econometrics I (Fall), ECON 4707 Econometrics II (Winter), ECON 4004 Operations Research I (Fall), ECON 4005 Operations Research II (Winter)

2004-2005 Two sections of ECON 4706 Econometrics I (Fall), ECON 4005 Operations Research II (Winter)

2005-2006 Two sections of ECON 4706 Econometrics I (Fall), ECON 4707 Econometrics II (Winter)

2006-2007 Two sections of ECON 4706 Econometrics I (Fall), ECON 4707 Econometrics II (Winter), ECON 4005 Operations Research II (Winter)

2007-2008 Two sections of ECON 4706 Econometrics I (Fall), ECON 4707 Econometrics II (Winter), ECON 4005 Operations Research II (Winter)

2009-2010 ECON 4706 Econometrics I (Fall), ECON 4707 Econometrics II (Winter), ECON 4004 Operations Research I (Fall), ECON 4005 Operations Research II (Winter)

2010-2011 ECON 4706 Econometrics I (Fall), ECON 4707 Econometrics II (Winter), ECON 4004 Operations Research I (Fall), ECON 4005 Operations Research II (Winter)

2011-2012 ECON 4706 Econometrics I (Fall), ECON 4707 Econometrics II (Winter)

2012-2013 ECON 4706 Econometrics I (Fall), ECON 4707 Econometrics II (Winter)

2013-2014 ECON 4706 Econometrics I (Fall), ECON 4707 Econometrics II (Winter)

2014-2015 ECON 4706 Econometrics I (Fall), ECON 4707 Econometrics II (Winter), two ECON 4903 Tutorial in Economics (Fall)

2015-2016 5 x IPAF 4900 Research Experience (Winter)

2016-2017 ECON 4706 Econometrics I (Fall), ECON 4707 Econometrics II (Winter), ECON 4903 Tutorial in Economics (Summer), ECON 4903 Tutorial in Economics (Fall), IPAF 4900 Research Experience (Winter), ECON 4903 Tutorial in Economics (Winter)

2017-2018 ECON 4004 Operations Research I (Fall), ECON 4706 Econometrics I (Fall), ECON 2220 Introductory Econometrics (Winter), ECON 4707 Econometrics II (Winter), ECON 4903 Tutorial in Economics (Summer), CUROP Supervision (Summer)

2018-2019 ECON 4004 Operations Research I (Fall), ECON 4706 Econometrics I (Fall), IPAF 4900 Research Experience (Fall), ECON 2220 Introductory Econometrics (Winter), ECON 4707 Econometrics II (Winter), 3 x IPAF 4900 Research Experience (Winter)

2019-2020 ECON 4706 Econometrics I (Winter), ECON 4707 Econometrics II (Winter)

2. Graduate Courses Taught

1985-1986 Econometrics (University of Saskatchewan)

1988-1989 Econometrics, Advanced Econometrics

1989-1990 Advanced Econometrics, Applied Econometrics

1994-1995 Applied Econometrics

1995-1996 Econometrics I (offered as part of the Carleton University M.A. Program at the University of Havana)

1996-1997 Econometrics I (offered as part of the Carleton University M.A. Program at the University of Havana)

1997-1998 Econometrics I (offered as part of the Carleton University M.A. Program at the University of Havana)

1998-1999 Econometrics I (offered as part of the Carleton University M.A. Program at the University of Havana), Econometrics II

1999-2000 Econometrics II (Winter)

2004-2005 ECON 5005 Econometrics I (Fall)

2005-2006 ECON 5005 Econometrics I (Fall)

2011-2012 ECON 5906 Directed Research (Winter)

3. Supervisions

a) Completed

K. Lansdell, "The Hendry Approach to the Consumption Function: Interpretation and Application to Canada," 1992 (M.A. Thesis).

b) In Progress

None

4. Other Academic Responsibilities

Honours Essays:

Supervision

Gray Barski, "Do Option Prices or Historical Prices Create Better Statistical Estimators When Predicting Properties of the Probability Distribution of the Market Index's Price?" August 16, 2017

Second Readership

Michael L. Stocker, "Estimating the Demand for Defence Expenditures: A Ratio Approach for Assessing the Defence Burden and the Determinants of Canadian Defence Expenditures," August 11, 2006

Paul LeBane, "Revisiting Basic Exchange Rate Forecasting Techniques," August 13, 2007

Aula Beseiso, "Human Inclusive Economic Development: The Link between Health, Industry, and Productivity," March 23, 2012

Colin Grimes, “Rounding Behaviours and Household Consumption After Negative Income Shocks,” April 2019

Temitope Oluwaseyi Ishola, “Looking Through the Glass – Decomposing the Gender Wage Gap (1991-2006),” April 2019

Examining Board Memberships (outside department):

M. Ali Abdunnabi (Ph.D.) “Interface of Preliminary Test Approach and Empirical Bayes Approach to Shrinkage Estimation,” (Department of Mathematics and Statistics)

Effie Panousos (M.A.) “Restructuring the Siberian Economy: Regional Economic Development Under Perestroika 1986-1990,” (CERAS)

Jayne B. Barlow (M.A.) “Free Economic Zones in the Former USSR and the RFSSR During the Post-Perestroika Period of Economic Reform,” (CERAS)

Benjamin Coleman (M.A.) “Phantom of the Operands: Investigating the Subcomponents of Working Memory in Complex Numbers”, June 29, 2004 (Department of Psychology)

Darren Kalaman (M.A.) “Orientation and Skill Effects in Exact and Approximate Addition”, September 17, 2004 (Department of Psychology)

Elham Ezarafshar (Ph.D.) “The Canadian Pulp and Paper Industry: An Environmental and Economic Analysis”, May 3, 2005 (Department of Economics, University of Ottawa)

Catherine Lovelace (M.A.) “Working Memory and Solution Procedures for Single-Digit Subtraction and Multiplication”, September 27, 2005 (Department of Psychology)

Christine Shanahan (Ph.D.) “Adults’ Complex Mental Arithmetic: Flexibility, Adaptivity and Efficiency”, March 27, 2009 (Department of Psychology)

Cherine Mekkaoui (M.A.) “Political and Economic Reforms on the Path to Euro Adoption: The Case of Spain, Greece, Slovenia and Slovakia”, May 1, 2012 (EURUS)

Nwara Abdulhamid (Ph.D.) “What is the Relationship Between Alignment and Washback: A Mixed-Methods Study of the Libyan EFL Context”, September 26, 2018 (School of Linguistics and Language Studies)

G. ADMINISTRATIVE RESPONSIBILITIES (INCLUDING COMMITTEE WORK)

1985-1986 Director of Departmental Discussion Paper Series, Departmental Library Representative (University of Saskatchewan)

1986-1987 Departmental Seminar Committee (Member), Departmental Library Representative (University of Regina)

1987-1988 Departmental Hiring Committee (Member) (University of Regina)

1988-1989 Institute of Soviet and East European Studies (ISEES) Committee of Management (Member)

1989-1990 Faculty of Social Sciences Research Advisory Committee (Chair), Departmental Tenure Committee (Member), ISEES Committee of Management (Member), Departmental Promotions Committee (Member)

1991-1992 ISEES Committee of Management (Member), ISEES Search Committee for New Director (Member)

1992-1993 Institute of Central/East European and Russian-Area Studies (CERAS) Committee of Management (Member)

1993-1994 CERAS Committee of Management (Member), Carleton University Academic Staff Association (CUASA) Council (Member)

1994-1995 CERAS Committee of Management (Member), CERAS Appointments Committee (Member), CUASA Council (Member)

1995-1996 CERAS Committee of Management (Member), CUASA Council (Member), Departmental Library Representative, Faculty of Social Sciences Strategic Area Team/Information Technology (Member)

1996-1997 Carleton University Senate (Member), Senate Library Committee (Member), CERAS Committee of Management (Member), Faculty of Social Sciences Strategic Area Team/Information Technology (Member), Departmental Appointments Committee (Member), Departmental Library Representative

1997-1998 Carleton University Senate (Member), Senate Library Committee (Member), CERAS Committee of Management (Member), Faculty of Public Affairs and Management (PAM) Undergraduate Program Committee (Member), Departmental Computer Representative, Departmental Library Representative

1998-1999 Faculty of Public Affairs and Management Promotions Committee (Member), Departmental Promotions and Tenure Committee (Member), Departmental BPAPM Representative

1999-2000 EURUS Committee of Management (Member), Departmental Computer Representative

2001-2002 University Teaching Achievement Awards Selection Committee (Member)

2002-2003 University Academic Computing Committee, EURUS Committee of Management (Member), Departmental Computer Representative, Departmental Undergraduate Committee (Member)

2003-2004 University Academic Computing Committee (PAM Representative), PAM Computing Committee (Chair), EURUS Committee of Management (Member), Departmental Computer Representative, Departmental Undergraduate Curriculum Committee (Member), Departmental Appointments Committee (Member)

2004-2005 University Academic Computing Committee (PAM Representative), Senate Computer Policy Committee (PAM Representative), PAM Computing Committee (Chair), EURUS Committee of Management (Member), Departmental Computer Representative, Departmental Undergraduate Curriculum Committee (Member), Departmental Appointments Committee (Member), Departmental Econometrics Appointments Sub-Committee (Chair)

2005-2006 University Academic Computing Committee (PAM Representative), Senate Computer Policy Committee (PAM Representative), PAM Computing Committee (Chair), EURUS Committee of Management (Member), Departmental Computer Representative, Departmental Undergraduate Curriculum Committee (Member), Department of Economics Undergraduate Program Review Task Force (member), Departmental Appointments Committee (Member), Departmental Econometrics Appointments Sub-Committee (Chair)

2006-2007 Senate Computer Policy Committee (FPA Representative), FPA Computing Committee (Chair), EURUS Committee of Management (Member), Departmental Computer Representative, Departmental Undergraduate Curriculum Committee (Member)

2007-2008 FPA Computing Committee (Chair), EURUS Committee of Management (Member), Departmental Computer Representative, Departmental Undergraduate Curriculum Committee (Member)

2008-2009 FPA Computing Committee (Chair)

2009-2010 Senate Undergraduate Program Review Committee (Member), FPA Computing Committee (Chair), EURUS Committee of Management (Member), Departmental Computer Representative, Departmental Undergraduate Curriculum Committee (Member)

2010-2011 Senate Undergraduate Program Review Committee (Member), FPA Computing Committee (Chair), FPA Student Success Committee (Member), FPA Teaching Excellence Award Selection Committee (Member), EURUS Committee of Management (Member), Departmental Computer Representative, Departmental Undergraduate Curriculum Committee (Member)

2011-2012 FPA Computing Committee (Chair), FPA Teaching Excellence Award Selection Committee (Member), FPA Faculty Board (Member), FPA Academic Planning and Curriculum Committee (Member), EURUS Committee of Management (Member), Department of Economics BA Supervisor, Department of Economics TA Excellence Award Adjudication Committee (Member), Departmental Computer Representative, Departmental Undergraduate Curriculum Committee (Member)

2012-2013 University Panel on the Future Development of the BA (Member), FPA Computing Committee (Chair), FPA Faculty Board (Member), FPA Academic Planning and Curriculum Committee (Member), EURUS Committee of Management (Member), Department of Economics Undergraduate Supervisor, Department of Economics TA Excellence Award Adjudication Committee (Member), Departmental Computer Representative, Departmental Undergraduate Curriculum Committee (Member)

2013-2014 Teaching Achievement Awards Committee (Member), FPA Computing Committee (Chair), FPA Faculty Board (Member), FPA Academic Planning and Curriculum Committee (Member), EURUS Committee of Management (Member), EURUS Tenure and Promotions Committee (Member), Department of Economics Undergraduate Supervisor, Department of Economics TA Excellence Award Adjudication Committee (Member), Departmental Computer Representative, Departmental Undergraduate Curriculum Committee (Member), Departmental Alumni Liaison

2014-2015 FPA Computing Committee (Chair), FPA Faculty Board (Member), FPA Academic Planning and Curriculum Committee (Member), FPA Provost Scholar Awards Selection Committee (Member), Department of Economics Undergraduate Supervisor, Departmental Econometrics Appointments Sub-Committee (Member), Department of Economics TA Excellence Award Adjudication Committee (Member), Departmental Computer Representative, Departmental Undergraduate Curriculum Committee (Member), Departmental Alumni Liaison

2015-2016 FPA Teaching Excellence Adjudication Committee (Member), Department of Economics TA Award Adjudication Committee (Member), Carleton Leader: Leaders of Leaders Committee (Member)

2016-2017 Teaching and Learning Council (Member-at-Large), Provost's Fellowship in Teaching Selection Committee (Member), FPA Faculty Board Executive (Member), FPA Computing Committee (Chair), FPA Faculty Board (Member), FPA Academic Planning and Curriculum Committee (Member), FPA Teaching Excellence Adjudication Committee (Member), FPA Provost Scholar Awards Selection Committee (Member), FPA CUROP Selection Committee (Member), BGInS Management Committee (Member), Department of Economics Undergraduate Supervisor, Department of Economics TA Excellence Award Adjudication Committee (Member), Departmental Computer Representative, Departmental Undergraduate Committee (Member), Departmental Alumni Liaison, Departmental Teaching Mentor, Carleton Leader: Leaders of Leaders Committee (Member)

2017-2018 Service Excellence Awards Selection Committee (Member), Teaching and Learning Council (Member-at-Large), FPA Computing Committee (Chair), FPA Teaching Excellence Adjudication Committee (Member), FPA Provost Scholar Awards Selection Committee (Member), Department of Economics TA Excellence Award Adjudication Committee (Member), Departmental Computer Representative, Departmental Alumni Liaison, Departmental Teaching Mentor, Course Coordinator ECON 2210 & 2220

2018-2019 Selection Committee for Excellence in Learning Support Award (EDC), FPA Computing Committee (Chair), Department of Economics TA Excellence Award Adjudication Committee (Member), Departmental Computer Representative, Departmental Alumni Liaison, Departmental Teaching Mentor, Course Coordinator ECON 2220

2019-2020 Department of Law and Legal Studies Instructor Hiring Committee 2019 (Member), Provost's Fellowship in Teaching Selection Committee (Member)

H. OTHER

Recent Presentations on Teaching:

"Presentation in a Classroom Setting", Economics TA Mentorship Program workshop, November 13, 2012

"Effective Presentation", Economics TA Mentorship Program workshop, November 5, 2013

"Engaging Students: A Primer", Economics TA Mentorship Program workshop, November 7, 2014

“Teaching as Leadership”, Economics TA Mentorship Program workshop, March 17, 2015

“Chalk and Talk: Not So Bad After All”, FPA Bagels and Banter session, December 2, 2015

“Effective Teaching”, Economics TA Mentorship Program workshop, February 22, 2016

“Engaging Students”, Teaching Roundtable, Educational Development Centre, March 4 2016

“The Undergraduate Research Experience: Reflections on FPA’s New IPAF 4900 Course”, Panel Discussion, FPA, March 7, 2016

“Engaging Students by Adding Value”, Teaching and Learning Symposium, Active Engagement: Success in the Classroom and Beyond, Educational Development Centre, May 10, 2016

“The Undergraduate Research Experience Course: A Good Fit for Economics?” Canadian Economics Association Annual Meeting, Ottawa, June 3-5, 2016

“Teaching in FPA”, FPA New Faculty Orientation, August 22, 2016

“Successful Teaching: A How to Guide”, Economics TA Mentorship Program workshop, October 20, 2016

“Tips for Successful Teaching”, Department of Economics Brown Bag Seminar Series, January 27, 2017

“Boosting Classroom Attendance”, Welcome to My Classroom, Educational Development Centre, February 17, 2017

“Later Start Times for First-Year Economics Classes: A Way to Boost Class Attendance?” Canadian Economics Association Annual Meeting, Antigonish, June 2-4, 2017

“IPAF 4900 – The Research Experience Course”, FPA New Faculty Orientation, August 21, 2017

“Everyday Challenges in Teaching”, Economics TA Mentorship Program workshop, October 12, 2017

“The New Bachelor of Economics Degree program: How It All Fits Together”, Department of Economics Brown Bag Seminar Series, November 23, 2017

“How to Teach Well”, Economics TA Mentorship Program workshop, October 4, 2018

“The Challenge of Class Size – Big and Small”, FPA Bagels and Banter session, February 6, 2019

“Technology in the Classroom: Good or Bad?”, Department of Economics Brown Bag Seminar Series, February 14, 2019 (with Eileen Harris and Elspeth McCulloch (EDC))

“The Challenge of Teaching”, Economics TA Mentorship Program workshop, October 3, 2019

“Classroom Absenteeism: What Is to Be Done?”, Department of Economics Brown Bag Seminar Series, October 17, 2019

“Motivating Students”, Economics TA Mentorship Program workshop, February 11, 2020

Leadership activity:

Carleton Leader 2, September 2014 - May 2015

Fierce Conversations (Team, Coach, Delegate, and Confront), April 30-May 1, 2015

Carleton Leader Summer Camp, May 26, 2015

Emotional Intelligence in the Workplace (Learning and Development workshop), November 5, 2015

Fierce Conversations (Feedback), February 2, 2016

Carleton Leader Community – Action Learning, March 1, 2016

Carleton Leader Community, Leaders of Leaders Committee (2016 - 2017)

Carleton Leader Community - Leadership Coaching Café, April 19, 2016

Carleton Leader Community - Summer Camp, May 24, 2016

Carleton Leader Community – SIG Reconnect, October 13, 2016

Carleton Leader Community – Speaker, December 6, 2016

Carleton Leader Community – Speed Networking Event, February 14, 2017

Carleton Leader Community – CommuniTEA, October 15, 2017

Carleton Leader Community – 5th Year Celebration, November 23, 2017

Carleton Leader Community – Book Club, December 8, 2017

Carleton Leader Community – Book Club, May 2, 2018 (leader)

Carleton Leader Community – Speaker, December 11, 2018

Carleton Leader Community – Book Club, January 30, 2019

Carleton Leader Community – Book Club, May 2, 2019 (leader)

Carleton Leader Community – Book Club, September 26, 2019

Curriculum Vitae

NAME: Raul Razo-Garcia

DEPARTMENT: ECONOMICS

TELEPHONE NUMBER IN DEPARTMENT: Ext. 1560

CARLETON E-MAIL ADDRESS: raul.razogarcia@carleton.ca

A. EDUCATION

Ph.D. in Economics, University of California at Berkeley, May 2009.
Dissertation Title: "Essays on Exchange Rate Regimes and Financial Account Liberalization."

M.A. Statistics, University of California at Berkeley, 2005.

M.A. Economics, El Colegio de México, 2000.
Dissertation Title: "Sources of Inflation in Mexico: A Multicausal Error Correction Model Approach."

B.A. Economics, ITESM CCM, 1997.

B. EMPLOYMENT

1. Academic Appointments

Associate Professor, Department of Economics, Carleton University, July 2016 to present.

Visiting Professor, Department of Economics, Centro de Investigación y Docencia Económicas (CIDE), January 2018 – July 2018.

Visting Fellow, Department of Economics and Economic History, Universitat Autonoma de Barcelona, August 2017 – December 2017.

Assistant Professor, Department of Economics, Carleton University, July 2009 to June 2016.

Lecturer in Economics, Department of Economics, Carleton University, July 2008 to June 2009.

Graduate Student Instructor, Haas School of Business, U.C. Berkeley, August 2007 to December 2008.

Research Assistant, Department of Economics, U.C. Berkeley, Barry Eichengreen, May 2005 to June 2007.

Graduate Student Instructor, Department of Economics, U.C. Berkeley, August 2005 to May 2008.

Graduate Student Instructor, Department of Economics, El Colegio de Mexico, September 1999 - January 2000.

2. Other Employment

Junior Analyst, Research Division, Banco de Mexico, October 2000 to July 2002.

C. PROFESSIONAL HONOURS

2019-2021 SSHRC-Insight Development Grant (Co-applicant): $55,290.
Title: "Winners and Losers from the Tax Cuts and Jobs Act: A Quantitative Evaluation with an Open-Economy Heterogeneous Household Model." (with Minjoon Lee and Hashmat Khan)

2019 Faculty of Public Affairs Teaching Development Fund: $3,000.

2016 FPA Research Productivity Bursary Grant: $ 1,850.

2013- to 2018 Member of the Mexican National Research System (SNI). Level Candidate (renewed in 2016).

2016 Mitacs Globalink Research Internship Award. $5,000 to support the intern's travel costs and accommodation. Title: "Exchange Rates, International Reserves and Prices."

2013-2015 SSHRC-Insight Development Grant (Principal Investigator): $53,800.
Title: "Exchange Rate Regimes, Financial Openness and Currency Crises."

2013 Mitacs Globalink Research Internship Award. $5,000 to support the intern's travel costs and accommodation. Title: "Exchange Rates, International Reserves and Prices."

2010 Grant for Curricular Development (Center for European Studies Carleton University): $2000. Title: "Macroeconomic Policy in the Euro Area."

2002-2008 Conacyt-UCMexus Scholarship. $180,000. Tuition and stipend PhD Program.

2002-2005 Fulbright Scholarship: $30,000. Stipend PhD Program.

1998-2000 Conacyt Excellence Fellowship: $20,000. Stipend Masters Program.

D. PUBLICATIONS

1. Refereed Scholarly Publications

a) Books

None

b) Articles in Refereed Journals

Lopez-Suarez, Carlos F. and Razo-Garcia, Raul (2017) "Speculative Attacks in a Two-Peg Model," *Journal of International Money and Finance*, Vol 70, pp. 234-256, February.

Eichengreen, Barry J. and Razo-Garcia, Raul (2012) "How Reliable Are De Facto Exchange Rate Regime Classifications?," *International Journal of Finance & Economics*, John Wiley & Sons, Ltd., vol. 18(3), pages 216-239, 07.

Joyce, Joseph and Razo-Garcia, Raul (2011) "Reserves, Quotas and the Demand for International Liquidity." *The Review of International Organizations*, Vol. 6, No. 3-4, pp. 393-413, September.

Eichengreen, Barry J. and Razo-Garcia, Raul (2006) "The international monetary system in the last and next 20 years". *Economic Policy*, Vol. 21, Issue 47, pp. 393-442, July.

Esquivel, Gerardo and Razo-Garcia, Raul (2003). "Sources of Inflation in Mexico: A Multicausal Error Correction Model Approach ", *Estudios Economicos*, Jul-Dic 2003 (in Spanish).

c) Articles in Refereed Conference Proceedings

None

d) Edited Books

Razo-Garcia, Raul (2010). "Estimating the Effect of Exchange Rate Flexibility on the Financial Account Openness.", in W. Greene (editor), *Advances in Econometrics*: Maximum Simulated Likelihood Methods and Applications, 26.

e) Chapters in Edited Books

None

2. Other (Non-refereed) Scholarly Publications

a) Non-refereed Books

None

b) Chapters in Non-refereed Books

None

c) Review Articles

None

d) Articles in Non-refereed Journals

None

e) Articles in Non-refereed Conference Proceedings

None

f) Technical Reports

None

g) Book Reviews in Scholarly Journals

None

h) Major Encyclopedia or Dictionary Articles

None

i) Catalogues

None

3. Creative or Professional Publications

None

E. OTHER SCHOLARLY OR PROFESSIONAL ACTIVITY

1. Editorial Responsibilities

None

2. Papers presented

"Investors' Strategic Behavior: What Peg Should They Attack First" (with Carlos Lopez), **Canadian Economics Association Conference 2019**, International Economic Association World Congress 2017 (Mexico City), Asia Meeting of the Econometric Society (Kyoto) 2016, Western Economic Association International 90th Annual Conference 2015, International Economic Association World Congress 2014, LACEA -Latin American and Caribbean Economic Association Meeting 2013 and Canadian Economics Association Conference 2011.

"International Reserves in Emerging Markets: Is There Any Neighbor Effect?" Canadian Economics Association Conference 2014.

"The Duration of the Exchange Rate and Capital Account Regimes" Canadian Economics Association Conference 2009.

3. Contract or Other Research

None.

4. Other Professional Activities

Refereeing Activity: Advances in Econometrics, Canadian Journal of Economics (x2), Economia Mexicana, International Finance**, Journal of International Money and Finance (X2)**, International Review of Economics and Finance, Journal of the Asia Pacific Economy, Latin American Economic Review Studies in Nonlinear Economics, and Trimestre Economico.

5. Scholarly Work in Progress

The Relativity of Economics Fundamentals in a Two-Country Model of Speculative Currency Attacks (with Carlos Lopez). Submitted.[1]

"The Duration of the Exchange Rate and Capital Account Regimes" (Revise and Resubmit International Finance)

"Investors' Strategic Behavior: What Peg Should They Attack First" (with Carlos Lopez)

"On the (In)Stability of Exchange Rate Regimes"

"Foreign Fundamentals and the Probability of a Domestic Financial Crisis"

F. ACADEMIC RESPONSIBILITIES (TEACHING)

1. Undergraduate Courses Taught

ECON 3602. International Monetary Problems (Fall 2008, Fall 2009, Summer 2009, Fall 2010, Fall 2011, Fall 2012, Fall 2013, Winter 2015, Winter 2016, Summer 2016, Fall 2016, Summer 2017, Fall 2018, **Winter 2020**).

ECON 2102. Intermediate Macroeconomics (Winter 2010, Fall 2010, Winter 2012, Winter 2013, Winter 2014, Winter 2015, Fall 2015, Winter 2017, Winter 2019, **Fall 2019**).

ECON 4602. International Monetary Theory and Policy (Fall 2011, Winter 2013, Winter 2014, Fall 2014, Fall 2015, Winter 2017, Fall 2018, **Winter 2020**).

ECON 4880. Special Topics in Economics (Fall 2019)

2. Graduate Courses Taught

ECON 5602. International Monetary Theory and Money (Fall 2009, Winter 2009. Summer 2011, Winter 2012, Fall 2012, Fall 2013, Fall 2014, Winter 2016, Fall 2016, Fall 2018).

3. Supervisions

a) Completed

Jumana Altawil, Honours Essay, 2009.
Xiaonan Li, Ph.D., Essays on International Macroeconomics, Winter 2015
Vandana Bhaskaran (summer 2014, Economics, IIT Madras).

[1] Previously circulated as "Investors' Strategic Behavior: What Peg Should They Attack First"

Jiachen Liu (summer 2016, Economics, Zhejiang University).

b) In Progress

Farzaneh Davarzani, Ph.D., Winter 2017 – to present (passed first workshop in June 2019)

4. Other Academic Responsibilities

Ph.D. Dissertation Committee Member:

Yang Zhang – completed in 2013.
Qi Zhang – completed in 2014.
Azadeh Rahimi 2014 – completed in 2014.
Radu-Mihail Anghel 2009 – passed first workshop.
Olaniyi Ilori since 2015 – passed first and second workshops.

International Economics Ph.D. Comprehensive Examination Committee (May 2009, May 2010, May 2012, May 2014, August 2014, **May 2019, August 2019**) .

G. ADMINISTRATIVE RESPONSIBILITIES (INCLUDING COMMITTEE WORK)

Head of the Departmental Team Representing Carleton University at the Governor's Challenge organized by Bank of Canada, 2019-2020.

Member, Undergraduate Committee, 2009-2010 and 2012-2013.

Member, Tenure and Promotions Committee, 2010-2011, 2016-2017, 2019-2020.

Member of the CDI Committee of the Economics Department, **2019-2020**.

Member, Macro / Monetary Economics Hiring Committee, 2011-2012.

Member, Financial Economics Hiring Committee, 2012-2013.

Member, Macroeconomics Hiring Committee, 2013-2014 and 2014-2015.

Member, Graduate PhD Committee, 2018-2019**, 2019-2020.**

Departmental Seminar Coordinator, 2013-2014, 2014-2015 and 2015-2016**.**

Member of the Advisory Hiring Committee, 2019-2020.

H. OTHER

University Teaching Certificate, Carleton University, Summer 2010.

Barcelona Macroeconomics Summer School, Summer 2011: An Introduction to the New Keynesian Framework with Applications to Monetary Policy; Solution and Estimation of DSGE Models.

Barcelona LeeX Experimental Economics Summer School in Macroeconomics (Summer 2012).

Grant Writing Program, Faculty of Public Affairs, May 2013.

Financial Markets Certificate (Yale University), April 2014.

Tools for Macroeconomists: The Essentials. Workshop. London School of Economics, 2015.

ERIC STEPHENS

February 2020

Email:	eric.stephens@carleton.ca
Web:	http://www.carleton.ca/economics/people/stephens-eric/
Phone:	+1 613-520-2600 ext. 8132
Address:	Department of Economics, Carleton University 1125 Colonel By Drive Room C-870 Loeb Building Ottawa, ON K1S 5B6
Citizenship:	Canadian

Appointments

Assistant Professor of Economics, Department of Economics, University of Alberta, July 2009-2013.

Assistant Professor of Economics, Department of Economics, Carleton University, July 2013-2018

Associate Professor of Economics, Department of Economics, Carleton University, July, 2018-

Education

Ph.D. Economics, Queen's University, 2010.
M.A. Economics, Queen's University, 2003.
B.A. (Honours) Economics, Lakehead University, 2002.
B.A. Mathematics, Lakehead University, 2002.

Research Interests

Financial Economics: general equilibrium and incomplete markets, contract theory, insurance, regulation.
Public Economics: optimal taxation, redistribution.

Published and forthcoming papers

"Teach a man to fish? Education vs. Optimal Taxation", *Canadian Journal of Economics*, 45(4) November 2012.

"CDS as Insurance: Leaky Lifeboats in Stormy Seas", with James Thompson, *Journal of Financial Intermediation*, 23(3) July 2014.

"From Housing Bust to Credit Crunch: Evidence from Small Business Loans", with Haifang Huang, *Canadian Journal of Economics*, 48(3), August 2015.

"Separation Without Exclusion in Financial Insurance", with James Thompson, *Journal of Risk and Insurance*, 82(4), December 2015.

"Information Asymmetry and Risk Transfer Markets", with James Thompson, *Journal of Financial Intermediation*, 32(c), October 2017.

Invited Seminars and Conferences

2017, North American Summer Meeting of the Econometric Society (St. Louis), 25th Finance Forum (Barcelona), European Econometric Society (2017).

2016, Bank of Canada, International Rome Conference on Money and Banking, Southern Finance Association meetings.

2015, Financial Intermediation Research Society meetings (Reykjavik), The Telfer School of Management Annual Conference on Accounting and Finance (Ottawa), The Risk Theory Society annual seminar (Ithaca).

2014, Western Finance Association meetings (Monterey), Northern Finance Association meetings (Ottawa), Southern Finance Association meetings (Key West).

2013, Bank of Canada, Carleton University, University of Calgary, Wilfrid Laurier University.

2012, Southern Economic Association Meetings (New Orleans), Taxation Theory Conference (Nashville).

2011, Risk Theory Society (Little Rock), Paul Woolley Centre for the Study of Capital Market Dysfunctionality (London School of Economics), Western Finance Association meetings (Santa Fe), Financial Intermediation Research Society (Sydney).

2010, Canadian Public Economics Group Meetings (Quebec), Canadian Economics Association Meetings (Quebec), Journeés Louis-André Gérard-Varet #9 (Marseille).

2009, Canadian Economics Association Meetings (Toronto), Singapore Management University, Australian National University, Wilfrid Laurier, University of Alberta.

Awards Received

Best Paper Award on Commercial and Asset Based Finance, International Rome Conference on Money and Banking, 2016.

C.A. Curtis prize in Economics, Queens University, 2011.

SSHRC Insight grant (Co-investigator James Thompson at the University of Waterloo).

Killam Research Fund: Cornerstone Grant, University of Alberta, 2011.

SSHRC Doctoral Scholarship, Social Sciences and Humanities Research Council, 2004–2007.

R.S. MacLaughlin Fellowship, Queen's University, 2002–2003.

Governor General's Silver Medal, Lakehead University, 2002.

Dean of Social Sciences and Humanities Medal (economics), Lakehead University, 2002.

Chancellor's Medal (mathematics), Lakehead University, 2002.

Mathematical Sciences Prize, Lakehead University, 2002.

Radovan Vadovič

Address:
Department of Economics, D-896 Loeb
Carleton University
1125 Colonel By Drive
Ottawa, ON, K1S 5B6

Office ph.: (613) 520-2600 x1509
Email: radovan.vadovic@carleton.ca

APPOINTMENTS

2018 –	Associate Professor, Carleton University Director of CELBER experimental economics laboratory
2013 – 2013	Assistant Professor, Carleton University
2011 – 2012	Visiting Research Professor University of Texas, Dallas
2007 – 2012	Assistant Professor, Instituto Tecnológico Autónomo de México, Center for Economic Research (ITAM - CIE)
Aug 2009 – Dec 2009	Visiting Scholar, Department of Economics, University of Arizona
July 2006 – Dec 2006	Postdoc, Economic Theory II, University of Heidelberg

EDUCATION

Dec 2006	Ph.D., Economics, University of Arizona
Dec 2002	M.A., Economics, University of Arizona
June 2000	B.A., Economics, Lewis & Clark College

PUBLICATIONS

"Sequential vs. Simultaneous Trust," with Till Gross and Maroš Servátka, *Journal of Institutional and Theoretical Economics*, forthcoming.

"Bidding Behavior and Price Search in Internet Auctions," *International Journal of Industrial Organization*, 2017, 54, 125-147.

"Honesty and Informal Agreements," (with Martin Dufwenberg and Maroš Servátka), *Games & Economic Behavior*, 2017, 102, 269-85.

"Status Quo Effects in Fairness Games: Reciprocal Responses to Acts of Commission vs. Acts of Omission," (with James C. Cox and Maroš Servátka), *Experimental Economics*, 2016, pp. 1-18.

"Sick Pay Provision in Laboratory Labor Markets," with Peter Dürsch and Jörg Oechssler, *European Economic Review*, 2012, 56(1), 1-19.

"Legitimacy of Control," with Wendelin Schnedler, *Journal of Economics & Management Strategy*, 2011, 20(4), 985-1009.

"Building Trust One Gift at the Time," with Maroš Servátka and Steven Tucker, *Games* (*Special Issue on Fairness in Games*), 2011, 2(4), 412-433.

"Words Speak Louder Than Money," with Maroš Servátka and Steven Tucker, *Journal of Economic Psychology*, 2011, 32(5), 700–709.

"Mandatory Sick Pay Provision: A Labor Market Experiment," with Stefan Bauernschuster, Peter Dürsch and Jörg Oechssler, *Journal of Public Economics*, 2010, 94(11–12), 870–877.

"Saliency of Outside Options in the Lost Wallet Game," with James C. Cox and Maroš Servátka, *Experimental Economics*, 2010, 13(1), 66–74.

"Unequal Outside Options in the Lost Wallet Game," with Maroš Servátka, *Economics Bulletin*, 2009, 29(4), 1–14.

OTHER PUBLICATIONS

"Experimental Design," (with Maroš Servátka), In Real World Decision Making: An Encyclopedia of Behavioral Economics. Editor Morris Altman, Praeger ABC-CLIO, 2015.

"Trust Game," (with Maroš Servátka), In Real World Decision Making: An Encyclopedia of Behavioral Economics. Editor Morris Altman, Praeger ABC-CLIO, 2015.

"Does a Deposit Increase Trust and Trustworthiness?" with Steven Tucker and Maroš Servátka, In Anderssen, R.S., R.D. Braddock and L.T.H. Newham (eds) 18th World IMACS Congress and MODSIM09, July 2009, 1464-1470.

"Experimental Examination of Behavior in a Sequential versus Simultaneous Trust Game," with Maroš Servátka and Steven Tucker, *Proceedings of the International Congress on Modelling and Simulation*, Christchurch, 2007, 372-378.

WORKING PAPERS

"Correlated beliefs: Experimental evidence from 2x2 games," with Timothy Cason and Tridib Sharma, 2019.

"Attainment of Equilibrium: Marshallian Path Adjustment and Buyer Determinism," with Sean Collins, Duncan James and Maroš Servátka, 2019.

"Dominated Choices," with Tridib Sharma, 2019.

"'Free to choose:' Testing the Pure Effect of Autonomous Choice," with Tomas Sjöström and Levent Ülkü, 2019.

"Honesty vs. Opportunism: Evidence from Cab Rides in Mexico City," with Martin Dufwenberg and Maroš Servátka, 2019.

"Against All Odds: Insight vs. Ignorance," with Wendelin Schnedler, 2019.

GRANTS

Carleton University, Faculty of Public Affairs, engagement grant, 2019, $4000

Carleton University (OVPRI) development grant, 2015, $5800

Ontario Research Fund (ORF) small infrastructure grant, CFI matching funds (PI), 2015, $52000

Canada Foundation for Innovation (CFI) - John R. Evans Leaders Fund (JELF), "The Role of Emotions and Heuristics on Individual Behavior and Strategic Interactions," infrastructure development grant (PI), 2014, $52000

The International Foundation for Research in Experimental Economics (IFREE), small grant, 2014, $7128

Start-up grant, Carleton University, 2013, $10000

EPPS research grant, University of Texas, Dallas, 2012, $5000

College of Business and Economics Contestable Research Grant, 2007, 2011, University of Canterbury, (2 grants)

Sonderforschungsbereich 504, University of Mannheim, 2006 (2 grants)
British Academy of Sciences, 2006

National Science Foundation (NSF) Dissertation Improvement Grant, 2005

TEACHING

Special Topics: Games and Strategic Behaviour (undergr., ECON 4880): W'20

Game Theory and Economics (undergr., ECON 4025): W'15, F'15, F'16

Research Methods (undergr., ECON 3900): F'17, F'18

Behavioural Financial Economics (undergr., ECON 4057): W'13, W'14, W'15, W'16, F'17, W'17, F'18, W'20, U. of Paderborn S'15

Intermediate Microeconomics: Producers & Market Structure (undergr., ECON 2020), Carleton, W'13, F'13, F'15, F'16

Intermediate Microeconomics: Consumers & General Equilibrium (undergr., ECON 2030), Carleton, W'14, W'16, W'17

Behavioral/Experimental, UTD, F'12

Microeconomic Theory for Applications, masters, UTD, F'12

Intermediate Microeconomics, UTD, S'12

Behavioral/Experimental Economics, masters, ITAM, S'11, S'09

Advanced Microeconomic Theory II, ITAM, S'11, F'10, S'10, S'09, F'08, S'08, F'07, S'07

Games and Decisions, U. of Arizona, F'09

Economia IV, ITAM, S'09

Advanced Microeconomic Theory I, ITAM, S'07

STUDENTS

Doctoral supervision:

Nabil Afodjo, Ph.D. thesis committee member, Ottawa-Carleton Graduate School of Economics. Ongoing.

Jérôme Archambault, Ph.D. thesis committee member, Ottawa-Carleton Graduate School of Economics. Ongoing.

Elise Critoph, Ph.D. thesis committee member, Ottawa-Carleton Graduate School of Economics. Successfully defended in Nov 2019.

Alexander Maslov, Carleton, Ph.D. co-supervisor with Aggey Semenov, Ottawa-Carleton Graduate School of Economics. Successfully defended in Jan 2018).

Sarah Mohan, Ph.D. thesis committee, Ottawa-Carleton Graduate School of Economics. Successfully defended in Aug 2017.

Ruth Gilgenbach, Ph.D. thesis committee, Southern Methodist University. Successfully defended in Apr 2012.

Undergraduate/Masters thesis:

Colin Capaldi, thesis committee member, Department of Psychology, Carleton University, August 2014, (Master's thesis).

Jorge Alfaro, primary advisor, Dec 2012, (undergraduate thesis).

Bernardo Rodriguez, primary advisor, Apr 2012, (undergraduate thesis).

Santiago Izquierdo, defense committee member, May 2011, (undergraduate thesis).

Maria Torreblanca, defense committee member, May 2009, (undergraduate thesis).

SHORT VISITS

University of Heidelberg (July '07), University of Canterbury (Nov '08), Rutgers University (Apr '14), University of Paderborn (June '14, May '15)

REFEREED FOR

B.E. Journals in Economic Analysis & Policy, Economic Journal, Economics Bulletin, Economics Inquiry, European Economic Review, Experimental Economics, Games, Games and Economic Behavior, Journal of Behavioral and Experimental Economics, Journal of Economic Behavior and Organization, Journal of Economics & Management Strategy, Journal of Economic Psychology, Journal of Public Economics, Journal of Public Economic Theory, Management Science, Review of Behavioral Economics, Review of Economic Studies, Southern Economic Journal, Scandinavian Journal Of Economics, SSHRC (Insight Grant review), Theory and Decision

Updated: 02-2020.

Matthew D. Webb

Department of Economics
Carleton University
1125 Colonel By Drive
Ottawa, ON, K1S 5B6
CANADA

Phone: (613) 520-3744
Fax: (613) 520-3906
Email: matt.webb@carleton.ca
https://sites.google.com/site/matthewdwebb/

Current Position

Assistant Professor, Department of Economics, Carleton University — 2015-present

Parental Leave, Winter 2019

Previous Position

Eyes High Postdoctoral Scholar, Department of Economics, University of Calgary — 2013-2015

Supervisor: M. Scott Taylor

Education

Ph.D., Economics, Queen's University — 2013

Thesis Title: "Econometric Analysis of Labour Market Interventions"

Supervisors: Steven F. Lehrer, James G. MacKinnon

M.A. Business Economics, Wilfrid Laurier University — 2007

B.A. Honours Economics, Wilfrid Laurier University — 2006

Research Interests

Applied Microeconometrics, Economics of Education, and Labour Economics.

Awards and Scholarships

Carleton University Research Achievement Award, $15,000 — 2019

Productivity Partnership (co-PI), $15,000 — 2018

SSHRC - Insight Grant (PI), $91,380 — 2016-2020

SSHRC - Insight Development Grant (PI), $47,436 — 2014-2016

Educational Policy Research Initiative (co-PI), $5,000 — 2013

John Deutsch Institute Doctoral Stipend — 2012

E.G. Bauman Fellowship — 2008-2009

Publications

(10) *"Bootstrap and Asymptotic Inference with Multiway Clustering"*

with James G. MacKinnon and Morten Ørregaard Nielsen

Journal of Business and Economics Statistics - Accepted

(9) *"Randomization Inference for Difference-in-Differences with Few Treated Clusters"*

with James G. MacKinnon

Journal of Econometrics - Accepted

(8) *"A Simple, Graphical Procedure for Comparing Multiple Treatment Effects"*

with Brennan Thompson

The Econometrics Journal - 22(2) pp. 188–205, 2019

(7) *"Fast and Wild: Bootstrap Inference in Stata Using boottest"*

with David Roodman, James G. MacKinnon, and Morten Ørregaard Nielsen

Stata Journal - 19(1) pp. 4–60, 2019

(6) *"Wild Bootstrap Randomization Inference for Few Treated Clusters"*

with James G. MacKinnon

Advances in Econometrics vol. 39 - The Econometric of Complex Survey Data pp. 61–85, 2019

(5) *"Immigrant Category of Admission of the Parents and Outcomes of the Children: How far does the Apple Fall?"*

with Casey Warman and Chris Worswick

Journal of Population Economics - 32(1) pp. 53–112, 2019

(4) *"The Wild Bootstrap for Few (Treated) Clusters"*

with James G. MacKinnon

The Econometrics Journal - 21(2) pp. 114–135, 2018

(3) "*Pitfalls when Estimating Treatment Effects Using Clustered Data*"

with James G. MacKinnon

The Political Methodologist - 24(2) pp. 20–31, 2017

(2) *"Wild Bootstrap Inference for Wildly Different Cluster Sizes,"*

with James G. MacKinnon

Journal of Applied Econometrics 32(2) pp. 233–254, 2017

(1) *"Targeting Tax Relief at Youth Employment,"*

with Arthur Sweetman and Casey Warman

Canadian Public Policy 42(4) pp. 415–430, 2016

Papers Under Revision or Review

'When and How to Deal With Clustered Errors in Regression Models"

with James G. MacKinnon

Revisions Requested for *Handbook of Labor, Human Resources and Population Economics*

"Reworking Wild Bootstrap Based Inference for Clustered Errors"

Revisions requested at *Canadian Journal of Economics*

"Finish It and It's Free: An Evaluation of College Graduation Subsidies"

previously titled *"On the Effectiveness of Graduate Retention Programs"*

Revisions requested at *Economics of Education Review*

Research Papers

"An Experimental Test of the No Safety Schools Theorem" with David B. Johnson

previously titled *"One Sided Matching: Choice Selection With Rival Uncertain Outcomes,"*

Teaching Experience

Graduate

Econometrics I (Econ 5027) [Master's], **Carleton University** (4)

Labour Economics II (Econ 5362) [PhD; co-taught], **Carleton University** (2)

Undergraduate

Statistical Analysis in Economics (Econ 4002), **Carleton University** (3)

Statistical Methods in Economics and Business I (Econ 2201), **Carleton University** (4)

Economics of the Environment (ECE 444), **Royal Military College** (1)

Introduction to Microeconomics (EC 120), **Wilfrid Laurier University** (1)

Professional Activities

Invited Seminars

2020: Université de Montréal, Montreal (forthcoming)

2019: McMaster University, Hamilton

2018: Canadian Mortgage and Housing Corporation (CMHC), Ottawa

2017: Vancouver School of Economics (UBC), Vancouver

2016: McMaster University, Hamilton; Dalhousie University, Halifax; NYU-Shanghai, Shanghai, China; Lakehead University, Thunder Bay; University of Ottawa, Ottawa

2015: Queen's University, Kingston; Carleton University, Ottawa; Department of Finance, Ottawa

2014: Bank of Canada, Ottawa; Ryerson University, Toronto ; Wilfrid Laurier University, Waterloo ; Université du Québec à Montréal, Montreal

2013: *Are You Sure That is the Right Answer? Robust Inference and Policy Evaluation,* Programme Evaluation for Policy Analysis (PEPA), London, England

Conference Presentations

"When and How to Deal With Clustered Errors in Regression Models "

Western Economics Association International, San Francisco 2019

Canadian Economics Association, Banff 2019

CIREQ:Recent Advances in Bootstrap Methods, Montreal (**P**) 2019

"Fast and wild: Bootstrap inference in Stata using boottest "

Stata Users Group Meeting, Vancouver 2018

"Testing for the Level of (Multi-way) Clustering"

Canadian Economics Association, Montreal	2018

"Wild Bootstrap Randomization Inference for Few Treated Clusters"

Camp Econometrics, Bolton Landing **(P)**, NY	2018
The Econometrics of Complex Survey Data, Ottawa	2017

"Bootstrap and Asymptotic Inference with Multiway Clustering"

Joint Statistical Meeting, Vancouver	2018
International Association for Applied Econometrics, Montreal	2018
North American Summer Meeting of the Econometric Society, Davis, CA	2018
Southern Economics Association, Tampa	2017
Canadian Econometrics Study Group, Toronto	2017
Stata Users Group Meeting **(P)**, Ottawa	2017
Canadian Economics Association, Antigonish, NS	2017

"The Subcluster Wild Bootstrap for Few (Treated) Clusters"

European Meeting of the Econometric Society, Lisbon, Portugal	2017
International Association of Applied Econometrics, Sapporo, Japan	2017
Society of Labour Economics, Raleigh, NC	2017
Camp Econometrics **(P)**, Lake Placid , NY	2017
Southern Economics Association Conference, Washington D.C.	2016
Atlantic Canada Economics Association Conference, Sackville, NB	2016
Canadian Econometrics Study Group, London, ON	2016
Calgary Empirical Microeconomics Workshop **(P)**, Banff	2016

"One Sided Matching: Choice Selection With Rival Uncertain Outcomes"

Atlantic Canada Economics Association, Antigonish, NS	2017
American Economics Association Annual Meeting **(P)**, Chicago	2017
Western Economics Association, Portland	2016

"Randomization Inference for Difference-in-Differences with Few Treated Clusters"

International Association for Applied Econometrics, Milan, Italy	2016
Society of Labor Economists **(P)**, Seattle	2016

"Finish It and It's Free: An Evaluation of College Graduation Subsidies"

International Workshop on Applied Economics of Education, Catanzaro, Italy	2016
Canadian Public Economics Group, Kelowna	2015
World Congress of the Econometric Society, Montreal	2015
Society of Labor Economists, Montreal	2015

Canadian Economics Association Meeting, Toronto 2015
Southern Economics Association Conference, Atlanta 2014
Atlantic Canada Economics Association Conference, Truro, NS 2014

"A Simple, Graphical Procedure for Comparing Multiple Treatment Effects"

Stata Users Group Meeting, Ottawa 2017
Joint Statistical Meetings, Chicago 2016
Canadian Economics Association Meeting, Ottawa 2016
Southern Economic Association Conference, New Orleans 2015
Canadian Econometrics Study Group **(P)**, Guelph, ON 2015
Calgary Empirical Microeconomics Workshop, Banff 2015
Camp Econometrics, Bolton Landing **(P)**, NY 2015
Calgary Empirical Microeconomics Workshop, Banff 2014

"Proceed with Reckless Abandon: The Unintended Consequences of Expanding Higher Education Enrollment"

Canadian Economics Association Meeting, Vancouver 2014

"Wild Bootstrap Inference for Wildly Different Cluster Sizes"

ZEW Applied Econometrics Summer Workshop, Mannheim, Germany 2014
Midwest Econometrics Group, Bloomington, IN 2013
Canadian Econometric Study Group, Kitchener, ON 2013
Doctoral Workshop in Applied Econometrics, Ryerson University, Toronto 2013
Camp Econometrics, Bolton Landing **(P)**, NY 2013

"On the Effectiveness of Graduate Retention Programs"

Canadian Economics Association Meeting, Montreal 2013
Atlantic Canada Economics Association Conference, Halifax 2012

"Reworking Wild Bootstrap Based Inference for Clustered Errors"

Canadian Econometric Study Group Annual Meeting **(P)**, Kingston 2012
Canadian Economics Association Meeting, Calgary 2012
CIREQ Student Conference, Montreal 2012

"How Targeted is Targeted Tax Relief? Evidence from the Unemployment Insurance Youth Hires Program"

Canadian Economics Association Meeting, Ottawa 2011

(P)- Poster Presentation

Conference Discussions

Canadian Econometrics Study Group, Montreal 2019
Western Economics Association Meeting, San Francisco 2019

Doctoral Workshop in Applied Econometrics (2), Toronto	2019
Doctoral Workshop in Applied Econometrics, Toronto	2018
Southern Economics Association Conference, Tampa	2017
12th Defence and Security Economics Workshop, Ottawa	2017
The Econometrics of Complex Survey Data, Ottawa	2017
Canadian Economics Association, Antigonish, NS (2)	2017
Canadian Health Economics Study Group, Halifax, NS	2017
Doctoral Workshop in Applied Econometrics, Ottawa (2)	2017
Southern Economics Association Conference, Washington D.C.	2016
11th Defence and Security Economics Workshop, Ottawa	2016
Western Economics Association Meeting, Portland (2)	2016
Canadian Economics Association Meeting, Ottawa	2016
Southern Economics Association Conference, New Orleans	2015
10th Defence and Security Economics Workshop, Ottawa	2015
Canadian Economics Association Meeting, Toronto (2)	2015
Southern Economics Association Conference, Atlanta (2)	2014
Canadian Economics Association Meeting, Vancouver (2)	2014
Doctoral Workshop in Applied Econometrics, Toronto	2014
Canadian Economics Association Meeting, Montreal (2)	2013
Atlantic Canada Economics Association, Halifax	2013
Canadian Economics Association Meeting, Calgary	2012

Referee

Advances in Econometrics vol. 39, Canadian Journal of Economics, Canadian Public Policy (3), Computational Statistics and Data Analysis (2), Defence and Peace Economics (3), Economics of Education Review, Econometric Reviews, Journal of the American Statistical Association, Journal of Applied Econometrics (2), Quantitative Economics

Conference Organization

Doctoral Workshop in Applied Econometrics, co-organizer	2017-2019
2019 Canadian Stata Conference, chair	2019
Canadian Econometric Study Group (#35) , co-organizer	2018
Canadian Econometric Study Group at Canadian Economics Association Meetings	2018
Canadian Public Economics Group Meeting - program committee	2017
Canadian Public Economics Group at Canadian Economics Association Meetings	2016
University of Calgary - Empirical Microeconomics Conference, organizing committee	2014, 2015, 2016

Affiliations

Organizer, *Ottawa Applied Microeconomics Lab*

Research Fellow, *Education Policy Research Initiative*

Fellow, *Global Labor Organization (GLO)*

Student Supervision and Examination

Current Doctoral Students

Derek Mikola [Carleton] (co-supervisor)	2019 -
Lamis Kattan [UofO] (Committee Member)	2019 -
Michelle Laing [Carleton] (Committee Member)	2018 -
Joanne Haddad [UofO] (Committee Member)	2018 -
Nikolai Cook [UofO] (Committee Member)	2018 -
Christelle Mabeu [UofO] (Committee Member)	2018 -
Lyming Huang [Carleton] (co-supervisor)	2017 -

Previous Doctoral Students

Peerapat (Tup) Tandavanitj [UofO] (Committee Member)	2017 - 2019
First Placement: Economist, Government of Thailand	
Mingying Zhu [UofO] (Committee Member)	2017 - 2019
First Placement: Assistant Professor, Nanjing University	
Abdallah Zalghout [Carleton] (Committee Member)	2016 -2019

Master's students

Adam Gadawski (Board Member)	2017
Joshua Brault (Board Member)	2016

Undergraduate

Oluwaseyi (Shay) Ishola	2018 - 2019
Joshua Roxborough (Carleton Undergraduate Research Opportunity)	2017

Research Assistants

Derek Mikola, Phd Student,	2018/05 -
Mehtab Hanzroh, MA Student,	2019/3 - 2019/8
First placement: Ph.D. Student at Queen's University.	
Oladapo Odumosu, MA Student,	2017/8 - 2017/12
First placement: Economist at Environment Canada.	
Joshua Roxborough , BA Student	2017/7 - 2018/08
First placement: MA student at Queen's University.	
Scott McNeil, MA Student	2016/02 - 2017/8
First placement: Data Scientist at Shopify.	
Chris Cheng, MA Student	2015/11 - 2017/11
First placement: Data Coordinator at FLIR systems.	

Service

Carleton University

Research Achievement Award 2020 Selection Committee	2019
COOL RDC Management Committee	
Carleton University Representative	2017-

Faculty of Public Affairs

Indigenous Hiring Committee	2019

Department of Economics

Econometrics Comprehensive Exam Committee	*ongoing*
Econometrics Hiring Committee	2019
Empirical Microeconomics Hiring Committee	2018
Labour Economics Comprehensive Exam Committee	2018, 2019
Tenure and Promotion Committee Member	2017-2018
Undergraduate Committee Member	2016-

Non Academic Jobs

GE Commercial Equipment Financing, Montreal, Quebec 2005

Co-op Quality Analyst

JCClark Ltd., Toronto, Ontario 2004

Co-op Equity Research Analyst

Other Details

Citizenship: Canadian **Birth Year:** 1983 **References:** Upon Request

Last updated: March 2, 2020

February 24, 2020

Stanley L. Winer

Canada Research Chair Professor in Public Policy
School of Public Policy and Administration and Department of Economics
Carleton University, Ottawa,
Ottawa-Carleton Graduate School of Economics,
and CESifo, Munich.

Office: School of Public Policy and Administration
Carleton University
Ottawa, Ontario, Canada K1S 5B6
Phone: (613) 520-2600 ext. 2630
Fax: (613) 520-2551
Email: stanley.winer@carleton.ca
Web: www.carleton.ca/winer
Authorpage: www.amazon.com/author/stanleywiner

PhD. Economics	Johns Hopkins	1975
M.A. Economics	Johns Hopkins	1973
B.A. Economics & Mathematics	Carleton University	1971

EMPLOYMENT EXPERIENCE (with teaching duties):

2001 ---	Canada Research Chair Professor in Public Policy, Tier I, Multidisciplinary in Social Science, School of Public Policy and Administration and Department of Economics. *Renewed for 7-year terms, April 2015, and October 2008.*
2016 (April)	Visiting Professor, School of Public Finance and Taxation, Southwestern University of Finance and Economics, Chengdu, China
2010 (Oct-Nov)	Visiting Professor (and ICER Fellow), Department of Institutional Economics, University of Economics, Prague
2008 – 2009 (6 months)	Visiting Professor, Department of Public Policy and Public Choice, University of Eastern Piedmont, Alessandria, Italy.
2003 (Fall term)	Fulbright-Duke Visiting Chair, Duke University
2002 (April-May)	Special lecturer, Hebrew University of Jerusalem, Department of Political Science, Policy Studies Program
1999-2001	Short courses in taxation, Ministry of Finance, Vietnam-Canada Financial Management Project, Hanoi (one or two weeks in each of Aug. 1999, Nov. 1999, May 2000, July 2000, May 2001).
1999 ---	Cross appointment, Professor, Department of Economics and School of Public Policy and Administration, Carleton University
July 1997	Special course in macroeconomics for students from the Central

	Statistical Agency, Beijing. One-week course at McGill University
1990 Fall Term	Special Lecturer in microeconomics, Local Government Program, Department of Political Science, University of Western Ontario
1990 Summer	Lecturer in microeconomics and cost-benefit analysis, Institute of Public Administration, People's University of China, Beijing
1989-90	Visiting Professor, Department of Economics, University of Western Ontario
1988 --	Professor, School of Public Administration
1982-83	Visiting Associate Professor, Graduate School of Industrial Administration, Carnegie-Mellon University
1981-88	Associate Professor, School of Public Administration
1978-81	Assistant Professor, School of Public Administration
1976-78	Assistant Professor, Department of Economics, Carleton University
1975-76	Research Economist, Economic Council of Canada

VISITING RESEARCH PROFESSORSHIPS and FELLOWSHIPS:

2018 (Sept-Oct)	Visiting Associate, Center for Economic Studies, Ludwig Maximilian University, Munich
2015 (Sept-Oct)	Visiting Associate, Center for Economic Studies, Ludwig Maximilian University, Munich
2011 (May)	Visiting Associate, Center for Economic Studies, Ludwig Maximilian University, Munich
2006 (April)	Visiting Associate, Center for Economic Studies, Ludwig Maximilian University, Munich
2003 (July)	Visiting Associate, Center for Economic Studies, Ludwig Maximilian University, Munich
(2002 ---)	Research Associate, Centre for Economic Studies, Ludwig Maximilian University, Munich
2016 (Jan-March)	Visiting Professor (Research), School of International and Public Policy, Hitosubashi University, Tokyo
2012 (April-May)	Visiting Professor (Research), Condorcet Centre, University of Rennes I
2012 (February)	Visiting Professor (Research), National Institute of Public Finance and Policy, New Delhi

2010 (May-June)	Visiting Scholar, International Center for Economic Research, Turin
2009 (May-June)	Visiting Scholar, International Center for Economic Research, Turin
2006 (May-June)	Visiting Scholar, International Center for Economic Research, Turin
2005 (May-July)	Visiting Scholar, International Center for Economic Research, Turin
2004 (Jan-June)	Visiting Professor (Research), University of California at Irvine, Center for the Study of Democracy and Department of Economics
1997 - 2000	Visiting Research Fellow, Statistics Canada, Ottawa
1996 Fall Term	Visiting Professor, Département de science économique et Centre de recherche et développement en économique, Université de Montréal
1996 (May-Aug)	Visiting Fellow, Director's Section, Research School of the Social Sciences, Australian National University
1991 (May12-19)	Special Research Visitor, Economics, Ben-Gurion University, Beersheva
1982 (April-July)	Paterson Centre for International Exchanges and the Canada Israel Foundation for Academic Exchanges, Haifa University.

ACADEMIC AND PROFESSIONAL RESPONSIBILITIES:

1) TEACHING AND TRAINING

Teaching

Second Year (Economics): Macroeconomics, Statistical Inference
Third-Fourth Year (Economics): Microeconomics, Public Economics, Benefit-Cost Analysis
Masters (Public Policy): Microeconomics, Macroeconomics, Benefit-Cost Analysis, Tax Policy, Political Economy, Applied Econometrics
PhD (Economics): Public Economics, Political Economy, Applied Econometrics
PhD (Public Policy): Microeconomics, Microfoundations for the Study of Institutions

Supervision, Research Visitors, and Training

Inaugural supervisor, PhD in Public Policy, 1990-95. The first such program in Canada.

Post-doctoral fellows

Michele Giuranno, 2004-06. PhD Catania and Essex, now at the University of Salento, Lecce, Italy).

Cheng Gu, 2004-2006. PhD Dongbei, now at the School of Public Finance and Taxation, Dongbei University of Finance and Economics, Dalian, China.

PhD Students since 1992: Major Supervisor

Public Policy

Mark MacDonald, completed 1998.

Richard Levesque, completed 2010.
Ivan Taylor, completed 2011.
Silvia Garcia, completed 2016.

Economics

Kirk Collins completed 2003. (Carleton-UOttawa joint PhD, co-supervisor).
Haizhen Mou, completed 2009. (Carleton, co-author).
Sophie Bernard completed 2011. (Carleton-UOttawa joint PhD, co-supervisor, co-author).
James Splinter, completed 2019. (Carleton, Supervisor).
Jérôme Archambault, current (Carleton-UOttawa joint PhD, co-supervisor, co-author).

PhD Students since 1992: Member of Committee

Public Policy

Kevin Moore
Stephanie Paterson
Barbara Allen
Kevin Murphy
Alexandre Couture-Gagnon
Anteneh Belayneh, current.

Economics

Joshua Gogo
Andrew Garzoni
Samira Hazanzadeh
Jean-Baptiste Tondji.

Visiting PhD students:

Viola Lucas, University of Hamburg, Fall 2013.
Hunkar Gulkar, Marmara University, Istanbul, 2013-14.
Ambar Zahara, JNU, New Delhi, Winter 2011.

Masters by thesis/research paper

Tow Soon Lim, Public Policy 1985 (co-supervisor).
Gustav Goldman, Sociology 1994 (member of committee).

MA and Honours BA directed studies.

Numerous.
Meghan Byars (Undergraduate Research Course, 2016).

Visiting Professors:

Yadollah Dadgar, Professor, Behesty University, Tehran, Iran. 2019-2020.
Haizhen Mou, Associate Professor, University of Saskatchewan, Fall term 2016.
Bharatee Dash, Assistant Professor, National Institute of Public Finance and Policy, Delhi, Fall term 2014, Fall term 2017 (*Shastri Visitor)*.
Pinaki Chakraborty, Professor of Public Finance, National Institute of Public Finance and Policy, Delhi, Summer 2011 *(Shastri Visitor).*
Samia Costa, University of St. Gallen, June 2004.
Gebhard Kirchgaessner, University of St. Gallen, Summer 2002.

Overseas Training:

Ministry of Finance, Hanoi, various periods, 1999-2001. With follow-up at Carleton.

Renmin University, Beijing, Summer 1990. Two of my students subsequently graduated with MA's from Carleton (1992-94) and went on to further studies at McGill and Rand respectively: *Hongmei Fan, and Daochi Tong.*

2) STUDIES AND RESEARCH

Current Research Topics

The integration of public finance and collective choice. This longstanding research program combines the traditional concerns of public finance with the analysis of collective choice mechanisms and explores the implications of the resulting frameworks for the positive and normative analysis of taxation, public expenditure and public policy generally. The newest addition here is a monograph (in preparation for CUP) on *Political Competition and the Study of Public Finance* (with Stephen Ferris).

Political competition in mature democracies: what is it, how do you measure it, and does it matter? This research is concerned with the meaning, measurement, and consequences for public policy of variation in the degree of political competition in mature democracies. Applications include elections to the parliament of Canada and their consequences over the history of the modern state from 1867, elections for the United States Senate from 1922 and, the measurement and consequences of competitiveness in elections at the state level in India. The newest addition here is a planned program of empirical work on 'Inequality and Political Competition' in the Indian states (with Gordon Anderson and Bharatee Dash).

Migration and public policy in Canada. Internal and international migration are important determinants of regional and national well-being. In this work I investigate the consequences of regional variation in the generosity of the unemployment insurance system and other public policies for interprovincial migration. I have also studied the role of Canada-U.S migration in the evolution of fiscal structure in Canada.

Publications - Books and monographs

Political Competition and the Study of Public Finance. A monograph in the *Elements of Public Economics* Series. Cambridge University Press. In progress. Completion expected March 2021 (with Stephen Ferris).

Interregional Migration and Public Policy in Canada: An Empirical Study. Montreal: McGill-Queen's University Press. 2012 (with Kathleen Day). 408 pages.
Winner of the Purvis Prize ($10,000) from the Canadian Economics Association, June 2013.

Political Economy in Federal States: Selected Essays of Stanley L. Winer. Cheltenham U.K.: Edward Elgar Publishing. 2002. Twelve papers written between 1975 and 2000, of which three are previously unpublished.

Democratic Choice and Taxation: A Theoretical and Empirical Analysis. New York: Cambridge University Press, 330 pages, 1999 (with Walter Hettich). Paperback edition 2005. eBook edition 2009.

Internal Migration and Fiscal Structure: An Econometric Study of the Determinants of Inter-Provincial Migration in Canada. Ottawa: Economic Council of Canada, 1982. 98 pages (with Denis Gauthier).

Interprovincial Migration Data: A Supplement to "Internal Migration and Fiscal Structure", Economic Council of Canada, May 1982. 150 pages (with Denis Gauthier)].

Publications - Edited books and journals

Coercion and Social Welfare in Public Finance: Economic and Political Dimensions. Co-Editor with Jorge Martinez-Vazquez. Cambridge University Press. Hardcover and Kindle editions, May 2014. Paperback, October 2014. 356 pages. Based on a small workshop I co-organized with the purpose of producing this contribution to the Wicksellian tradition in public finance.

Editor, *Symposium on Heterogeneity and Public Policy, Parts 1 and 2.* Special issue of *Public Finance and Management,* 9(2/3), Sept. 2009.

Political Economy and Public Finance: The Role of Political Economy in the Theory and Practice of Public Economics. Cheltenham U.K.: Edward Elgar Publishing. 2002. e-book 2014. An edited volume based on plenary sessions I organized for the 57th IIPF Congress in 2001 (with co-editor Hirofumi Shibata).

Editor, *Special Issue on the Role of Political Economy in the Theory and Practice of Public Finance*. *International Tax and Public Finance* volume 9(4), Aug. 2002, 325-521.

Knocking on the Back Door: Canadian Perspectives on the Political Economy of Freer Trade with the United States, Halifax: Institute for Research on Public Policy, 1987, 220 pages (co-editor with Allan Maslove).

Publications - Refereed journal articles

The Measurement of Electoral Competition, With Application to Indian States. *Electoral Studies* 62, 2019 (with Bharatee Dash and J. Stephen Ferris).
https://doi.org/10.1016/j.electstud.2019.102070

"Fiscal Incidence When Both Individual Welfare and Family Structure Matter: The Case of Subsidization of Home-care for the Elderly". *Public Finance Review,* 43(3), 2015, 373-401 (with Haizhen Mou).

"Wealth Transfer Taxation: An Empirical Investigation". *International Tax and Public Finance* 21(4), 2014, 720-767 (With Paola Profeta and Simona Scabrosetti).

"Explaining Variation in the Competitiveness of U.S. Senate Elections, 1922 – 2004." *Public Choice* 161, 2014, 471 - 497 (with Lawrence Kenny and Bernard Grofman).

"Democracy, Inequality and the Environment When Citizens Can Mitigate the Health Consequences of Pollution Privately or Act Collectively". *European Journal of Political Economy* 34, 2014, 142-156 (with Sophie Bernard and Louis Hotte).

"Do departures from democratic accountability compromise the stability of public finances? Keynesianism, central banking, and minority governments in the Canadian system of party government, 1867-2009." *Constitutional Political Economy* 23(3), 2012, 213-243 (with Stephen Ferris and Bernard Grofman).

"Environmental Regulation and Trade Openness in the Presence of Private Mitigation". *Journal of Development Economics* 97, 2012, 46-57 (with Louis Hotte).

"Closing the 49th Parallel: An Unexplored Episode in Canadian Economic and Political History" *Canadian Public Policy* 37(3), 2011, 307-336 (with James Davies).
Runner up for Vanderkamp prize, 2012

"Consumption versus Income Taxation: Three Moments in the Political Economy of Fiscal Choice". *Public Finance and Management*, 9(3), Sept. 2009, 31 pages online (with George Warskett and Walter Hettich).

"Studying the Role of Political Competition in the Evolution of Government Size Over Long Horizons." *Public Choice* 137, Aug. 2008, 369-401 (with Stephen Ferris and SooBin Park).

"Searching for Keynesianism". *European Journal of Political Economy*, 24(2), June 2008, 294-316 (with Stephen Ferris).

"Is it Economics or Politics? Trending Economic Factors and the Structure of Congress in the Growth of Government, 1930 - 2002". *Public Choic*e 113, 389-402, 2008. With data set at www.carleton.ca/~winers. (Major author, with John Aldrich, Bernard Grofman and Michael Tofias).

"Just How Much Bigger is Government in Canada: A Comparison of the Size and Structure of the Public Sectors in Canada and the United States". *Canadian Public Policy*, 33(2), 173-206, June 2007. With an accompanying spreadsheet at www.carleton.ca/winer (with Stephen Ferris).
Runner up for the John Vanderkamp prize, 2008.

"Internal Migration and Public Policy in Canada: An Empirical Study". *International Tax and Public Finance* 13, Sept. 2006, 535-564. (with Kathleen Day).

"Analyzing the Interdependence of Regulation and Taxation". *Public Finance Review* 34(4), 2006, 1-26 (with Walter Hettich)

"Tax Systems in the World: An Empirical Investigation into the Importance of Tax Bases, Collection Costs, and Political Regime". *International Tax and Public Finance* 13(2/3), 181-215, May 2006 (with Lawrence Kenny). ***Reprinted*** in James Alm and Jorge Martinez-Vazquez (eds.). *Tax Reform in Developing Countries, Volume I.* Edward Elgar, 2015, 437-471.

"The Political Economy of Government Size". *European Journal of Political Economy* 21, Sept. 2005, 643-666 (with George Tridimas).

"Tinpots, Totalitarians (and Democrats): An Empirical Investigation of the Effects of Economic Growth on Civil Liberties and Political Rights". *Public Choice* 108, 2004, 289-323 (with Muhammed Islam).

"Political Influence, Economic Interests and Endogenous Tax Structure in a Computable Equilibrium Framework: With Application to the United States, 1973 and 1983". *Public Choice* 109(1), 2001, 66-99 (with Louis Hotte).

"The Complexity of Tax Structure in Competitive Political Systems", *International Tax and Public Finance* 5, 1998, 127-155 (with G. Warskett and W. Hettich).
"Decision Externalities, Economic Efficiency and Institutional Response" *Canadian Public Policy*, 21(3), 1995, 344-361 (with Walter Hettich). *Vietnamese version* available at www.carleton.ca/winer.

"Economic Efficiency, Political Institutions and Policy Analysis", *Kyklos* 46 (1), 1993, 3-25 (with Walter Hettich).

"Dispute Resolution and Self-Selection: An Empirical Examination of the Federal Public Sector, 1971-1982". *Industrial Relations/Relations Industrielles* 48(3), 1993, 146-162 (with Gene Swimmer).

"Debt and Tariffs: An Empirical Investigation of the Evolution of Revenue Systems," *Journal of Public Economics* 45, 1991, 215-242 (with Walter Hettich).

"Economic and Political Foundations of Tax Structure," *American Economic Review* 78(4), 1988, 701-712 (with Walter Hettich). ***Reprinted*** in James Alm (ed.). *The Economics of Taxation, Volume I*. Edward Elgar, 2011, 325-338. ***Reprinted*** in James Alm and Jorge Martinez-Vazquez (eds.). *Tax Reform in Developing Countries, Volume II*. Edward Elgar, 2015, 608-619.

"Federalism, Special Interests and the Exchange of Policies for Political Resources," *European Journal of Political Economy* 3, Special Issue 1987, 33-54 (with Walter Hettich).

"Money and Politics in a Small Open Economy," *Public Choice*, 51, 1986, pp. 221-239.
"The Role of Exchange Rate Flexibility in the International Transmission of Inflation in Long and Shorter Runs: Canada 1953 to 1981," *Canadian Journal of Economics* 19, February 1986, pp. 62-86.

"Vertical Imbalance in the Fiscal Systems of Federal States," *Canadian Journal of Economics*, 19, November 1986, 745-765 (with Walter Hettich).

"Blueprints and Pathways: The Shifting Foundations of Tax Reform," *The National Tax Journal*, 38, December 1985, 423-445 (with Walter Hettich). ***Reprinted*** in P. White (ed.), *The International Library of Essays in Law and Legal Theory, Tax Law Volume II*, Dartmouth Publishing Co. 1995, 3-26.

"A Positive Model of Tax Structure," *Journal of Public Economics*, 24/1, 1984, 64-87 (with Walter Hettich). *Reprinted* in Wallace Oates (ed.). *The Economics of Federalism and Local Finance*. The International Library of Critical Writings in Economics, Edward Elgar Publishers, 1998.

"Analysis of Constitutional Change: Comment on the Papers by Thomas Courchene and Albert Breton," *Public Choice, Carnegie Papers on Political Economy*, 44, 1984, 273-278. Refereed by Editorial Board.

"Some Evidence on the Effect of the Separation of Spending and Taxing Decisions," *Journal of Political Economy*, 9, February 1983, 126-140. ***Reprinted*** in *Problemi di Administrazione Publica*, 9, Formez, Naples, 1984, 93-118.

"Optimal Fiscal Illusion and the Size of Government," *Public Choice*, 35, 1980, 607-622 (with E.G. West). ***Reprinted as*** "La ilusión fiscal óptima y tamaño del sector público". *Hacienda Pública Española*. 1988. 276-286

"Will Federal Centralization Help the Poor?" *Canadian Public Policy*, Autumn 1980, 662-667 (with E.G. West).

"The Individual, Political Tension, and Canada's Quest for a New Constitution." Canadian Public Policy, Winter 1980, 3-15 (with E.G. West).

"Short-Run Monetary-Fiscal Influences in a Federal State: With Application to the Post-War Canadian Economy 1947 to 1973," *Public Finance Quarterly*, 10, 1979, 395-424.

"Stabilization and Non-Federal Behaviour in an Open Federal State: An Econometric Study of the Fixed Exchange Rate, Canadian Case," *Empirical Economics*, 2, 1977, 195-211 (with M. Sheikh).

"Faltering Federalism and French Canadians," *Journal of Canadian Studies*, 1977, 44-52 (with N. H. Lithwick). Refereed by editorial board.

Publications - Invited Handbook and Encyclopaedia Articles (refereed)

"The Political Economy of Taxation: Power, Structure, Redistribution". In R. Congleton, B. Grofman and S. Voigt (eds.) *The Oxford Handbook of Public Choice*. Oxford University Press. 2019. Chapter 24. 50 printed pages.

Interregional Migration in Canada. *Global Encyclopedia of Public Administration, Public Policy, and Governance*, Editor-in-Chief Ali Farazmand**.** Section Editors Lon Felker and Paul Trogen. Springer. 2017. 16 pages. (with Kathleen Day).
https://link.springer.com/referenceworkentry/10.1007/978-3-319-31816-5_2858-1

"The Political Economy of Taxation." In *Oxford Bibliographies in Political Science.* Ed. Rick Valelly. New York: Oxford University Press, January 2014. (with Paola Profeta and Walter Hettich). 45 pages in manuscript form, about 120 entries, annotated with introductions. (See http://www.oxfordbibliographies.com/obo/page/political-science). DOI: 10.1093/OBO/9780199756223-0083
"Structure and Coherence in the Political Economy of Public Finance". In B. Weingast and D.

Wittman (eds.). *The Oxford Handbook of Political Economy*. Oxford University Press, 441-463, 2006 (with Walter Hettich).

"The Political Economy of Taxation: Positive and Normative Analysis When Collective Choice Matters". In C. Rowley and F. Schneider (eds.). *The Encyclopaedia of Public Choice*, Kluwer Academic, 2004, 173-190 (with Walter Hettich). (The first encyclopaedia of public choice). Revised version titled 'Taxation'. ***Reprinted*** in C. Rowley and F. Schneider (eds.). *Readings in Public Choice and Constitutional Political Economy*, Springer 2008, 391-423.

"Rules, Politics and the Normative Analysis of Taxation". in Richard Wagner and Jurgen Backhaus (eds.). *Handbook of Public Finance.* Kluwer Academic Publishers 2004, 109-138 (with Walter Hettich).

"The Political Economy of Taxation", in D. Mueller (ed.), *Perspectives on Public Choice: A Handbook*, Cambridge University Press, 1997, 481-505 (with Walter Hettich). **Japanese** version available at www.carleton.ca/winer.

Publications - Papers in refereed edited volumes

"On the Definition and Nature of Fiscal Coercion". In Richard Wagner (ed.), *James M. Buchanan. A Theorist of Political Economy and Social Philosophy*. 2018, Chapter 23. Palgrave Macmillan (with George Tridimas).

"The Duverger-Demsetz Perspective on Electoral Competitiveness and Fragmentation: With Application to the Canadian Parliamentary System, 1867 - 2011". In. M. Gallego and N. Schofield (eds.) *The Political Economy of Social Choices*. Springer, 2016, 93-122. www.springer.com/gp/book/9783319401164. (with Stephen Ferris and Bernard Grofman).

Coercion, Welfare and Public Finance. Chapter 1 in J. Martinez-Vazquez and S.L. Winer (eds.). *Coercion and Social Welfare in Public Finance: Economic and Political Dimensions.* Cambridge University Press, 2014, 1- 8. (with J. Martinez-Vazquez).
http://www.cambridge.org/ca/academic/subjects/economics/public-economics-and-public-policy/coercion-and-social-welfare-public-finance-economic-and-political-perspectives?format=PB

"Social Welfare and Coercion in Public Finance". Chapter 7 in J. Martinez-Vazquez and S.L. Winer (eds.). *Coercion and Social Welfare in Public Finance: Economic and Political Dimensions.* Cambridge University Press, 2014, 160-194. (with Walter Hettich and George Tridimas). http://www.cambridge.org/ca/academic/subjects/economics/public-economics-and-public-policy/coercion-and-social-welfare-public-finance-economic-and-political-perspectives?format=PB

"What do we know about the relationship between regionalized aspects of the unemployment insurance system and internal migration in Canada?" In Keith Banting and Jon Medow, eds., *Making EI Work: Research from the Mowat Centre Employment Insurance Task Force.* Toronto and Montreal: Mowat Centre for Policy Innovation, University of Toronto and McGill-Queen's University Press, 2012.
https://mowatcentre.ca/wp-content/uploads/publications/31_what_do_we_know.pdf

"Political Regimes, Institutions and Tax Systems". **In English** in E. Albi and J. Martinez-Vazquez (eds.), *The Elgar Guide to Tax Systems*, Edward Elgar 2011, 376-413 (https://www.e-elgar.com/shop/the-elgar-guide-to-tax-systems?___website=uk); **In Italian** in F. Padovano and A. Petretto (eds.).

Public Choice e Political Economy. Franco Angelli, 2010, 25-62. **In Spanish** in *Papeles de Economia Espanola* 125/126, 2010. Claves Actuales de la Fiscalidad Futuro, 353-377. (with Larry Kenny and Walter Hettich).

"Explaining Tax Reform". In Jim Alm and Mark Ryder (eds.). T*he Challenges of Tax Reform in a Global Economy*, Springer, 2006, 347-361. (with Walter Hettich).

"Public Choices and Fiscal Means: Analyzing Taxes as Collective Outcomes". In Richard Wagner (ed.) *Politics, Taxation, and the Rule of Law: The Power to Tax in Constitutional Perspective.* Kluwer Academic, 2002, 101-21 (with Walter Hettich).

"On the Reassignment of Fiscal Powers in a Federal State". In G. Galeotti, P. Salmon and R. Wintrobe (eds.) *Competition and Structure: The Political Economy of Collective Decisions: Essays in Honour of Albert Breton.* New York: Cambridge University Press, 2000, 150-173.

"Internal Migration and Public Policy: An Introduction to the Issues and a Review of Empirical Research on Canada". In A. Maslove (ed.), *Issues in the Taxation of Individuals*, University of Toronto Press, 1994, 3-61 (with Kathleen Day)

"Coercive Redistribution and the Franchise: A Preliminary Investigation Using Computable General Equilibrium Modelling," in A. Breton, G. Galeotti, P. Salmon and R. Wintrobe (eds.), *Preferences and Democracy*, Kluwer Academic Publishers, 1993, 351-376 (with Tom Rutherford).

"Checks and Balances and the Structure of Taxation in the United States & Canada," in A. Breton, G. Galeotti, P. Salmon and R. Wintrobe (eds.), *The Competitive State*, Kluwer Academic Publishers, 1991, 39-56 (with Walter Hettich).

"Tax Expenditures and the Democratic Process", in Neil Bruce (ed.), *Tax Expenditures and Government Policy*, John Deutsch Institute, Queen's University, 1988, 379-406 (with Walter Hettich).

Candide Model 1.2M: A Description for Model Users, and *Candide Model 1.2M, Lists of Variables and Equations*, Ottawa, Economic Council of Canada, 1976, (with other members of the Candide Group). Specific responsibility for government budget restraints.

Publications - Other invited journal articles and chapters

"Introduction to the Special Issue on Heterogeneity and Public Policy", *Public Finance and Management*. 9(2/3), 2009.

“Vertical Imbalance in the Federation”. In A. Maslove (ed.) *How Ottawa Spends, 2008 – 2009*. McGill-Queen's University Press 2009, 15-32. (with Walter Hettich). Revised version also **in Chinese** at www.carleton.ca/winer.

"Political Economy and Public Finance: A Brief Introduction" in *Political Economy and Public Finance: The Role of Political Economy in the Theory and Practice of Public Economics*¸ Edward Elgar 2002, 1-12. (with Hirofumi Shibata)

"What Is Missed If We Leave Out Collective Choice in the Analysis of Taxation." Invited Symposium Paper, *National Tax Journal*, 51(2), June 1998, 373-390. ***Reprinted*** in Joel Slemrod (ed.). *Tax Policy in the Real World*. New York: Cambridge University Press, 2000.

"Information, Co-ordination and Tax Policy Making", in R. Bird and T. Wilson (eds.), *Rationality in Public Policy: Retrospect and Prospect; A Tribute to Douglas Hartle*. Toronto: Canadian Tax Foundation. 1999, 19-42 (with Walter Hettich).

"Analysing the Collective Power to Tax: Models and Policy Issues". In Rick Krever (ed.), *Tax Conversations*, Kluwer Law International. 1997, 49-86 (with Walter Hettich). *Reprinted* in Japanese (first 15 pages) in *Mitagakki Zasshi*, Keio University, June 1998.

"Fiscal-Federalism in Canada and Australia: A Brief Comparison of Constitutional Frameworks, Structural Features of Existing Fiscal Systems and Fiscal Institutions", in Paul Boothe (ed.), *Reforming Fiscal Federalism for Global Competition*, University of Alberta press, 1996, 45-86 (with Allan Maslove).

"Taxation and Federalism in a Changing World", in R. Bird and J. Mintz (eds.), "*Taxation to 2000 and Beyond*", Toronto: Canadian Tax Foundation, 1992, 343-369.

"Basic Issues in the Positive Political Economy of Income Taxation", in S. Cnossen and R. Bird (eds.), *The Personal Income Tax: Phoenix from the Ashes?*" Elsevier Science, North-Holland, 1990, 265-289 (with Walter Hettich).

"The Structure of the Sieve: Political Economy in the Explanation of Tax Systems and Tax Reform," *Osgoode Hall Law Journal*, 26 No. 2, Special Issue, Summer 1988, published 1989, 409-422 (with Walter Hettich).

Publications - Other journal articles and chapters

Reflections on the Role of Optimal Design in the Tax Policy Process. In F. Gorbet and A. Sharpe (eds.). In *New Directions for Intelligent Government in Canada: Papers in honour of Ian Stewart.* Ottawa: Centre for the Study of Living Standards. October 2011, 205-210.
http://www.csls.ca/festschrift/stewartfestschrift.pdf

"The Individual Income Tax in the World". *National Tax Association, Proceedings*. 2002 (with Larry Kenny).

"The Report of the Technical Committee on Business Taxation (the Mintz report): A Panel Discussion". Rapporteur. *Canadian Tax Journal* 46(6), 1998, 1245-1277.

"Obituary: W. Irwin Gillespie: Gentle Scholar". *Canadian Journal of Economics* 1998 (with D. Bernhardt and T. K. Rymes).

"Competition, Decision Externalities and Efficiency in the Public Sector", in Bryne Purchase (ed.). *Policy Making and Competitiveness*. Policy Studies, Queens' University 1994, 157-166.

"Dispute Resolution and Self-Selection in the Public Service", in J. Boivin (ed.), *Some Aspects of International Industrial Relations*, Université Laval, 1989, 189-200 (with G. Swimmer).

"The Social Cost of Taxation and Its Policy Implications," in A. Maslove (ed.), *How Ottawa Spends, 1985*, Methuen, 1985, 162-181.

"The Department of National Health and Welfare: Expenditure Transfers to Individuals and Provinces," in G. B. Doern (ed.), *Spending Tax Dollars*, School of Public Administration, Carleton University, 1980, 119-181.

Publications - Government reports, critical comments and other papers

"Internal Migration and Public Policy in Canada: An Empirical Study". Working Paper W-01-3E. Human Resources and Development Canada, Government of Canada. July 2001. Published 2003**.** 294 pages (with Kathleen Day). Refereed.

"Internal Migration and Public Policy in Canada". *Applied Research Bulletin.* Human Resources and Development Canada, Government of Canada (with Kathleen Day). 2003.

"The Nature, Causes and Consequences of Interprovincial and Intraprovincial Migration for Newfoundland and Labrador: A Discussion of Research Alternatives". For the Province of Newfoundland and Labrador, September 1998 (with Dane Rowlands).

"Internal Migration and Public Policy in Canada: The Economic Issues". Briefing Paper for Human Resources and Development Canada, September 1996.

"Approaches to Study of the Public Sector". Paper commissioned by The Economic Council of Canada, 1994 (with Allan Maslove).

"Broader Issues Concerning the Constitutional Assignment of Spending Responsibilities" In Paul Boothe (ed.). *Alberta and The Economics of Constitutional Change*, Edmonton: Canada West Foundation for Economic Research 1992, 58-63.

"An Introduction to Longer Run Issues in the Design and Conduct of Fiscal Policy in Canada". Paper prepared for a World Bank sponsored conference on Long Run Fiscal Policy, Shenzhen China, August 1991.

"Choosing an Appropriate Time Horizon for Taxation: A Comment on Goode and Vickrey" in L. Eden (ed.), *Papers in Honour of Carl Shoup*, Duke University Press, 1991, 168-171.

"Approaches to a Study of the Public Sector: Process, Institutions and Outcomes", Economic Council of Canada Discussion Paper, November 1990 (with Allan Maslove).

"Business-Related Non-Immigrant Migration to the U.S. from Canada: A Preliminary Investigation Using Publicly Available U.S. Data." Research report for the Association of Universities and Colleges of Canada, 1986 (with Monica Boyd).

"Consequences of the Interdependency of Government Budget Restraints," Economic Council of Canada Discussion Paper No. 49, 1976.

"Simulation of the Macroeconomic Effects of an Air Pollution Abatement Program with the use of the CANDIDE Model: A Feasibility Study". Research report for the Department of the

Environment, 1980 (with Ronald Bodkin).

"Financing of Macropolicy in Open Federal States: An Econometric Investigation of the Canadian Case Using Candide 1.2M," Economic Council of Canada Discussion Paper No. 67, 1976, (with Munir Sheikh).

Publications - Recent data sets

Stanley L Winer, J. Stephen Ferris and Bharatee Bhusana Dash (2019). "Replication Data for 'The Measurement of Electoral Competition, With Application to Indian States". https://doi.org/10.5683/SP2/N3GJR4. Scholars Portal Dataverse.

Panel Data for the Study of Indian State Elections, 1952 - 2009. https://doi.org/10.5683/SP2/E1ZRXU, Scholars Portal Dataverse.

Stanley L. Winer and J. Stephen Ferris, with Haizhen Mou, Derek E. H. Olmstead and Jérôme Archambault, and with assistance of Samira Hasanzadeh, Beatriz Peraza, Sarah Mohan, Alexandre Couture Gagnon and Audrey Tong. (2019). "Data Set on Federal Elections, With Superconstituencies, Canada 1867 - 2015, Elections 1 - 42". https://doi.org/10.5683/SP2/1N4Y1G. Scholars Portal Dataverse.

Other data sets at www.carleton.ca/winer.

Publications - Current working papers

"In Defense of Majoritarianism". *Carleton Economic Papers* 17-06, March 2017. Forthcoming in André Blais, Cris de Clercy, Anna Esselment and Ronald Wintrobe (eds.). *Across Boundaries: Essays in Honour of Robert A. Young*. Working paper version at www.carleton.ca/winer.

"Franchise extension and fiscal structure in the United Kingdom 1820 - 1913: A new test of the redistribution hypothesis." (with Toke Aidt and Peng Zhang). CESifo working paper, Feb 2020. Presented at the CEA meetings, Banff, 2019; the European Public Choice meetings, Rome, April 2018; the IIPF Congress, Glasgow, August 2019 and other venues. At www.carleton.ca/winer.

"Political Competition and the Private-Public Structure of Public Expenditure: A Model and Empirics for the Indian States ". Carleton University and NIPFP working paper. This revised version December 2019. (with Pinaki Chakraborty, Bharatee Dash and J. Stephen Ferris.). Presented at Hitosubashi University February 2016, Osaka University and GRIPS Tokyo, March 2016, the National Institute of Public Finance and Policy, Delhi, January 2016, the Public Choice meetings, Charleston, March 2018, the CPEG-UK Public Economics Workshop, McMaster University, April 2018, and Indian Statistical Institute, December 2018. At www.carleton.ca/winer.

"A Dynamic Model of Political Party Equilibrium: The Evolution of ENP in Canada, 1870 - 2015." (with J. Stephen Ferris and Derek Olmstead). Under revision for the 2020 CEA meetings.

Publications - Book Reviews

Peter Aucoin, *The New Public Management: Canada in Comparative Perspective*. Institute for Research on Public Policy, 1995. *Canadian Public Policy* 23(1), 1997, 117-118.

Sven Steinmo, *Taxation and Democracy*, Yale University Press, 1993. *National Tax Journal* 57(4), December 1994, 883-887.

D. Bös, M. Rose and C. Seidl (eds.), *Welfare and Efficiency in Public Economics*, Springer Verlag, 1988. *Canadian Journal of Economics* 22(13), August 1989, 703-706.

"Challenging Issues in the Study of Fiscally-Induced Migration," *Canadian Journal of Regional Science* 9(3), Autumn 1986, 382-387.

A. Premchaud, *Government Budgetary and Expenditure Controls: Theory and Practice*, International Monetary Fund, 1983. *Journal of Money, Credit and Banking*, May 1983.

Dan Usher, *The Economic Prerequisite to Democracy*, Oxford: Basil Blackwell, 1981. *Canadian Public Administration* 26, Spring 1983.

Roger S. Smith, *Tax Expenditures: An Examination of Tax Incentives and Tax Preferences in the Canadian Federal Income Tax System*, Toronto, Canadian Tax Foundation, 1979. *Canadian Public Administration* 23, Fall 1980.

Wallace Oates (ed). *Financing the New Federalism.* Johns Hopkins University Press. *Canadian Journal of Economics* 11(4), 1977, 721-724.

Research Grants and Contracts

- Kanta Marwah Research Grant in Peace and Security. With Stephen Ferris. Canada-India Center for Excellence, Carleton University. 2014-2016. $10,000.
- What is the Quality of Governance Across Indian States, and Does it Matter? With Stephen Ferris. SSHRCC (economics), 2013-2016. $73,852.
- What do we know about the relationship between regionalized aspects of the unemployment insurance system and internal migration in Canada?" Mowat Center Task Force on Employment Insurance. University of Toronto. October 2011. $10,000.
- Political Competition: Empirical Studies of Canada and the United States. With Bernard Grofman, Stephen Ferris and Lawrence Kenny. SSHRCC (political science). 2007-2011. $87,290.
- The Environment, Trade, Democracy Nexus. With Louis Hotte. SSHRCC (economics), 2007-2011, $44, 000.
- Fulbright Canada Visiting Chair, Duke University, Fall term, 2003. $25,000 (U.S.).
- The Influence of Public Policy on Interprovincial Migration. With Kathleen Day. Human Resources Development Canada, with the assistance of Statistics Canada. September 1997-August 2000. $56,000.
- Searching for Keynes. Carleton University GR6. With Stephen Ferris. 1998. $5000
- Taxation by Democratic Government. With Walter Hettich., SSHRCC (economics). 1991-1995. $31,750.
- Grant for International Representation, SSHRCC. 1993, $2,000.
- Consultant for report 'Revised Approach to the Evaluation of Tax Measures at the Department of Finance', Office of the Auditor General of Canada, 1993.
- Participant in 'Tax Experts Questionnaire', Office of the Auditor General of Canada, 1993.
- Internal Migration and Public Policy. Paper commissioned by the Ontario Fair Tax Commission. With Kathleen Day. 1992. $9500.

- Economic Efficiency and Decision Externalities. With Walter Hettich. Paper commissioned by the Queen's-University of Ottawa Project on Government and Competitiveness, 1992. $10,000
- Taxation and Federalism. Paper commissioned for the conference on `Taxation to 2000 and Beyond'. Canadian Tax Foundation. 1991. $5,000.
- Tax Expenditures and the Democratic Process. With Walter Hettich. Contract research for the Department of Finance. 1988.
- Taxes, Debt and the Size of Government. With Walter Hettich. SSHRCC (economics). 1988-1989. $10,650.
- Taxation by Democratic Government. Carleton University, GR-6. 1987. $2,000.
- Conference grant, Canada-U.S. Free Trade. With Allan Maslove. SSHRCC. 1986. $5,700.
- The Positive Theory of Tax Structure. With Walter Hettich. SSHRCC (economics). 1985-1987. $13,178.
- For International Collaboration. SSHRCC. 1985. $1,220.
- For study of tax structure, Carleton University. GR-6. 1984. $2,200.
- Alternative Approaches to Tax Reform. Research contract, Economic Council of Canada. 1984.
- The Influence of Intergovernmental Grants in Canada. Carleton University. GSRO. 1983. $1,063.
- Models of Fiscal Structure. With Walter Hettich and W. Irwin Gillespie. SSHRCC (economics). 1981-83. $9,713.
- Testing Positive Theories of Fiscal Structure. Carleton University. GR-6. 1981.
- The Relationship Between Fiscal Structure and Internal Migration". Contract research for the Economic Council of Canada. 1981-82.
- Tests of Alternative Theories of the Money Supply Process. With Ehsan Choudhri. Carleton University, GR-6. 1979-80.
- An Econometric Model of the Effects of Separating Spending and Taxing. Carleton University. GR-6. 1978-79, $1,800.
- Development of an econometric model for teaching purposes. Ontario Universities Program for Instructional Development. 1977-78. $3,200.

3) AWARDS:

Purvis Memorial Prize for best work on Canadian public policy, Canadian Economics Association, June 2013. ($10,000).

Shastri-Canadian Lecturer in India, January-February 2013.

Aid to Scholarly Publications publication award for *Interregional Migration and Public Policy in Canada*, 2010. ($8,000).

Canada Research Chair, Tier I, Multidisciplinary in Social Science, July 2001. Renewed October 2008 and May 2015 for seven-year terms.

Fulbright-Duke University Visiting Chair, Duke University, Fall 2003. ($35,000).

Research Achievement Award, Carleton University, 1998-1999. (One-year release from teaching).

Scholarly Achievement Award, Carleton University, 1986.

Scholarly Achievement Award, Carleton University, 1985.

Social Sciences and Humanities Research Council of Canada Leave Fellowship, 1982-83.

Merit Award, Carleton University, 1981.

Canada Council Doctoral Fellowship, 1972-75.

John Hopkins Fellowships, 1971-75.

Carleton University Entrance, Stitt and Linch Scholarships 1966, 1967 and 1969.

4) SELECTED PROFESSION-RELATED ACTIVITIES:

Editorial positions:

Chair, Editorial Board, *Carleton Library Series* (published in collaboration with McGill-Queens University Press). 2009-10 and 2012---.

Member, Editorial Board, *Carleton Library Series*, 2000---.

Scientific Committee, *Journal of Public Finance and Public Choice*, 2018 ---

Editorial Board, *Public Finance Review*, 2003 to 2017.

Editorial Board, *Canadian Journal of Economics*, 1986-1989.

Selected plenary and other special lectures:

Three lectures on ‘Political Competition'. Center for Economic Studies, Ludwig Maximilian University, Munich. October 2018.

John F. Graham Memorial Lecture, Atlantic Canadian Economics Society, Memorial University, October 2013.

Shastri Canadian Lecturer in India, January-February 2013. Eight lectures at various universities and institutes, Delhi, Bangalore, Mysore and Mumbai.

Three lectures on ‘Explorations in Interregional and International Migration'. Center for Economic Studies, Ludwig Maximilian University, Munich. May 2011.

"Vertical Balance in a Federal System: A Political Economy Perspective". Invited lecture, Seminar on Sub-central Public Finance. Dongbei University of Finance and Economics, Dalian China, August 2010.

"Internal Migration and Public Policy in Canada". Invited keynote lecture, Pearl Conference, Turin Italy, May 2010.

"Political Regimes, Institutions and Tax Systems". Invited plenary speaker, SIEP (Society of Italian Public Finance Economists), Pavia, September 2009. Also presented at the seminar on 'Tax Systems Whence and Wither', Malaga Spain, August 2009.

Two invited plenary lectures based on my current research, 38th Public Finance International Annual Meeting of the Argentinean public finance association, Cordoba, Argentina. September 2005.

"Structure and Coherence in the Political Economy of Public Finance". Invited Delta Marsh workshop lecture, Dept. of Economics, University of Manitoba, 2004.

"The Political Economy of Taxation". Invited Greer Lecture, University of Tennessee. October 2003.

"Rules, Politics and the Normative Analysis of Taxation". Invited plenary lecture for the European Public Choice Society, Belgirate, Italy. April 2002.

Other professional activities:

- Member, Polanyi Award Committee, Council of Ontario Universities, 2009-2011.
- Chair, Riker Award Committee 2006, American Political Science Association (to award prize for best book of the year in political economy).
- Research Associate, CESifo Network, 2001---.
- Member of the Board of Management, European Public Choice Society, 2004-2007.and member of scientific committee (Jena 2008, Taormina, 2013).
- Elected Executive Vice-president, International Institute of Public Finance, 2002-2005, and member of scientific committee (Paphos, 2006; Beijing 2013).
- Chair of scientific committee and principal organizer, 57th Congress of the International Institute of Public Finance, Linz, Austria, August 27-30, 2001. The topic of the congress is: the role of political economy in the theory and practice of public finance. A conference of 200+ papers, and 10 plenary speakers.
- Member of Canada Research Chairs College of Reviewers, 2001---.
- Member, Panel of Experts on Demographic Change for Newfoundland Department of Finance, January 2001.
- Co-organizer of the Canadian Public Economics Study Group (May 1995 and May 1998).
- Elected member of the Executive Council of the Canadian Economics Association, 1995-1998.
- Member of Public Finance Advisory Committee for Ontario Economic Council, 1981-1983.
- Participant, Third Legal Institute for Economists, University of Miami Law and Economics Centre, 1978.

5) SELECTED ACADEMIC AND ADMINISTRATIVE RESPONSIBILITIES:

- Member, Faculty of Public Affairs Research Committee, 2005 ---.
- Co-coordinator of Seminar on Economics, Politics and Public Policy, Department of Economics. Various years.
- Co-coordinator of General Research seminar, School of Public Policy. Various years.

- Administrator of Gillespie-West Fellowship, 2002-2009.
- Member of Executive Board, Center on Values and Ethics, Carleton University, 2004-2008.
- Member, Centre for Representation and Elections, Department of Political Science, Carleton University, 2000-2005.
- Carleton representative to the Humanities and Social Science Federation of Canada, 1997-2003.
- Inaugural Supervisor, Doctoral Program in Public Policy, School of Public Administration, 1991-1996.

Curriculum Vitae Format for Promotion and Other Career Decisions

NAME: Frances Woolley

DEPARTMENT: ECONOMICS

TELEPHONE NUMBER IN DEPARTMENT: Ext. 3756

CARLETON E-MAIL ADDRESS: frances.woolley@carleton.ca

A. EDUCATION

1990 Ph.D. (Economics) London School of Economics
Thesis title: Economic Models of Family Decision Making, with Applications to Intergenerational Justice

1986 M.A. (Economics) Queen's University at Kingston

1985 B.A.(Hon) Simon Fraser University

B. EMPLOYMENT

1. Academic Appointments

2013-16 Associate Dean, Curriculum and Planning
Faculty of Public Affairs, Carleton University

2003- Professor
Department of Economics, Carleton University
cross-appointed to School of Public Policy and Administration

1998-2003 Associate Professor
Department of Economics, Carleton University

1990-98 Assistant Professor
Department of Economics, Carleton University

1997 Visiting Assistant Professor,
Department of Economics, Simon Fraser University

1989-90 Visiting Lecturer
Department of Economics, University of British Columbia

2. Other Employment

None

C. PROFESSIONAL HONOURS

2001 Doug Purvis Memorial Prize ($10,000 award for best paper on Canadian economic policy published in 2000, awarded for "Taxing Canadian Families: What's Fair, What's Not" Choices vol 6(5) July 2000 with Carole Vincent)

2000 Outstanding Research Contribution Award, Canadian Policy Research Awards (for "Taxing Canadian Families: What's Fair, What's Not" *Choices* vol 6(5) July 2000 with Carole Vincent)

1997 John Vanderkamp Prize for best article published in Canadian Public Policy (for article co-authored with Arndt Vermaeten and Judith Madill)

1986-89 Commonwealth Scholarship Award

1986 SSHRC Doctoral Fellowship (Awarded but not held)

1985-86 Social Sciences and Humanities Research Council of Canada (SSHRC) Special MA Scholarship

D. PUBLICATIONS

1. Refereed Scholarly Publications

a) Books

"Taxing Canadian Families: What's Fair, What's Not" *Choices* vol 6(5) July 2000. 44 pages. (with Carole Vincent. Equal contribution by both authors.)

Translated into French and published as "Les Familles Canadiennes et le Fisc: une Question d'Équité" *Choix* vol 7(3) Mars 2001, 53 pp.

The Public Sector in Canada: A Guide to Accompany Stiglitz's *Economics of the Public Sector* New York: Norton, 1994.

b) Articles in Refereed Journals

Woolley, Frances. "The political economy of university education in Canada." Canadian Journal of Economics/Revue canadienne d'économique 51, no. 4 (2018): 1061-1087.

Woolley, Frances, Taylor Shek-wai Hui, and Carole Vincent. "Are Women Empowered to Save?" Oñati Socio-Legal Series 3(7), pp. 1249-1272, 2013

"The Evolution of Male-Female Earnings Differentials in Canadian Universities" with Casey Warman and Chris Worswick. Canadian Journal of Economics/Revue canadienne économique, Vol. 43, Issue 1, pp. 347-372, February 2010

"Global Public Goods: Critique of a UN Discourse" Global Governance 15(1), pp. 107-122, January-March 2009 Primary author, David Long; secondary author, Frances Woolley

"Control over Money and the Savings Decisions of Canadian Households" Journal of Socio-Economics 37(2), 2008, pp. 592-611 with Shelley Phipps. Equal contribution by both authors.

"Reply to Frederic Lee's Comment on 'The Citation Impact of Feminist Economics'" Feminist Economics 14(1), January 2008, pp. 141 – 143

"Policy Forum: Liability Without Control -- The Curious Case of Pension Income Splitting" Canadian Tax Journal 55(3), 2007, pp. 603 – 25

"The Citation Impact of Feminist Economics" Feminist Economics, 11(3), 2005, pp. 85-106;

"Who gets caught? Statistical discrimination in law enforcement" Journal of Socio-Economics, 34(3), 2005, pp. 289-309 (with Ambrose Leung, Richard E. Tremblay, and Frank Vitaro. Equal contributions by Leung and Woolley. Data provided by Tremblay and Vitaro.)

"Why Pay Child Benefits to Mothers?" Canadian Public Policy, 30(1), 2004, pp. 47-90.

"Intimate Matters? An Evaluation of the Law Commission of Canada's Recommendations on the Tax Treatment of Close Personal Relationships" Canadian Tax Journal, 50(3), 2002.

"Rent-Seeking and Reciprocity: A Study of the Partnership Approach to Development Assistance" Canadian Journal of Development Studies, 23(2), 2002, pp. 197-224 (lead article).

"A Cournot-Nash Model of Family Decision Making" Economic Journal October, 2001 (with Zhiqi Chen. Equal contribution by both authors.).

"Degrees of Connection: A Critique of Rawls's Theory of Mutual Disinterest" Feminist Economics 6(2): 1-22, 2000 (lead article).
Reprinted in Feminist Economics, edited by Lourdes Benería, Ann Mari May and Diana Strassmann, Edward Elgar International Library of Critical Writings in Economics, 2011.

"The Efficiency Case for Universality" Canadian Journal of Economics, 32(2): 613-629, 1999. (with Nicholas Rowe. Equal contribution by both authors.).

"Towards a Feminist Economics of Welfare" Atlantis: A Women's Studies Journal, 23(2): 112-123, 1999.

"Getting the Better of Becker" Feminist Economics 2(1): 114-120, 1996.

"Ending Universality: The Case of Child Benefits" Canadian Public Policy, 22(1): 24-39, 1996. (with A. Vermaeten and J. Madill. Principal author, Frances Woolley; secondary author, Judith Madill; research assistance, Arndt Vermaeten.)

"Measuring Inequality Within the Household", The Review of Income and Wealth, 40(4): 415-431,1994. (with J. Marshall (Madill). Principal author, Frances Woolley; secondary author, Judith Madill).

"The Feminist Challenge to Neoclassical Economics" Cambridge Journal of Economics, 17, 485-500, 1993.

Reprinted in Feminist Economics: Critical Concepts in Economics, edited by Drucilla Barker and Edith Kuiper (Routledge, 2009).

Reprinted in David Prychitko (ed.) Why Economists Disagree SUNY Press, 1998.

Reprinted in Jane Humphries (ed.) Gender and Economics, Edward Elgar, Cheltenham, Glos., 1994 (lead article).

Translated into Russian and reprinted in THESIS: Theory and History of Economic and Social Institutions and Systems 2(6): 77-100, 1994.

Reprinted in Papers on Economic Equality prepared for the Economic Equality Workshop, November 29-30, 1993, Ottawa, Canada. Canada. Minister Responsible for the Status of Women, 1994.

"The Ackroyds, the Osbornes and the Welfare State: The Impact of the Welfare State on Two Hypothetical Families over their Life-Times". Policy and

Politics, 18, 17-30, 1990. (with Julian LeGrand. Equal contribution by both authors.)

c) Articles in Refereed Conference Proceedings

"What's Mine is Mine and What's Yours is Ours: Challenging the Income Pooling Assumption with Implications for Social Policy Makers, Consumer Researchers, and Marketing Strategists" *Advances in Consumer Research*, 20, 541-545, 1993. (with J. Marshall (Madill) Principal author, Judith Madill; secondary author, Frances Woolley.)

d) Edited Books

None

e) Chapters in Edited Books

"Social benefits in the Canadian income tax system" in Reform of the Personal Income Tax in Canada Bev Dahlby (ed). Toronto: Canadian Tax Foundation, 2017.

"The Tax Implications of Same Sex Marriage" in Challenging Gender Inequality in Tax Policy Making: Comparative Perspectives Kim Brooks, Asa Gunnarsson, Lisa Philipps and Maria Wersig, eds. (ed). Hart Publishing: 2011. with Casey Warman.

"Inequality within the household reconsidered" in John Micklewright and Stephen Jenkins (ed) Inequality and Poverty Re-examined, Oxford University Press. Co-authored with Peter Burton and Shelley Phipps, 2007.

"Control over Money in Marriage" Marriage and the Economy: Theory and Evidence from Advanced Industrial Societies, Shoshana Grossbard-Shechtman (ed.), Cambridge University Press, 2003.

"Social Cohesion and Voluntary Activity" in The Economic Implications of Social Cohesion, Lars Osberg (ed.), University of Toronto Press, 2002.

"Work and Household Transactions: An Economist's View" in How Families Cope and Why Policymakers Need to Know Cheal, David, Frances Woolley and Meg Luxton (contributors) Ottawa: Renouf Publishing, 1998 (one single-authored chapter contributed by each author).

"Credits in Crisis: Evaluating Child Benefit Reform in Canada" in Feminism and Families Meg Luxton (ed.) Halifax: Fernwood Publishing, 1997 (with Judith

Madill and Arndt Vermaeten. Primary author: Frances Woolley. Secondary author: Judith Madill. Research assistance: Arndt Vermaeten.)

"Evaluating International Economic Policies: the Cecchini Report and Welfare Gains and Losses in the Single European Market" in Nations, Culture and Markets Paul Gilbert and Paul Gregory (ed.) Brookfield: Avebury, 1994. (with C. Allen. Equal contribution by both authors.)

"The NHS: Safe in Whose Hands?" in The State of Welfare, J. Hills (ed), Oxford: Oxford University Press, 1990. (with J. LeGrand and D. Winter. Equal contributions by all authors.)

2. Other (Non-refereed) Scholarly Publications

a) Non-refereed Books

None

b) Chapters in Non-refereed Books

"Ending Poverty through Child Benefits: Hitting the Wall?" in Charles Beach, Bev Dahlby, and Paul Hobson (ed). The 2009 Federal Budget: Challenge, Response and Retrospect McGill-Queen's University Press, 2010.

"Linking Economic and Social Policy – to Benefit All Canadians?" in Charles Beach and Thomas Wilson(eds.) The 2003 Federal Budget: Conflicting Tensions, John Deutsch Institute for the Study of Economic Policy, Queen's University, Kingston, Ontario, 2004.

"The Measure of Economic Gender Equality -- A Theoretical Viewpoint" in Status of Women in the Labour Market in Russia Federal Employment Service, Niznii Novgorod, Russia 2002. (With Leroy Stone and Molly McCracken. Equal contributions by all authors. Published in Russian.)

"Budget 2000: A Children's Budget?" in The 2000 Federal Budget: Retrospect and Prospect Paul A.R. Hobson and Thomas A. Wilson (ed.) Policy Forum Series -- 37, John Deutsch Institute for the Study of Economic Policy, Queen's University, Kingston, Ontario, 2001.

c) Review Articles

None

d) Articles in Non-refereed Journals

"L'autonomie économique des femmes et les decisions dépargne en vue de la retraite" Regards sur le travail 8(1): 1-8. 2012. With Taylor Hui and Carole Vincent.

"The Strengths and Limits of the Voluntary Sector" Isuma: Canadian Journal of Policy Research 2(2), 21-27, Summer, 2001.

"Compassionate Priorities for Tax Reductions" Policy Options 20(10), 18, December, 1999.

"The Benefits of Universality" Policy Options, 20(5), 57-60, June, 1999 (with Nicholas Rowe. Equal contribution by both authors.)

"For a Radical Redesign of Our Tax Treatment of the Family" Policy Options September, 1998, 7-9.

e) Articles in Non-refereed Conference Proceedings

None

f) Technical Reports

"Filling the Cavities: Improving the Efficiency and Equity of Canada's Dental Care System" CD Howe Commentary 510. May, 2018. with Åke Blomqvist. https://www.cdhowe.org/public-policy-research/filling-cavities-improving-efficiency-and-equity-canada%E2%80%99s-dental-care-system

"Understanding Gender Differences in Retirement Saving Decisions" Social Research Demonstration Corporation, 2011 with Carole Vincent and Taylor Shek-Wai Hui. http://www.srdc.org/uploads/gender_differences_en.pdf

"Women's economic empowerment and retirement savings decisions" Social Research Demonstration Corporation, 2011, with Carole Vincent and Taylor Shek-Wai Hui (summary of "Understanding Gender Differences in Retirement Savings Decisions")

"Principles of Good Property Taxation: A Primer" in City of Ottawa Task Force on Property Assessment and Property Tax Issues: Final Report November 27, 2001 City of Ottawa: Corporate Services and Economic Development Committee.

"Women and the Canada Assistance Plan" Ottawa: Status of Women Canada, March, 1995.

Les femmes et le Regime d'assistance publique du Canada, Fevrier 1995, Ottawa: Condition feminine Canada.

"Intra-Family Inequality: Implications for the Design of Income Support" Ottawa: Canadian Advisory Council on the Status of Women, November, 1994.

g) Book Reviews in Scholarly Journals

Review of Why Gender Matters in Economics by Mukesh Eswaran, Feminist Economics, 21(4): 211-214, 2015.
Review of Taxation and Gender Equity: A Comparative Analysis of Direct and Indirect Taxes in Developing and Developed Countries, edited by Caren Grown and Imraan Valodia, Feminist Economics, 17(2): 148-52, 2011.

Review of Tenure Denied, by AAUW Educational Foundation, Feminist Economics, 2007 (co-authored with Alice Woolley)

Review of Pursuing Equal Opportunities: The Theory and Practice of Egalitarian Justice by Lesley A. Jacobs, Canadian Public Policy, 30(3), 2004, pp. 343-345.

Review of Women and the Economy: A Reader Ellen Mutari and Deborah M. Figart (ed), Feminist Economics, 10(3), 2004, pp. 119-123.

Review of Engendering Economics: Conversations with Women Economists by Paulette Olson and Zohreh Emami, Feminist Economics, 10(1), 2004, pp. 143-148.

Review of The Price of Motherhood: Why the Most Important Job in the World is Still the Least Valued by Ann Crittenden Feminist Economics, 2003.

Review of The Vices of the Economists -- the Virtues of the Bourgeoisie and How to be Human -- Though an Economist by Deirdre McCloskey Feminist Economics 7(2), 2001, pp. 121-126.

Review of Introducing Race and Gender Into Economics Robin L. Bartlett (ed.) Atlantis: A Women's Studies Journal 23(2), 1999, pp. 154-155.

Review of Accounting for Tastes by Gary S. Becker, Feminist Economics, 5(2), 1999, pp. 152-156.

Review of Taxing Women by Edward J. McCaffery Feminist Economics 5(1), 1999, pp. 126-130.

Review of The Strategic Silence: Gender and Economic Policy Isabella Bakker (ed.) Feminist Economics 4(1), 1998, pp. 151-154.

"Review of On the Economics of Marriage by Shoshana Grossbard-Shechtman" Feminist Economics 1(2), 1995, pp. 121-126.

"Review of Elites and the Idea of Equality by Sidney Verba" Millennium: Journal of International Relations 17 (3), 1988, pp. 597-8.

"Review of Economic evaluations of unpaid household work: Africa, Asia, Latin America and Oceania by Luisella Goldschmidt-Clermont", Millennium: Journal of International Relations 16 (3), 1987, pp. 553-4.

"Review of Game Theory and Political Theory: An Introduction by P.C. Ordeshook", Millennium: Journal of International Relations, 16 (2), 1987, pp. 407-8.

h) Major Encyclopedia or Dictionary Articles

"Economics, Public" in Darity, William A. Jr., ed. International Encyclopedia of the Social Sciences. Second Edition. Farmington Hills, Mich.: Macmillan Reference USA, November 2007

"Family, Economics of" in The Elgar Companion to Feminist Economics Janice Peterson and Margaret Lewis (editors) Cheltenham: Edward Elgar, 1999, pp. 328-335.

Excerpted in Lynne L. Dallas Law and Public Policy: A Socio-Economic Approach, Carolina Academic Press, forthcoming, 2004.

i) Catalogues

None

j) Other

Presentation to the House of Commons Standing Committee on Finance, Thursday, May 28, 2015.
http://www.parl.gc.ca/HousePublications/Publication.aspx?Language=e&Mode=1&Parl=41&Ses=2&DocId=8007557

Presentation to the House of Commons Standing Committee on Finance, Tuesday, October 21, 2014.

http://www.parl.gc.ca/HousePublications/Publication.aspx?DocId=6735083&Language=E&Mode=1

Thomas Kenneth Rymes (1932-2011): In Memoriam. Review of Income and Wealth 2012. With Robert W. Dimand.

Presentation to the Sub-Committee on Tax Equity for Canadian Families with Dependent Children, April 22, 1999, http://www.parl.gc.ca/InfoComDoc/36/1/STFC/Meetings/Minutes/STFCmn4(977) E.htm

Presentation to the Sub-Committee on Children and Youth at Risk, March 22, 2000.

3. Creative or Professional Publications

A Larger Role for Unions: A review of Unions Matter: Advancing Democracy, Economic Equality and Social Justice, edited by Matthew Behrens. Literary Review of Canada, October, 2014

Regular contributor to the Globe and Mail's opinion pages and blog Worthwhile Canadian Initiative, http://worthwhile.typepad.com, with posts including:

"Employment Equity Policy: One Size Doesn't Fit All," March 7, 2011, in The Globe and Mail. Reprinted in Exploring the Canadian Business Environment Pearson Custom Publishing, 2011.

"Making the Most of Family Benefits" The National Post August 8, 2000 (with Carole Vincent. Equal contribution by both authors.)

"We have to restore universal tax benefits for children" The Toronto Star p. A19, August 4, 2000 (with Carole Vincent. Equal contribution by both authors.).

E. OTHER SCHOLARLY OR PROFESSIONAL ACTIVITY

1. Editorial Responsibilities

Co-Editor, Review of Economics of the Household, January 2009 - 2012
Associate Editor, Feminist Economics, January 2005 –2007
Associate Editor, Review of Economics of the Household, January, 2005 – 2008
Book Reviews Editor and Associate Editor, Feminist Economics, January 2004 - 2005

Business Editor, Canadian Public Policy, 2007-2011
Member, Editorial Board, Feminist Economics, January, 1999 - January 2004, 2007-.
Member, Editorial Board, Journal of Socio-Economics, 2007

2. Papers presented

"Does hotness pay? The relationship between appearance, productivity and earnings for Ontario economics professors" with Anindya Sen and Marcel Voia. Departmental seminar presentations at Wilfred Laurier University, November, 2016, and National Tsing Hua University, Taiwan, April, 2017.

"Economics of the Household" presentation to the Chinese Women Economists Network, Hohhot, Inner Mongolia, July, 2016.

Gender Based Analysis: A Guide for Economists. Presentation at Department of Finance, Ottawa, May, 2016.

Trust Me, I'm a Doctor. Paper presented at Carleton University Spring Conference, Kingston, May 1-3, 2015

Tax Fairness for Families: Evolution of an Idea presented at University of Toronto Tax Policy Workshop, January 29, 2013 and the meetings of the Canadian Economics Association, Vancouver, May 30th to June 1st, 2014.

"Taxation as an instrument of social policy" presentation at 2012 Queen's International Institute on Social Policy, August 20-22, 2012, Kingston, Ontario.

"Does hotness pay? The relationship between appearance, productivity and earnings for Ontario economics professors" with Anindya Sen and Marcel Voia, presented at the Society of Labor Economists Meeting, Vancouver, April 29-30, 2011, and the Canadian Economics Association meetings, Quebec City, June, 2010.

"Ethnicity and gender: double disadvantage or hidden advantage?" presented at the Allied Social Sciences Association meetings, Denver, January, 2011.

"The Same Sex Marriage Premium" workshop on The Political Economy of Gendered Institutions, October, 2008, Carleton University, and Workshop on "Mother, Workers, and Retirees: The evolution of women's roles in the economy over the past 50 years." April 17-18, 2009, Kitchener, Ontario. with Amelie LaFrance and Casey Warman.

"Endgames: Household Bargaining and the Purchase of Long Term Care Insurance" presented at the American Economics Association meetings, New Orleans, January, 2008, and the Canadian Economics Association meetings, Vancouver, June, 2008. with Elizabeth Peters, Sharon Tennyson and Haizhen Mou

"Why Public Goods are a Pedagogical Bad" Meetings of the Canadian Economics Association, Montreal, May, 2006.

"Bigots or Bayesians? A model of profiling in law enforcement" with Linda Welling. Presented University of Saskatchewan, Fifth Annual Economics Research Symposium, October 22, 2005, and Public Economics Workshop, Queen's University, November 11, 2005.

"Balancing Work and Care in the Post-Soviet Russian Labour Market" with Tatyana Teplova, paper presented at the Allied Social Sciences Association meetings, Philadelphia, January, 2005.

"Self-employment as a response to a bad labour market" presented at the Economic Forum on Women Entrepreneurs, Ottawa, Canada, November 2004.

"Feminist Economics: Who's Listening?" paper presented at the International Association for Feminist Economics conference, Oxford, August, 2004.

"Money, and how Canadian families manage theirs" presentation given to European diplomatic spouses group, Ottawa, May 11, 2004.

"Crime and Discrimination: The Unintended Consequences of Rational Law Enforcement" with Linda Welling, presented at Canadian Economics Association meetings, Ottawa, June, 2003.

"Non profits' contribution to democracy in the Americas: the case of Canada" presentation given to 31st Annual ARNOVA Conference, November 2002, Montreal Quebec.

"Feminist Economics and Disciplinary Transformation" (co-authored with David Long) presented at the 2002 Conference on Feminist Economics, July 12-24, Los Angeles, California

Participant, Roundtable: The Rational Actor and Human Sociality: Crossing the Borders between Feminist Economics and Anthropology, 2002 Conference on Feminist Economics, July 12-24, Los Angeles, California.

"Why Pay Child Benefits to Mothers" presented at the 2001 Conference on Feminist Economics, 22-24 June, 2001, Oslo, Norway.

"The Measure of Gender Inequality" (with Leroy Stone and Molly McCracken) presented at the 2001 Conference on Feminist Economics, 22-24 June, 2001, Oslo, Norway, also to Russian participants in "Women in the Russian Labour Market" project, Carleton University, July, 2001.

"The Case for Universal Child Benefits" New Directions in the Welfare State: Challenges for Women, Workshop organized by the Joint Chair in Women's Studies, Carleton University, June 9, 2000.

Panelist, "Symposium: What is 'Family Friendly' Public Policy" Second International Conference on: The Changing Family and Child Development, Banff, Alberta, June 4-5, 1999.

Panelist, Assistant Deputy Ministers' Workshop on the Interface Between Social Programs and Tax Policy, Calgary, April 29, 1999.

Panelist "Prospects for Canadian Living Standards in the New Millennium" CSLS Conference on the State of Living Standards and the Quality of Life in Canada, October 30 to 31, 1998, Ottawa, Ontario.

"Women in the Cuban Economy" seminar given at the Catedra de la Mujeres, Universidad de la Habana, January, 1998.

"Tax-Benefit Policy and the Intra-household Allocation of Resources" presented at a conference on The Family: Legal, Economic and Policy Perspectives, Vancouver, May, 1996, also at International Association for Feminist Economics Conference, June, 1996.

"The Outcome of Intra-household Bargaining: What do we know?" seminar given at the Department of Agricultural Economics, University of Wisconsin, March 28, 1996.

"Family Financial Management: Survey Design and Preliminary Results" paper presented at the International Association for Feminist Economics, Tours, France, July, 1995 and at the Canadian Women's Federation Symposium on Women's Contribution to the Canadian Economy, Toronto, Ontario, October, 1995.

"A New Approach to Testing Economic Models of Household Decision Making", presented in the Department seminar series, Dalhousie University,"Discontinuities in Labour Supplies: All in the Family", presented at the Canadian Economics Association Meetings, June, 1991.

"Barro versus Barry: Economic and Philosophical Perspectives on Intergenerational Equity", paper presented to the Institute for Research on Environment and Economy, University of Ottawa, February, 1991.

"Optimal Taxation of the household", presented at the Canadian Economics Association Meetings, June, 1990.

3. Contract or Other Research

a) Research Reports

"A Framework for Balanced Growth and Public Investment" paper prepared for the TD Forum on Canada's Standard of Living, July, 2002 (with Katherine Graham and Allan Maslove, equal contributions by all authors)

"Women and Taxation: A Survey" paper prepared for the Fair Tax Commission, September, 1991.

b) Research Grants and Awards

SSHRC Standard Research Grant (with David Long), Interdisciplinarity in the Social Sciences: Cases in Feminist Economics and International Relations, $115,136 over three years, 2004.

GR-6 Research Grant (with David Long): A Study of Interdisciplinarity, with Applications to International Relations and Feminist Economics, $7000, May 2002.

Carleton Academic Development Fund, $698.13, for travel to the 2002 Feminist Economics Conference, Los Angeles, California, July, 2002.

City of Ottawa "Principles for Good Taxation" $8,420, August, 2001.

Research Award, Dean of Public Affairs and Management, $5000, July, 2001.

Carleton Academic Development Fund, $700, for travel to the International Association for Feminist Economics meetings, Oslo, Norway, June, 2001.

Statistics Canada, Book Chapter -- Gender Equality Indicators, $5090, 2001.

Conference Research Grant, Feminist Economics Conference, $32,573.17, 1999.

Carleton Academic Development Fund, $340.56; Dean of Public Affairs and Management's Travel Fund, $125, February, 1999, for travel to the International Studies Association Conference, Washington, February, 1999.

Heritage Canada, $20,000, "Social Cohesion and the Voluntary Sector", 1998.

GR-6: Preparation for IAFFE Conference Amount: $1,500 Tenure: 1998-1999.

Carleton Academic Development Fund, $500, April, 1998 (for travel to IAFFE conference, Amsterdam, June, 1998).

Supporting Cuba's Management of Its Transformation: Enhancing the Universities' Contribution, Women's Studies Component, Amount: $80,000 Tenure: 1997-2002 (component leader from initiation until June, 1998)

Carleton Academic Development Fund, $500, Dean of Social Science Travel Fund $125, April, 1997.

Carleton Academic Development fund, $600, Dean of Social Science Travel Fund, $125, April, 1997.

GR-6: The Efficiency Case for Universality Amount: $1,700 Tenure: 1996-97. Co-investigator: Nick Rowe.

SSHRCC Major Collaborative Research Initiatives grant: Canadian International Labour Network. Amount: $1,240,000. Tenure: 1996-2001. Principal Investigators: Martin Browning, Alan Harrison, Stephen Jones and Peter Kuhn. Co-investigators: Frances Woolley and 46 other co investigators and collaborators.

Carleton Academic Development Fund, $333, Dean of Social Science Travel Fund $125, May, 1996 (for travel to IAFFE conference, Washington, DC).

SSHRC Strategic Initiatives Research Grant: Women and Money: The Allocation of Wives' Earnings and the Role of Women in Controlling and Managing Economic Resources in the Family. Amount: $85,000 Tenure: 1992-1995 Principal Investigator: Judith Madill Co-Investigator: Frances Woolley.

GR-6: Family Financial Management Systems: Implications for Family Policy. Amount: $5,000. Tenure: 1991-1992 Principal Investigator: Frances Woolley Co-Investigator: Judith Madill.

GR-6: Family Labour Supply in Canada. Amount: $3,500 Tenure: 1990-1991.

4. Other Professional Activities

a) External referee

Scholarly Journals:

Atlantis (2003), Australian Tax Forum (2015), Bulletin of Economic Research (2002), Cambridge Journal of Economics (1994-1995), Canadian Journal of Economics (1993, 1998, 2000, 2007, 2009, 2012, 2016), Canadian Public Policy (1994, 1995, 1997, 1999 – 2001, 2004, 2008-9, 2012, 2016-20), Canadian Tax Journal (2000, 2002, 2015-16), Economic Bulletin (2005), Economic Inquiry (2004, 2008), Economic Journal (1999, 2002), Economica (2008), European Economic Review (1998), Feminist Economics (1994-5, 1997-2005, 2008-2009, 2014-16, 2020), Global Governance (2016), International Tax and Public Finance (2009), Journal of Bioeconomics (2001), Journal of Canadian Studies (1990, 1999), Journal of Development Economics (1991, 1998 (twice)), JOBE (1998, 2000), Journal of Economic Education (2004), Journal of Marriage and the Family (2014), Journal of Public Economics (1988-1994, 1998, 1999, 2001), Journal of Socio-economics (2001 (twice), 2003), Non-Profit and Volunteer Sector Quarterly (2016), Oxford Economic Papers (2004), Quarterly Journal of Economics (2014), Review of Economics of the Household (2001-2008, 2014), Review of Income and Wealth (1995-97, 2012 (twice), 2013), Review of Social Economy (1996), Ricerche Economiche: An International Review of Economics (1996), Scandinavian Journal of Economics (2009), Scottish Journal of Political Economy (2010), Southern Economic Journal (2009), Studies in Political Economy (2013) World Development (2009)

Other:

Polanyi Prize Selection Committee, 2015-2017.
Member, Ontario Graduate Scholarship Selection Committee (Economics), 2012
Member, Selection Committee, SSHRC Strategic Research Grants Special Call in Management Business and Finance, February, 2008.
reviewer for SSHRC, 1996-2007, National Research Council (US) 2004, participant in Delphi Panel Study Questionnaire on the National Longitudinal Survey of Children
Blackwell Publishers (2000), Cambridge University Press (1999), McGraw-Hill Ryerson (2001, 2003, 2004), Routledge (2000-1)

b) Consultancies

Member, Statistics Canada Expert Advisory Panel on Dissemination, 2012-2016

External Reviewer, Department of Economics, University of Calgary, March, 2017.

External Reviewer, School of Public Policy, Simon Fraser University, April, 2016.

External Reviewer, Department of Economics, Brock University, May, 2008

External Reviewer, Department of Economics, Dalhousie University, 2006

Participant, National Child Benefit Evaluation Experts Consultation, Ottawa, March 30, 2000.

Participant, National Child Benefit Evaluation Experts Consultation and Market Basket Measure Experts Consultation, Ottawa, August 21, 1998.

Member, Expert Advisory Panel, National Longitudinal Survey of Children and Youth, 1996-1999.

c) Offices in Learned Societies

Past-President, Canadian Economics Association, 2018-2019
President, Canadian Economics Association, 2017-18
President-Elect and Programme Chair, Canadian Economics Association, 2016-2017
Vice-President, Canadian Economics Association, May 2015-2016
Secretary/Treasurer, Canadian Economics Association, June 2004-2007
Vice-President, International Association for Feminist Economics (IAFFE), 2000-2003
Member, Canadian Economics Association Executive, June 1998-June 2001.
Board Member, International Association for Feminist Economics (IAFFE), 1995-1998.
IAFFE link, Canadian Women Economists Network, 1996-1998, 2000
Member at large and Newsletter Editor, Canadian Women Economists Network, 1994-96
President, Canadian Women Economists Network, 1993-94, 2002-3.
Secretary, Canadian Women Economists Network, 1992-93.

d) Professional Memberships

Canadian Economics Association (life member)
American Economic Association, 1989-1999
Royal Economic Society, 1990-2001
International Association for Feminist Economics, 1992-

CSWEP (Committee for the Status of Women in the Economics Profession), 1992-

4. Scholarly Work in Progress

Does hotness pay? With Anindya Sen and Marcel Voia. Under revision for resubmission to *Journal of Human Capital*

My Wife is my Long Term Care Insurance: Household bargaining and the purchase of long-term care insurance. With Sharon Tennyson and Hae Kyung Yang.

F. ACADEMIC RESPONSIBILITIES (TEACHING)

1. Undergraduate Courses Taught

Carleton University 1990-2019:

ECON 2001	Intermediate Microeconomics for Non-Majors (Winter, 2010)
ECON 2002	(formerly 43.202) Intermediate Microeconomics (Winter 1992, 1993, Fall 1994, Fall, 1996, Fall 2004)
43.203	Intermediate Microeconomics (Winter, 1996)
ECON 3810	Women in the Economy (Fall, 1995, 1996, 1998, Winter 2005-9, Fall 2009)
ECON 3405	(formerly 43.347) Public Finance - Taxation (Winter 1992, 1993, Fall 1994, 1997, Winter 2008-2010, Winter 2012)
ECON 3403	(formerly 43.348 and ECON 3408) Public Finance - Expenditures (Winter and Fall, 1991, Fall 1992, Winter 1995, 1996, 2001-3, Fall 2005-09, 2011, Summer and Fall, 2012)
43.441	Public Economics - Taxation (Fall, 1997)
43.442	Public Economics - Expenditures (Winter, 1998)
ECON 4901	Honours Seminar: Microeconomics (Fall 2011, Winter and Fall, 2012, Winter and Fall 2014, Fall 2015, Winter, 2017)
ECON 4905	Honours Capstone Seminar (Winter, 2019)
ECON 3920	Professional Practice of Economics (Fall, 2018, Winter, 2019)

Simon Fraser University, 1997:

Econ 301-5 Intermediate Microeconomics.

University of British Columbia 1989-90:

201 Intermediate Microeconomics
326 Introduction to Econometrics
450 Public Finance - Revenue

451 Public Finance - Expenditures

2. Graduate Courses Taught

PADM 5213 (formerly 50.571 and PADM 5701) Gender and Public Policy (2000-02, Fall 2005-07)
43.542 Public Economics - Taxation (Fall, 1998)
43.503 Microeconomic Theory II (1992, 1993)
43.541 Public Finance - Expenditures (1990, 1992, 1995 - Carleton/Havana MA program, 1999)
43.670 Directed Readings (Studies in Taxation for MC Sabourin, 1997)

3. Supervisions

a) Completed

Doctoral – Supervisor:

Sarah Mohan, PhD, Economics, Carleton University, completed Summer, 2017.

Ambrose Leung, PhD, Economics, Carleton University, graduated June, 2001, now Associate Professor at Bishop's University.

Karen Buhr, PhD, Economics, Carleton University, completed Summer, 2006, now Assistant Professor at University of Maine.

Stephanie Paterson, PhD, SPPA, Carleton University, completed Fall, 2006, now Assistant Professor at Concordia University.

Master's – Supervision:

Peter Conn, MA Economics, graduated May, 2009.

Undergraduate:

Sheliza Esmail, BPAPM Honours essay, completed Spring, 2012
Robert Graham, BPAPM Honours essay, completed Spring, 2010
Nina Damsbaek, BPAPM Honours essay, completed Spring, 2008
Emma Dolan, BPAPM Honours essay, completed Spring, 2007.
Amanda Chalmers, BPA honours essay, completed Winter, 2003.

b) In Progress

Tris Harrison, PhD Candidate, School of Public Policy and Administration

4. Other Academic Responsibilities

a) Doctoral – Committee Member

Annie MacEwan, PhD, SPPA, Carleton University, completed.

Tatyana Teplova, PhD, SPPA, Carleton University, completed

Rebecca Nabert-Chubb, doctoral candidate, SPPA, Carleton University, completed Fall, 2009

b) External or Internal Examiner

James Anderson "Assessing the Role of Human Rights Protections for Sexual Minorities in HIV Prevention in Asia: A Meta-Anslysis" MA Thesis in Norman Paterson School of International Affairs, Carleton, April, 2012.

Adian McFarlane "Three Essays on the Allocation of Time in Canada" PhD Thesis in Economics, University of Manitoba, November, 2009.

Joanne Pocock, "Language, Gender and Generation" PhD Thesis, Sociology, March, 2009.

Zachary Mills "Resource Endowments, Sectoral Growth Rates, or Tax Reforms: The Multifaceted Determinants of Public Revenue in Sub-Saharan Africa" Master's Essay, NPSIA, August, 2007.

Rayna Sanford, "Making Space for Gender Analysis in International Business" Master's Essay, NPSIA, September, 2006.

Kevin D. Moore, "Tax Breaks and Tax Averaging: Longitudinal Insights into the Incidence of Deferred Income Plans" 2005.

Micheline Nehme "Equality Legislation in the Canadian Federal Public Service" Master's Thesis, Department of Law, August, 2000.

Katherine Cuff, PhD Dissertation, "Three Essays on Optimal Redistributive Policies", Queen's University, June, 2000.

Maureen O'Hara, Master's Essay, NPSIA, April, 1998.

Sheri Bailey "Household Decision Making: Relative Influence of Husbands and Wives in the 1990s" Master's Thesis, School of Business, January 19, 1998.

c) Other

Nominated for individual Service Excellence for teaching excellence, 2012.

G. ADMINISTRATIVE RESPONSIBILITIES (INCLUDING COMMITTEE WORK)

a) Committees

i) Economics Department

Member, Graduate Committee, 1998 – 2003, 2005-2010, 2011-2016.
Member, Strategic Planning Committee, 2001-2
Member, Appointments Committee, 1997-2002, 2011-12.
Member, Undergraduate Committee, Department of Economics, 1994-96.
Member, Tenure Committee, Department of Economics, 1991-1992.

ii) Other departmental committees

Member, Appointments Committee, Department of Sociology, 2006.
Member, Appointments Committee, Department of Political Science, 2002.
Member, Recruiting Committee, School of Public Administration, 1999-2000
Member, Management Committee, Environmental Studies, 1996-1998
Member, Management Committee, Pauline Jewett Institute for Women's Studies, 1990-
Member, Management Committee, School of Canadian Studies, 1994 - 1998

iii) Faculty committees

Member, PAM Research Committee, 2005-
Member, OGS/SSHRC Doctoral Fellowship Vetting Committee, 2002.
Member, Advisory Committee on the Selection of the Dean, PAM, 2002.
PAM Representative on FASS Academic Planning and Curriculum Committee, 1997-1998
FASS Faculty Board, 1997-1998 (Women's Studies Representative)
Member, Strategic Area Team II (Undergraduate), 1995 - 1996 (Economics Representative)
Member, Committee on Curriculum and Academic Planning, 1994 - 1996 (Women's Studies Representative)

iv) University committees

Senate Representative, Ombuds Coordinating Committee, 2017 –
Chair, Senate Tenure Appeal Committee, 2009-10
Member, Carleton University Senate, 2008-2010
Co-chair, Senate Student Academic Integrity Appeals Committee, 2009-2010
Member, Senate Student Academic Integrity Appeals Committee, 2006-2008
Member, SSHRC Doctoral Fellowships Committee, 1999-2000
Member, Integrative Review Committee, 1999-2002
Member, Senate Instructional Offenses Tribunal, Fall, 1998.
Carleton Library Press Economics Representative, 1997-1998
Departmental Representative, CUASA, 1990-1993

b) Other Administrative Responsibilities

Associate Dean, Faculty of Public Affairs, July 1, 2013 -2016
MA Supervisor, Department of Economics, June, 1998 - 2003
Coordinator, Department of Economics Seminar Series, 2002-03.
Coordinator, Women's Studies Component, Carleton/University of Havana CIDA proposal "Supporting Cuba's Management of its Transformation: Enhancing the Universities' Contribution" inception - June, 1998
Associate Director, Pauline Jewett Institute for Women's Studies, 1994-1996, 1997-98.

Curriculum Vitae

Christopher Worswick
Professor, Department of Economics and
Associate Dean (Research and International), Faculty of Public Affairs
Carleton University
1125 Colonel By Drive
Ottawa, ON K1S 5B6
Canada
Tel: 1-613-325-7537
christopher.worswick@carleton.ca

March 2, 2020

EDUCATION

Ph.D., Economics, University of British Columbia (now the Vancouver School of Economics), November 1995

M.A., Economics, University of British Columbia, November 1991

B.A. (Honours), Economics, Queen's University, July 1990

ACADEMIC APPOINTMENTS

Associate Dean (Research and International), Faculty of Public Affairs
July 1, 2018 - present

Full Professor, Department of Economics, Carleton University
July 1, 2011 - present

Associate Professor (tenure granted), Department of Economics, Carleton University
July 1, 2002 – June 30, 2011

Assistant Professor, Department of Economics, Carleton University
January 1, 2000 – June 30, 2002.

Lecturer (Assistant Professor equivalent) – with tenure, Department of Economics, University of Melbourne, July 1, 1999, - December 31, 1999.

Lecturer (Assistant Professor equivalent) – tenure track, Department of Economics, University of Melbourne, July 18, 1995 – June 30, 1999.

EXTERNAL AFFILIATIONS

Research Fellow, Centre for Research and Analysis of Migration (CREAM), University College London, since 2014.
http://www.cream-migration.org/personnelextfellows.php

Fellow, Global Labor Organization (GLO), since 2018. Based in Germany.
http://glabor.org/wp/fellows/

PROFESSIONAL HONOURS

Winner of a 2015 Carleton University Research Award in the Building Connections category (as member of the Migration and Diaspora Studies Steering Committee)

Winner of the 2012 Doug Purvis Memorial Prize of the Canadian Economics Association which is awarded to "…the authors of a highly significant, written contribution to Canadian economic policy" (with C.M. Beach and the late A.G. Green) for *Towards Improving Canada's Skilled Immigration Policy: An Evaluation Approach*, CD Howe Institute. https://economics.ca/en/purvisprize.php

Finalist for the 2011 Donner Prize for "best book by a Canadian on public policy" (with C.M. Beach and A.G. Green), http://www.donnerbookprize.com/s/about-the-prize/past-winners/2011/index.html

Winner of the 1998 Vanderkamp Prize (with J.T. McDonald) for best article in *Canadian Public Policy* for 1997.

Winner of the 1994 Vanderkamp Prize (with C.M. Beach) for best article in *Canadian Public Policy* for 1993.

PUBLICATIONS

Refereed Books

Beach, C., A.G. Green and C. Worswick (2011) *Towards Improving Canada's Skilled Immigration Policy: An Evaluation Approach*. Published by the CD Howe Institute, 176 pages.

Articles in Refereed Journals

Brochu, P., T. Gross and C. Worswick (2020) “Temporary Foreign Workers and Firms: Theory and Canadian Evidence,” forthcoming in *Canadian Journal of Economics*.

Warman, C., M. Webb and C. Worswick (2019) “Immigrant Category of Admission and the Earnings of Adults and Children: How far does the Apple Fall?” *Journal of Population Economics* 32(1):53-112, January.

Islam, A., S. Stillman and C. Worswick (2018) “Can Immigrants Insure against Shocks as well as the Native born?” *Applied Economics,* 50(49): 5302-5315, October.

Green, D.A. and C. Worswick (2017) “Canadian economics research on immigration through the lens of theories of justice,” *Canadian Journal of Economics*, 50(5): 1262-1303.

Ci, W., J. Galdo, M. Voia and C. Worswick (2015) “Wage Returns to Mid-Career Investments in Job Training through Employer Supported Course Enrollment: Evidence for Canada” *IZA Journal of Labor Policy*, 4:9 (May), 25 pages.

McDonald J.T., C. Warman and C. Worswick (2015) “Immigrant Selection Systems and Occupational Outcomes of International Medical Graduates in Canada and the United States,” *Canadian Public Policy*, 41 (Supplement 1), August, S116-S137.

Warman, C. and C. Worswick (2015) “Technological Change and Declining Immigrant Outcomes, implications for Income Inequality in Canada,” *Canadian Journal of Economics*, May, 48(2): 736-772.

McDonald J.T. and C. Worswick (2013) “Intergenerational Implications of Immigration Policy on Apprenticeship Training and the Educational Distribution in Canada,” *Canadian Public Policy*, May, 39(S1): 165-185.

McDonald J.T. and C. Worswick (2012) “The determinants of the migration decisions of immigrant and non-immigrant physicians in Canada,” *Social Science and Medicine*, November, 75: 1581-1588.

Green, D. and C. Worswick (2012) “Immigrant earnings profiles in the presence of human capital investment: measuring cohort and macro effects,” *Labour Economics*, 19(2) April: 241-259.

Warman, C. and C. Worswick (2010) “Mandatory Retirement Rules and the Retirement Decisions of University Professors in Canada,” *Labour Economics* 17(6): 1022-1029, December.

Warman, C., F. Woolley and C. Worswick (2010) “The Evolution of Male-Female Wage Differentials in Canadian Universities: 1970-2001,” *Canadian Journal of Economics* 43(1): 347-372, February.

Beach, C., A.G. Green and C. Worswick (2007) “Impacts of the Point System and Immigration Policy Levers on Skill Characteristics of Canadian Immigrants,” *Research in Labor Economics*, 27: 349-401.

Cobb-Clark, D.T., M. Connolly and C. Worswick (2005) “Post-migration investments in education and job search: a family perspective,” *Journal of Population Economics*, 18: 663-690.

Warman, C.R. and C. Worswick (2004) “Immigrant Earnings Performance in Canadian Cities: 1981 through 2001,” *Canadian Journal of Urban Research*, 13(1): 62-84, Summer.

Worswick, C. (2004a) “Immigrants’ Declining Earnings: Reasons and Remedies,” *C.D. Howe Institute Backgrounder series*, no. 81, April.

Worswick, C. (2004b) “Adaptation and inequality: children of immigrants in Canadian schools,” *Canadian Journal of Economics*, 37(1): 53-77.

Cameron, L.A. and C. Worswick (2003) “The Labor Market as a Smoothing Device: Labor Supply Responses to Crop Loss,” *Review of Development Economics*, 7(2): 327-41.

Moenjak, T. and C. Worswick (2003) “Vocational Education in Thailand: A Study of Choice and Returns,” *Economics of Education Review*, 22(1): 99-107.

Addison, T and C. Worswick (2002) “Impact of Immigration on the Wages of Natives: Evidence from Australian Unit Record Data,” *The Economic Record*, 78(240): 68-78.

Crossley, T.F., McDonald, J.T. and C. Worswick (2001) “Immigrant Benefit Receipt Revisited: Sensitivity to the Choice of Survey Years and Model Specification,” *Journal of Human Resources*, 36(2): 379-397.

Cameron, L.A., J.M. Dowling and C. Worswick (2001) “Education and Labour Market Participation of Women in Asia: Evidence from Five Countries,” *Economic Development and Cultural Change*, 49(3): 459-478, lead article.

Cameron, L. and C. Worswick (2001) “Education Expenditure Responses to Crop Loss in Indonesia: A Gender Bias,” *Economic Development and Cultural Change*, 49(2): 352-363.

Barrett, G.F., T.F. Crossley and C. Worswick (2000a) "Demographic Trends and Consumption Inequality in Australia between 1975 and 1993," *Review of Income and Wealth*, 46(4): 437-456.

Barrett, G.F., T.F. Crossley and C. Worswick (2000b) "Consumption and Income Inequality in Australia," *The Economic Record* 76(233) 116-138.

Dowling, J.M. and C. Worswick (1999) "Labour Market Participation of Urban Women in Southeast Asia by Migration Status: Evidence from Microdata," *Journal of Asian Economics*, 10: 91-109.

McDonald, J.T. and C. Worswick (1999a) "Wages, Implicit Contracts and the Business Cycle: Evidence from Canadian Micro Data," *Journal of Political Economy*, 107(4): 884-892.

McDonald, J.T. and C. Worswick (1999b) "The Earnings of Immigrant Men in Australia: Assimilation, Cohort Effects and Macroeconomic Conditions," *The Economic Record*, 75(228): 49-62.

Worswick, C. (1999) "Credit constraints and the labour supply of immigrant families in Canada," *Canadian Journal of Economics*, 32(1): 152-17.

McDonald, J.T. and C. Worswick (1998) "The Earnings of Immigrant Men in Canada: Job Tenure, Cohort, and Macroeconomic Conditions," *Industrial and Labor Relations Review* 51(3), 465-482.

McDonald, J.T. and C. Worswick (1997) "Unemployment Incidence of Immigrant Men in Canada," *Canadian Public Policy*, 23(4), 353-373.

Worswick, C. (1996) "Immigrant Families in the Canadian Labour Market," *Canadian Public Policy*, 22(4), 378-396.

Beach, C.M. and C. Worswick (1993) "Is There a Double-Negative Effect on the Earnings of Immigrant Women in Canada?" *Canadian Public Policy*, 19(1): 36-53.

Articles in Refereed Conference Proceedings

McDonald, J. T., C. Warman and C. Worswick (2011) "Labour Market Outcomes and Occupations of Immigrants with Medical Degrees: Evidence for Canada and the US," in *High-Skilled Immigration in a Global Labor Market, Barry R. Chiswick*, ed., AEI Press, Washington, DC.

Warman, C. and C. Worswick (2009) "Mandatory Retirement Rules and the Earnings of University Professors in Canada," in *Retirement Policy Issues in Canad*a eds. M.G.

Abbott, C.M. Beach, R.W. Boadway and J.G. MacKinnon (John Deutsch Institute for the Study of Economic Policy, Queen's University), McGill-Queen's University Press, August.

Frenette, M. V. Hildebrand, J.T. McDonald and C. Worswick (2003) "Occupational Mobility of Immigrant Men: Evidence from Longitudinal Data for Australia, Canada and the United States," in *Canadian Immigration Policy for the 21st Century*, edited by C.M. Beach, A.G. Green and J.G. Reitz, John Deutsch Institute for the Study of Economic Policy, Queen's University.

Edited Books

Canadian Immigration: Economic Evidence for a Dynamic Policy Environment (2010) J.T. McDonald, E. Ruddick, A. Sweetman and C. Worswick, eds. Queen's Policy Studies Series, School of Policy Studies, Queen's University, McGill-Queen's University Press, Montreal & Kingston, London, Ithaca.

Chapters in Edited Books

McDonald, J.T. and C. Worswick (2014) "High skilled immigration in a globalized labour market," in the *Handbook of Economics of International Migration*, Volume 1A, March, edited by B.R. Chiswick and P.W. Miller, Elsevier Press.

Green, D.A. and C. Worswick (2010) "Entry Earnings of Immigrant Men in Canada: The Roles of Labour Market Entry Effects and Returns to Foreign Experience," in *Canadian Immigration: Economic Evidence for a Dynamic Policy Environment,* J.T. McDonald, E. Ruddick, A. Sweetman and C. Worswick, eds. Queen's Policy Studies Series, School of Policy Studies, Queen's University, McGill-Queen's University Press, Montreal & Kingston, London, Ithaca.

McDonald, J.T. and C. Worswick (2010) "Visible Minority Status, Immigrant Status, Gender, and Earnings in Canada: A Cohort Analysis," in *Canadian Immigration: Economic Evidence for a Dynamic Policy Environment,* J.T. McDonald, E. Ruddick, A. Sweetman and C. Worswick, eds. Queen's Policy Studies Series, School of Policy Studies, Queen's University, McGill-Queen's University Press, Montreal & Kingston, London, Ithaca.

McDonald, J.T., E. Ruddick, A. Sweetman and C. Worswick (2010) "Introduction to Current Canadian Issues in the economics of Immigration," in *Canadian Immigration: Economic Evidence for a Dynamic Policy Environment,* J.T. McDonald, E. Ruddick, A. Sweetman and C. Worswick, eds. Queen's Policy Studies Series, School of Policy Studies, Queen's University, McGill- Queen's University Press, Montreal & Kingston, London, Ithaca.

Chapters in Non-refereed Books

Warman, C. and C. Worswick (2016) "Technological Change and Declining Immigrants' Earnings Outcomes: Implications for Income Inequality in Canada" In *The Art of the State V, Income Inequality: The Canadian Story*, edited by D.A. Green, W.C. Riddell and F. St-Hilaire, published by Institute for Research on Public Policy, Montreal. This book won the 2017 Doug Purvis Memorial Prize.

Review Articles

C. Worswick, (2013) Economic Implications of Recent Changes to the Temporary Foreign Worker Program. *IRPP Insight* 4 (October). Montreal: Institute for Research on Public Policy.

Articles in Non-refereed Journals

Worswick, Christopher (2010) "Temporary Foreign Workers: An Introduction," in *Canadian Issues/Thèmes Canadiens* volume on Temporary Foreign Workers, Spring (can be seen at www.metropolis.net).

Working Papers (not yet published elsewhere)

McDonald J.T. and C. Worswick (2013) "Retirement Incomes, Labour Supply and Co-Residency Decisions of Older Immigrants in Canada: 1991-2006." CLSRN Working Paper No. 116 April.

McDonald, J.T. and C. Worswick (2000) "Earnings and Employment Probabilities of Men by Education and Birth Cohort, 1982-96: Evidence for the United States, Canada and Australia." Discussion Paper 00-04, Department of Economics, Carleton University.

Book Reviews in Scholarly Journals

Worswick, C. (2003) "Review of: Thinking the Unthinkable: The Immigration Myth Exposed" by (Review of the book by Nigel Harris), *Journal of Economic Literature*, Volume XLI: Number 3, September.

Work in Progress

Ci, Wen, Marcel Voia and Christopher Worswick (2019) "Immigrant Earnings Returns to Post-Migration Education: Evidence for Canada by Admission Category, 1999-2013. Revised-and-resubmitted to *Canadian Journal of Economics*.

Coe, Patrick and Christopher Worswick (2020) "Experiences and Challenges of Apprentices in the Construction Sector in Ontario: Early Evidence from the My Trades Journey Survey."

RESEARCH GRANTS AND CONTRACTS

Grants:

Multidisciplinary Research Catalyst Fund (2019) "Migration Policy Research Cluster) Co-POI and administrative lead, $60,000 awarded by Carleton University's OVPRI.

Social Sciences and Humanities Research Council (SSHRC) 2016 Connection Grant competition, 'Canada 150: Visions for Canada, 2042', Co-Investigator, $25,000.

Ontario Human Capital Research and Innovation Fund (OHCRIF) grant (2015) "Returns to Post-Migration Investments in Education: Evidence for Ontario and Canada by immigrant admissions category, 1999-2012, $19,239.00. Marcel Voia was the co-applicant.

Social Sciences and Humanities Research Council of Canada: In January of 2013, I was added as a Co-investigator under the Strategic Knowledge Clusters program grant that supports the Canadian Labour Studies Research Network (CLSRN): $2,060,000 over the period 2007-2014.

Carleton University SSHRC 4A funds – 2012. "Impact of International Students on Universities in Canada, the United States and Australia" $7,500.

Carleton University SSHRC 4A funds – 2011. "Barriers to Credential Recognition and the Returns to Education and Work Experience of Immigrants in Canada", $7,500 received.

Canadian Labour and Skills Research Network, 2010 to 2012: "Retirement Income of Immigrants in Canada: 1991-2006," (with Ted McDonald), $25,000.

Canadian Labour and Skills Research Network, 2009/10: "Incidence, Occupational Outcomes and Returns to Apprenticeship Training in Canada: The Role of Family Background and Immigrant Status," (with Ted McDonald), $25,000.

Social Sciences and Humanities Research Council of Canada: "Racial Discrimination and Immigration: A Cohort Analysis of Labour Market Outcomes of Visible Minority Groups in Canada," $50,109 over 2003-2005. Principal Applicant.

Social Sciences and Humanities Research Council of Canada: "The Health Status and Use of Health Services of Immigrants in Canada, the United States and Australia." $48,000 over 2002-2004. Co-Applicant with Ted McDonald of University of New Brunswick

Social Sciences and Humanities Research Council of Canada: "Family Strategies and Immigrant Labour Market Adjustment in Canada, the United States and Australia." $37,400 over 2000-2002. Principal Applicant

Australian Research Council: "Public Policy and the Labour Market Settlement of Immigrants in Australia, Canada and the United States" A$85,000 over 1999-2001 (co-investigators - C.M. Beach and J.T. McDonald).

Australian Research Council: "Female Education and the Welfare of Families in Asia," A$130,000 over 1998-2000 (co-investigators – L. Cameron and M. Dowling).

Research Contracts:

Ontario Construction Secretariat (2014/15) 'Longitudinal study of construction industry apprentices in Ontario', funded by, $26,400. Employed one graduate student as a research assistant. Joint project with Patrick Coe.

Citizenship and Immigration Canada (2014) "Update of the Ethnic Backgrounder Documents" $20,000 – employed 4 MA students as research assistants.

Coordinated a CLSRN research program in 2014 comprising four research papers on economics of immigration, funded by the Government of British Columbia with a total budget of $100,000.

Worswick, C. (2006) "Incidence and Persistence of Early Literacy Problems: Evidence from the NLSCY, 1994-2000," Learning Policy Directorate, Strategic Policy and Planning, Human Resources and Skills Development Canada, April, SP-617-04-06E. $25,000.

Academic Seminars:

I have given many invited seminars. Below is a list of institutions where I have presented:

Australian National University
Dalhousie University
Guelph University
LaTrobe University
McGill University
McMaster University
Monash University
Queen's University
Thailand Development Research Institute in Bangkok
University of Alberta
University of British Columbia
University of Calgary
University of Essex
University of Melbourne
University of New Brunswick
University of New South Wales
University of Ottawa
University of Saskatchewan
University of Sydney
University of Tasmania
University of Toronto
University of Waterloo
York University

Conference Presentations:

I have presented at many conference overs the years. Below is a partial list of the major conferences:
American Economics Association Meetings
Australasian Econometric Society Meetings
Australasian Labour Econometrics Workshop
Australian Labour Market Workshop
Canadian Economics Association Meetings
Canadian International Labour Network (CILN) Conference
Canadian Labour Skills Research Network (CLSRN) Conference
Economic Society Meetings of Australia
OECD Conference on economics of immigration, Paris, December 2017
Society of Labor Economists Meetings

SERVICE TO THE PROFESSION:

I have refereed journal articles for the following academic journals: *American Economic Journal: Applied Economics*, *American Economic Review*, *Australian Economic Papers, Australian Economic Review, B.E. Journal of Economic Analysis & Policy, British Journal of Industrial Relations, Canadian Journal of Economics, Canadian Public Policy, Demography, Economica, Economic Journal, Economic Record, Industrial and Labor Relations Review, Journal of Development Economics, Journal of Human Resources, Journal of Labor Economics, Journal of Political Economy, Journal of Population Economics, Labour Economics* and *Social Science Quarterly.*

Organizer of 24 labour economics and economics of education sessions at the 2015 Canadian Economics Association Meetings in Toronto, June.

In 2012-14, I was a member of the three-member committee which determines the Harry Johnson (best article) and Robert Mundell (best article by a junior researcher) Prizes for the *Canadian Journal of Economics*. In 2013, I chaired this committee.

In October 2013, I co-chaired the program committee (with Gilles Grenier) of a conference on the economics of immigration held at the University of Ottawa (October 18 and 19).

In October 2010, I co-chaired the program committee (with Gilles Grenier) of a conference on the economics of immigration held at the University of Ottawa (October 29 and 30).

In 2009, I was a member of a Statistics Canada sponsored working group of seven academics with expertise in labour economics that provided advice on the design of a new Canadian household panel survey for Statistics Canada.

Between January 1, 2008 and July 31, 2009, I held the position of Priority Leader for Economic and Labour Market Integration for the interdisciplinary Metropolis Network of Research Centres in Canada.

In the winter of 2009, I served on a paper selection panel (with Krishna Pendakur and David Jacks of Simon Fraser University and Christian Dustmann of the University College London) for the conference, “The Economics of Immigration: Children of Immigrants and Temporary Migration,” May 11th -12th 2009, in Vancouver.

I was a member of the 2006/07 Social Sciences and Humanities Research Council (SSHRC) Panel 7 for Standard Research grants in Economics.

In 2002, I co-organized a conference (with David Green of UBC) on immigration for the Canadian Employment Research Forum (CERF) held in conjunction with the Canadian Economics Association Meetings in Calgary.

I have been the external examiner for PhD theses at the following institutions: University of British Columbia (Vancouver School of Economics),
Simon Fraser University, University of Manitoba, University of Waterloo, McMaster University, McGill University, University of Melbourne, Queen's University and University of Toronto.

I have been the external appraiser for promotion decisions at: Northern Illinois University, Memorial University of Newfoundland, University of Waterloo and University of Winnipeg.

TEACHING AND GRADUATE STUDENT SUPERVISION

Undergraduate Courses Taught at Carleton University

ECON 3920 Professional Practice of Economics
ECON 4360 Labour Economics
ECON 2030 Intermediate Microeconomics II
ECON 3360 Introduction to Labour Economics
ECON 4507 Economics of Development
ECON 1000 Introduction to Economics

Graduate Courses Taught at Carleton University

ECON 5362 Labour Economics II
ECON 5504 Economic Development: Internal Aspects

In 2018/19 academic year I co-taught ECON 5362 in the Fall semester with Matt Webb.

Thesis Supervisions

I have been the main supervisor of the following PhD graduates:
Muhammad Arrifin (Carleton University, completed Winter 2015)
Maoqiong Lin (Carleton University, completed 2014)
Wen Ci (Carleton University, completed 2013)
Yue Xing (Carleton University, complete 2010)

Casey Warman (Carleton University, completed 2006)
Solomon Aklilu (Carleton University, completed 2006)
Thamarak Moenjak (University of Melbourne, completed 2000)

I was the Co-Supervisor of Susan Bennett (Carleton University, 2017).

I am currently the Supervisor of Michelle Laing.

Other Academic Responsibilities

Member, Labour Economics PhD Comprehensive Examination Board, 2010-2017.

ADMINISTRATIVE RESPONSIBILITIES

University/Faculty Level:

In 2017/18, I was a member of the Carleton University Senate Review Committee.

From July 1, 2010 - June 30, 2014, member of the Carleton University Senate.

From July 1, 2011 - June 30, 2014, Governor, Carleton University Board of Governors.

In 2011/12, member of the Carleton University Senate Academic Program Committee.

In 2007/2008 and 2008/09, member of the Strategic Planning Committee of the Faculty of Graduate Studies.

In 2006/07, member of the Graduate Recruitment Committee.

Between June 2004 and December 2004, member of the joint Carleton University/University of Ottawa Working Group for the establishment of the Research Data Centre (now the COOLRDC).

In the Fall term of 2003, represented the Department of Economics on the Faculty of Public Affairs and Management Tenure and Promotion Committee.

Department Level:

Since July 1, 2016, Chair of the Department of Economics

In 2015/16, Undergraduate Supervisor and Vice-Chair of the Department of Economics.

In 2013/14 and 2014/15, MA Program Supervisor and Vice-Chair of the Department of Economics

In the academic years 2007/2008 through 2009/2010, Director of the Ottawa-Carleton Joint Doctoral Program in Economics.

Over the academic years 2004/2005 through 2006/2007, PhD Program Supervisor in the Department of Economics at Carleton University (and also the Associate Director of the Ottawa-Carleton Joint Doctoral program in Economics).

Over the period 2007/2008 through 2009/2010, Vice-Chair of the Department of Economics.

In 2012/13, chair of the Environmental Economics/Empirical Micro hiring sub-committee for the Department of Economics.

In 2011/12, chair of the Labour Economics/Behavioural Economics hiring sub-committee for the Department of Economics.

In 2007/08, chair of the Development Economics hiring sub-committee for the Department of Economics.

In 2006/07, member of the Applied Micro/Behavioural Hiring Committee for the Department of Economics.

OTHER

In October of 2017, I organized a research workshop for Employment and Skills Development Canada (Government of Canada) on methodological challenges of measuring the impact of Temporary Foreign Workers on the labour market outcomes of other workers.

On November 18, 2014, I was a member of the Canadian delegation for a three-way meeting involving a US delegation and a Mexican delegation for a Canada/USA/Mexico Roundtable on Developing Skills for a 21st Century Workforce.

On May 15, 2014, I was a witness at the Standing Committee on Finance of the House of Commons of the Government of Canada in relation to the proposed changes to the Temporary Foreign Worker (TFW) Program and immigration program.

In recent years, I have been asked to comment in the media regarding the Canadian Temporary Foreign Worker (TFW) controversies. I have given print, radio and television interviews which appeared in different media outlets including the Globe and Mail, the Toronto Star, the Vancouver Sun, and CBC's The National.

On December 4, 2012, I was a witness at the House of Commons Standing Committee on Human Resources, Skills and Social Development and the Status of Persons with Disabilities (meeting No. 60) in Ottawa.

In 2006, my co-author, Charles Beach, presented the key findings of our research (with Alan Green) on the Canadian Immigration Points System to a meeting of a U.S. Senate Committee in Washington D.C.

CURRICULUM VITAE

Name: Zhihao Yu, PhD
Professor
Department of Economics
Faculty of Public Affairs
Carleton University
Ottawa, Ontario, K1S 5B6
Canada

Tel: 1-613-520-2600 Ext. 3763
Fax: 1-613-520-3906
1125 Colonel By Drive
Email: **zhihao.yu@carleton.ca** **or**
zhihao.yu@gmai.com

A. EDUCATION

PhD (Economics), Department of Economics, University of British Columbia

M.A. (Economics), University of New Brunswick

M.Sc. (Management Science), Shanghai Jiao Tong University

B.Sc. (Hon.), Shanghai Jiao Tong University

B. EMPLOYMENT

1. Academic Appointments

2012 -present Full Professor
Department of Economics, Carleton University

2005 - 2012 Associate Professor (with tenure)
Department of Economics, Carleton University

2002 - 2005 Assistant Professor
Department of Economics, Carleton University

1998 - 2002 Lecturer
School of Economics, University of Nottingham, U.K.

1989 - 1991 Lecturer
Department of International Trade, Shanghai Jiaotong University

C. PROFESSIONAL HONOURS

2002 - Present External Research Fellow, *Leverhulme Centre for Research on Globalisation and Economic Policy (GEP),* United Kingdom

2004.11.29 Panelist, *Academic Roundtable on the Development of an Emerging Market Strategy with the Minister of International Trade* (the Honorable James S. Peterson), Federal Government of Canada, Ottawa

2005.11.3 Panelist, *Roundtable on Trade and Development with Minister of International Trade* (the Honorable James S. Peterson) *and Minister of International Cooperation* (the Honorable M. Aileen Carroll), Federal Government of Canada, Ottawa

2006.5 2006 *Research Achievement Award*, Carleton University

2007 – 2010 Editorial Advisor, *Canadian Journal of Economics*

2010 – Present Member of the Editorial Committee of *Frontiers of Economics in China*

2011 – 2012 Guest Editor, *Review of Development Economics*

2013.5 *2013 Research Excellence Award*, Faculty of Public Affairs, Carleton University

2013.12 Keynote Speaker, *Conference on "The Transition of the BRICKS' Economy under Globalization"*, December 7-8, 2014, Shanghai

D. PUBLICATIONS

1. Refereed Scholarly Publications

a) **Articles in refereed Journals**

"Product Quality, Incomplete Contract and the Product Cycle," (with H. He), ***International Review of Economics and Finance*** 53 (2018), 160-167.

"Agglomeration and Firm Export," (with C. Sun and T. Zhang), ***Frontier of Economics in China*** March 2018, 13(1), 16-132.

"Measured skill premia and input trade liberalization: evidence from Chinese firms," (with B. Chen and M. Yu), ***Journal of International Economics*** 109 (September 2017): 31-42.

"The Evolving Patterns of Global Production of Multi-Product Firms." (with H. He), ***Canadian Journal of Economics***. August, 2015, 48(3), 1175-94.

"The Trouble with Offshoring: Static and Dynamic Losses in the Presence of Unemployment" (with R. Brecher and Z. Chen), ***The World Economy***, 2013, v36(1), 1-11. (Lead Article).

"Resource differences between Born Global and Born Regional firms: Evidence from Canadian Small and Medium-Sized Manufacturers 1997-2004" **(**with S. Sui and M. Baum **)**, ***International Business: Research, Teaching and Practice,*** 2013, v7(1): 57-73.

"The Dynamics of Expansion to Emerging Markets: Evidence from Canadian Exporters," (with S. Sui), ***Review of Development Economics***, 2013, v17(3): 510–522.

"Economies of Scope and Patterns of Global Outsourcing," ***Review of International Economics*** 2012, v20(4), 854-68.

"Globalization Beyond Partitioning: back to Krugman's World," (with J. Jorgensen and P. Schroder), ***Review of World Economics*** (*Weltwirtschaftliches Archiv*), 2012, v148(1), 73-87.

"The Pattern of Foreign Market Entry of Canadian Exporters," (with S. Sui), ***Canadian Public Policy***, 2012, v38(3), 341-59.

"International New Ventures: Prevalence and Longitudinal Trends" (with S. Sui and M. Baum), ***International Marketing Review,*** 2012, v29(5), 519-535.

"Understanding the Fear of Globalization," ***The World Economy***, 2011, v34, 1168-1180.

"Division of Labor and Endogenous Comparative Advantage: A Smith-Ricardian Model of International Trade," ***Review of International Economics,*** 2011, v19, 313-324.

"Demographic Dynamics and Economic Take-Off: Economic Impact of China's Population-Control Policies," ***The Chinese Economy,*** 2011, v44, 72-90.

"Technology Transfer and the South's Participation in an International Environmental Agreement" (with L. Qiu), ***Review of International Economics,*** 2009, v17, 409-427.

"Strategic Trade Policy Aspects of the Kyoto Protocol: Extracting Oil Rents", ***Asian Pacific Journal of Accounting and Economics***, 2007, *v14, 219-234.*

"A Theory of Mutual Migration of Polluting Firms" (with L. Zhao and Y. Onuma), ***Canadian Journal of Economics,*** 2005, v38, p900-918.

"Environmental Protection: A Theory of Direct and Indirect Competition for Political Influence," ***Review of Economic Studies***, 2005, v72, 269-286.

"Trade, Market Size, and Industry Structure: the Home Market Effects Revisited," ***Canadian Journal of Economics***, 2005, v38, 255-272.

"Trade Liberalisation and Strategic Outsourcing," ***Journal of International Economics***, (with Y. Chen and J. Ishikawa), 2004, v63, 419-436.

"The Link between Immigration and Trade: Evidence from the U.K." (with S. Girma), ***Weltwirtschaftliches Archiv*** (***Review of World Economics***), 2002, v138, 115-130.

"Economies of Scales and the Volume of Intra-industry Trade" (with N. Schmitt), ***Economics Letters,*** 2001**,** v74, 127-132.

"Entrepreneurship and Intra-industry Trade" ***Weltwirtschaftliches Archiv*** (***Review of World Economics***), 2002, v138, 227-90.

"A Model of Substitution of Non-tariff Barriers for Tariffs," ***Canadian Journal of Economics***, 2000, v33, 1069-1090.

b) <u>Chapters in Edited Books</u>

"Horizontal Intra-industry Trade and the Growth of International Trade" (with N. Schmitt), chapter 3 in ***Frontiers of Research on Intra-industry Trade***, edited by Peter Lloyd and H. Lee, pp33-48, Palgrave (Macmillan), 2002.

2. Other (Non-refereed) Scholarly Publications

a) <u>Book</u>

Frontiers of International Trade and Investment (国际贸易与投资前沿, co-authored with L. Qiu, B. Xu, and J. Ju), pp1-155, Shanghai Renmin Publisher, 2008 (ISBN 978-7-5432-1417-0).

b) <u>Book Reviews</u>

Review of *Environmental Policy, International Agreements, and International Trade* (edited by Alistair Ulph), ***Economic Journal***, Issue 483, November 2002.

Review of *The Economics of Nature: Managing Biological Assets* by G. Cornelis Van Kooten and Erwin H. Bulte, ***The World Economy*** vol 25 (2), Feb. 2002.

3. Scholarly Work-in-Progress

a) <u>Papers currently under review at refereed journals</u>

urnal of Development Economics.

b) Papers in-progress

"Firm Heterogeneity, Product Quality and Product Cycle" (with H. He)

"Agglomeration and Trade with Heterogeneous Firms" (with C. Sun and T. Zhang).

"The Nexus of Persistent Trade Surplus and High GDP Growth: Theory and Evidence," (with M. Guo and X. Zhao).

"The Role of Fixed and Marginal Costs in Firm's Export Decision" (with S. Peng)

E. OTHER SCHOLARLY OR PROFESSIONAL ACTIVITY

1. Invited Presentations at International Research Centers and Government of Canada

30-31 October 2012, "The Nexus of Persistent Trade Surplus and High GDP Growth: Theory and Evidence", Leverhulme Centre for Research on Globalisation and Economic Policy (GEP), China Branch.

9 July 2009, "Economies of Scope and Patterns of Outsourcing," Leverhulme Centre for Research on Globalisation and Economic Policy (GEP), China Branch.

13 March 2009, "The Political Economy of Industrial Policy, " ***Workshop on Industrial Policy and International Trade,*** Industry Canada, Ottawa.

12 September 2006, "An Endogenous Yardstick Political Competition Approach," Institute of Social and Economic Research, University of Osaka, Japan.

12-13 March 2005, "Why Take on the Tobacco Industry: the Political Economy of Government Anti-smoking Campaign," ***California Workshop on Trade and the Environment,*** University of California, Santa Barbara, California. U.S.A.

11-12 December 2004, "Economies of Scope and Patterns of Global Outsourcing," Conference on ***New Dimension in International Trade,*** Research Institute of Economics and Business (RIEB), Kobe University, Japan

10-11 May 2002, "Trade Liberalisation and Strategic Outsourcing, " ***NBER Universities' Research on "Firm Response to Trade Policies"***, Cambridge, Mass. U.S.A.

24-25 March 2000, "Immigration and Trade Creation: What Can the Evidence from U.K. Tell Us?" Murphy Institute Conference on the *Political Economy of Migration*, Tulane University, New Orleans, USA.

4. Papers Presented at Academic Conferences

16-18 July 2015, "Incomplete Contract and Product Cycle: A Comment" Annual meeting of IEFS-China (International Economics and Finance Society), UIBE, Beijing, China

26-28 June 2015, "Incomplete Contract and Product Cycle: A Comment" Annual Meeting of Asian Pacific Trade Seminars (APTS), Australian National University, Canberra, Australia.

21-22 June 2013, "Export Decision of Heterogeneous Firms: Fixed Cost vs Variable Cost", The 5th annual meeting of IEFS-China, SUIEB, Shanghai. China.

2-3 June 2012, "The Nexus of Persistent Trade Surplus and High GDP Growth: Theory and Evidence" (with X. Zhao), The fourth annual Meeting of the International Economics and Finance Society China, Tianjing.

26-27 May 2012, "The Nexus of Persistent Trade Surplus and High GDP Growth: Theory and Evidence" (with X. Zhao), The second annual Meeting of the China Trade Research Group, Jinan.

8-10 September 2011, "Multi-product Firms and the Patterns of Global Production" (with H. He), Annual Meeting of the European Trade Study Group (ETSG). Copenhagen, Demark.

21-22 May 2011, "Multi-product Firms and the Patterns of Global Production" (with H. He), Annual Meeting of the International Economics and Finance Society China, Beijing

11-12 June 2011, "The Trouble with Offshoring: Static and Dynamic Losses in the Presence of Unemployment", the first annual meeting of China Trade Research Group, Shanghai

17-19 December 2010, "The nature of evolution of global production," The 6th Biannual Conference of Hong Kong Economic Association. Tianjing

17-19 September 2010, "The nature of evolution of global production," Midwest International Economics Meeting, University of Wisconsin, Madison

May 2010, "Understanding the Fear for Globalization", Annual Meeting of IEFS-China, Beijing.

24-25 April 2010, "Born Global, Born Regional, and Graduate Global? Evidence from Canadian Small and Medium-Size Manufacturers," (with Sui Sui) *Social and Economic Conference 2010*, Statistics Canada, Ottawa.

20-21 May 2009, "Division of Labor and Comparative Advantage: A Smith-Ricardo Model of International Trade," The first annual meeting of IEFS-China, Beijing.

13-14 September 2008, "Globalization beyond Partitioning," (with Jan G. Jorgensen and Philipp J.H. Schroder), Annual meeting of the European Trade Study Group, Warsar.

9 July 2008 "A Multinomial Logit Analysis of Foreign Market Expansion of Canadian Exporting Enterprises," 2008 Summer Workshop on International Trade (organized by Hong Kong University and Shanghai University of Finance and Economics), Shanghai

6-8 May 2008, "A Multinomial Logit Analysis of Foreign Market Expansion of Canadian Exporting Enterprises," (with Sui Sui) *Social and Economic Conference 2008*, Statistics Canada, Ottawa

7-8 July 2007, "The Fare of Competitive Pressure of Globalization and Outsourcing," Annual Meeting of Asian Pacific Trade Seminars (APTS), Shanghai.

18-19 2007, "Strategic Trade Policy Aspects of the Kyoto Protocol: Extracting Oil Rents", The APJAE Symposium on Strategic Trade Policy and Economic Development, Hong Kong

22-26 June 2006, "Economies of Scope and Patterns of Global Outsourcing", Annual Conference of the Academy of International Business, Beijing, China.

9-12 July 2006, "Economies of Scope and Patterns of Global Outsourcing", 2006 Far East Meeting of Econometric Society, Beijing, China

30-31 July 2005, "IT, Production Specialization, and Division of Labor: A Smith-Ricardo Model of International Trade", paper presented at the Asia Pacific Trade Seminars annual meeting, Hitotsubashi University, Tokyo.

21-23 March 2005, “Economies of Scope and Patterns of Global Outsourcing”, paper presented at the Royal Economic Society Annual Conference, Nottingham, UK.

1-3 October 2004, "International Environmental Agreements and Environmental Technology Transfer", paper presented at the Annual meeting of the Canadian Resource and Environmental Economists (CREE), University of Calgary.

2-3 June 2004, "Political Economy of Government Anti-smoking Campaigns", paper presented at the Annual Meeting of the Canadian Public Economists Group (CPEG) 2004, University of Toronto.

30 April - 2 May, “A Political-Economy Theory of Government Anti-smoking campaign", paper presented at the Midwest Theory Meetings, IUPUI, 30 April May 2, 2004.

30 April - 2 May 2004, "Economies of Scope and Patterns of Outsourcing", the Midwest International Trade Meetings, IUPUI.

3-6 January 2004, “MEAs and Environmental Technology Transfers”, the AEA/ASSA meetings at San Diego.

30 May - 1 June, 2003, “MEAs and Environmental Technology Transfers,” the 34th Annual Meeting of Canadian Economic Association, Ottawa.

24-27 June 2002, “MEAs and Environmental Technology Transfers,” the Second World Congress of Environmental and Resource Economists, Monterey, CA.

3-5 May 2002, , “Trade Liberalisation and Strategic Outsourcing”, the Midwest International Meetings, Northwestern University.

14-16 September 2001, “Trade Liberalisation and Strategic Outsourcing,” the Third Annual Meeting of the European Trade Study Group, ULB, Brussels.

28-30 June 2001, “A strategic trade and environmental policy view of the Kyoto Protocol”, the 11th Annual Conference of the *European Association of Environmental and Resource Economists*, University of Southampton, U.K.

15-17 September 2000, “Market Integration and Industrial Structure: the Home Market Effects Revisited”, the Second Annual Conference of the European Trade Study Group, University of Glasgow, Scotland

11 – 16 August 2000, “Market Integration and Industrial Structure: the Home Market Effects Revisited”, *The Eighth World Congress of the Econometric Society*, University of Washington, Seattle.

30 June – 2 July 2000, “Environmental Protection and Free Trade: Direct and Indirect Competition for Political Influence,” the Tenth Annual Conference of the *European Association of Environmental and Resource Economists*, University of Crete, Greece.

1 – 4 June 2000, "Market Integration and Industrial Structure: the Home Market Effects Revisited", The Annual Meetings of the *Canadian Economics Association*, University of British Columbia, Vancouver.

24 - 26 September 1999, "Environmental Protection and Free Trade: Direct and Indirect Competition for Political Influence", the European Trade Study Group 1st Annual Conference, Erasmus University, Rotterdam, Netherlands.

10 - 12 September 1999, "Environmental Protection and Free Trade: Direct and Indirect Competition for Political Influence", the International Economics Study Group 24th Annual Conference, University of Birmingham, Birmingham, U.K.

30 April – 2 May 1999, "The Economics of Trade in Variety", the Mid-west Trade and Theory Meetings, Purdue University, West Lafayette, IN, U.S.

19 – 22 March 1999, "The Economics of Trade in Variety", Royal Economic Society Annual Conference, University of Nottingham, Nottingham, U.K.

5. Invited seminar presentations at other universities

In North America: Queen's University, McGill University, Simon Fraser University, Wilfred Laurier University, University of Calgary, University of Guelph, Syracuse University, University of Missouri;

In Europe: University of Nottingham, Copenhagen Business School, University Birmingham, University of Warwick;

In Japan: Hitotsubashi University, Hokkaido University, Kobe University (RIEB), Keio University, Kyoto University, Nagoya University, Osaka University, Waseda University, Okayama University;

In other Countries/Regions: Hong Kong University of Science and Technology, Shanghai Jiao Tong University, Shanghai University of Finance and Economics, Shanghai University of International Economics and Business, University of Shanghai, Taiwan National University, National Tsinhua University (Taiwan), Seoul National University (Korea), Academia Sinica (Taiwan).

5. Research Grants

2008 – 2011, SSHRC Strategic Research Grant, "Global Trade and Industry Dynamics," Social Science and Humanities Research Council of Canada, $95,000 (with Research Time Stipends). Role: Principle Investigator.

2007 – 2010, SSHRC Standard Research Grant, "Investigating the Patterns and Business Strategies of Foreign Expansion of Canadian Exporters," Social Science and Humanities Research Council of Canada, $45,000. Role: Principle Investigator.

2004 – 2007, SSHRC Standard Research Grant, "Production Specialization, Outsourcing, and International Trade", Social Science and Humanities Research Council of Canada, $51,860 (with Research Time Stipends). Role: Principle Investigator.

2002, New Faculty Research Fund, Carleton University, $10,000.

2000, Quick Response Fund, "Intra-industry Trade and the Volume of International Trade", University of Nottingham, £600

2000, New Lecturer Research Fund, University of Nottingham, £5,000

6. Other Professional Activities

a) External referee for Scholarly Journals

American Economic Review (AER)
Asian Pacific Journal of Accounting and Economics
B.E. Journals in Economic Analysis & Policy
Canadian Journal of Economics (CJE)
Economic Bulletin
Economic Inquiry
Economic Journal (EJ)
Economic Record
Environment and Resource Economics
European Economic Review (EER)
Frontier of Economics in China
International Economic Review (IER)
International Journal of Industrial Organization (IJIO)
Journal of Economic Geography
Journal of Economics and Management Strategy (JEMS)
Journal of European Economic Association (JEEA)
Journal of Economic Integration
Journal of Environmental Economics and Management (JEEM)
Journal of International Economics (JIE)
Journal of International Trade and Economic Development
Journal of Political Economy (JPE)
Manchester School
Pacific Economic Review
Review of Economic Studies (REStu)
Review of Development Economics
Review of International Economics
Review of World Economics (Weltwirtschaftliches Archiv)
Southern Economic Journal
The World Economy

b) External examiner for other universities

PhD Thesis external examiner, University of Toronto;

Tenure and Promotion external appraiser, Old Dominion University;

Tenure and Promotion external appraiser, University of Singapore;

External appraiser for Chair Professor Appointment, Shanghai Jiao Tong University.

External appraiser for Changjiang Scholar Chair Professor, Ministry of Education of China.

c) Referee for other agencies

Appraiser for SSHRC grant application, Social Sciences and Humanities Council of Canada;

Referee for Industry Canada Publication;

Referee for International Trade Canada Publication.

F. ACADEMIC RESPONSIBILITIES (TEACHING AND SUPERVISIONS)

1. Thesis Supervision

i) **Completed Phd Supervision**:

Year	Name of Student	Title of PhD Dissertation	Placement
2006-2010	Available upon request	Empirical Investigation of Foreign Market Expansion and Survival of Canadian Exporters	Assistant Professor (tenure-track) Ted Rogers School of Management Ryerson University

ii) Completed Undergraduate Thesis Supervision*:

Year	Name of Student	Title of Undergraduate Dissertation
2003-2004	Available upon request	The Returns to Bilingualism in the Canadian Labour Market

* MA and BA students in economics at Carleton are not required to write theses.

2. Exam Board

i) PhD Comprehensive Exam Board in International Economics, (August 2003, May 2005, May 2006, May 2008, August 2008, May 2010, August 2010, May 2011)
ii) PhD Thesis Exam Committee, University of Ottawa (2008, 2010)

3. Graduate Courses Taught

Econ 5603: Topics in International Economics (2005-2006, 2008-2013)

4. Undergraduate Courses Taught

Econ 2002 Intermediate Microeconomics I
Econ 2003 Intermediate Microeconomics II
Econ 2009 Managerial Economics
Econ 3601 Introduction to International Trade
Econ 4601 International Trade and Policy
Econ 4020 Microeconomic Theory

G. ADMINISTRATIVE RESPONSIBILITIES (INCLUDING COMMITTEE WORK)

1 Departmental Level

Departmental Seminar Co-ordinator (2003-2004, 2007-2008)
Member of Tenure and Promotion Committee (2002-2003)
Member of Hiring Committee (2002-2003, 2005-2006, 2010-2011)
Member of M.A. Committee (2003-2005, 2006-2007, 2008-2010, 2012-2013, 2016-2017)
Member of PhD Committee (2011-2012)

2 Faculty Level

Member of International Studies Sub-Committee (2003-2004, 2004-2005), Kroeger College
Member of the Faculty Research Committee (2014-2015, 2015-2016), Faculty of Public Affairs

3 University Level

Member of the University Selection Committee for the Research Achievement Awards, 2007-2008

Curriculum Vitae

March, 2020

Jiankang Zhang

Associate Professor
Department of Economics
Carleton University

1125 Colonel By Drive
Ottawa, Ontario
K1S 5B5

Tel: (613) 520-2600 ext. 3774
Fax: (613) 520-3906

E-mail: jiankang.zhang@carleton.ca
URL: www.carleton.ca/~jzhang

A. EDUCATION

Ph.D., Economics, University of Toronto, June 1998 (Thesis Title: "Essays on Subjective Ambiguity")

M.A., Economics, University of Windsor, October 1992

M.S., Stochastic Processes & Statistics, Beijing Jiaotong University, Beijing, May 1987

B.S., Mathematics, Zheng Zhou University, China, September 1982

B. EMPLOYMENT

1. Academic Appointments

   Associate Professor, Department of Economics, Carleton University, July 2004 to present

Visiting Professor, Department of Economics, Shandong University, China (On Sabbatical, July 2012 to July 2013)

Assistant Professor, Department of Economics, Carleton University, July 1999 to June, 2004

Post-Doctoral Fellow, Department of Economics, The University of Western Ontario, July 1998 to June 1999

Instructor, Department of Economics, University of Windsor, July 1998 to June 1999

2. Other Employment

Teaching Assistant, Department of Economics, University of Toronto, 1992-1998

Research Assistant to Professor Lary Epstein, Department of Economics, University of Toronto, 1993-1994

Research Assistant to Professor M. Wooders, Department of Economics, University of Toronto, 1992-1993

Teaching Assistant, Department of Economics, University of Windsor, 1991-1992

Research Assistant to Professor Y. Fan, Department of Economics, University of Windsor, 1991-1992

Lecturer, Department of Mathematics, Beijing Jiaotong University, 1987-1991

C. PROFESSIONAL HONOURS

None

D. PUBLICATIONS

1. Refereed Scholarly Publications

"p-Weakly Constrained Pareto Efficiency and Aggregation in Incomplete

Markets," *Social Choice and Welfare*, September, 1-19, 2012 (with Chenghu Ma)

"Optimal Dividend Payouts under Jump-diffusion Risk Processes," *Stochastic Models* 25: 332–347, 2009 (with Jiezhong Zou, Zhenzhong Zhang)

"Subjective Ambiguity, Expected Utility and Choquet Expected Utility," *Economic Theory* 20, no.1, 159-181, 2002

"Subjective Probabilities on Subjectively Unambiguous Events," (with L. Epstein), *Econometrica* 69, 265-306, 2001 (lead article)

"Least Convex Capacities," (with L. Epstein), *Economic Theory 13*, 263-286, 1999 (lead article)

"Qualitative Probabilities on λ - Systems," *Mathematical Social Sciences 38*, 1120, 1999

"The Dynamic Theory of Consumer's Behavior," *Journal of Northern Jiaotong University 15*, No. 2, 1991

"The Q-Matrix Problems of Finite Systems," *Chinese Journal of Applied Probability & Statistics 4*, 1988

2. Creative or Professional Publications

None

E. OTHER SCHOLARLY OR PROFESSIONAL ACTIVITY

1. Editorial Responsibilities

None

2. Papers Presented

"Ambiguity, Risk, and Attitudes toward Them," presented at the Annual Meetings of Shandong World Economics Association, October 18-19, 2019, Jinan, Shandong, China

"A New Definition of Ambiguity Aversion," presented at the conference FUR 2018 (Foundations of Utility and Risk), June 25-28, 2018 at York, UK.

"The High Contact Principle with Reward Function Containing Initial Point," (with Dongmei Guo) Presented in Mathematical Department, Shandong University, China (May, 2008), Accepted by Far Eastern and South Asian Econometric Society Meeting, 2008, The University of Central South China, May, 2012

"The Effect of Capital Gains Taxation on Bubbles," (with Huntley Schaller), Submitted to the Econometric Society Meeting

"Overconfidence, Capital Gains taxation, and Asset Price Bubbles," Presented in Mathematical Department, Shandong University, China (November, 2005) and Economics Department, Shandong University, China (March, 2006)

"Asset Price Bubbles and Optimal Stopping Times," Presented in Mathematical Department, TongJi University, Shanghai, China (April, 2006)

"Stochastic Differential Equations and Asset Price Bubbles," Presented in Mathematical Department, Beijing Normal University, China (May, 2006)

"Subjective Probabilities on Subjectively Unambiguous Events," 34th Annual Meetings of the Canadian Economics Association, 1-4 June, 2000

"Subjective Ambiguity, Expected Utility and Choquet Expected Utility," New Themes in Decision Theory under Uncertainty, Paris, 28-30 June, 1999

3. Contract Or Other Research

SSHRC, $10000, April, 2006 (AMBIGUITY, AMBIGUITY AVERSION, and AMBIGUITY PREMIUM)

SSHRC, $30500, April 2001 (Project Title: "Dynamically Consistent Beliefs and Their Applications to Public Choice and Asset Pricing")

Carleton University, GR-6 research grant, $3000, August 1999 (Project Title: "Subjective Ambiguity and Its Applications to Public Choice and Financial Problems")

Carleton University, GR-6 research grant, $1500, August 2000 (Project Title: "Dynamically Consistent Beliefs and Their Applications to Public Choice and Asset Pricing")

4. Other Professional Activities

None

5. Working papers and Scholarly Work in Progress

"More Ambiguity Aversion or More Risk Aversion?"

"Small Risks, Portfolio Selections, and Equilibrium Risk Premiums under CRRA-Lognormal Setup," (with Qinghai Wang)

"Large Investor, Information Acquisition, and Imperfection Competition," (with Qinghai Wang)

"Integrating Dynamic Optimizing and Time Series Models: The Case of Production," (with Jeffrey I. Bernstein)

"Incomplete Markets and the Representative Agent," (with Chenghu Ma)

"Can Median-Maximizing Behavior Be Rational?" (with Vivek H. Dehejia)

"The Effect of Capital Gains Taxation on Bubbles," (with Huntley Schaller)

"The High Contact Principle with Reward Function Containing Initial Point," (with Dongmei Guo)

F. ACADEMIC RESPONSIBILITIES (TEACHING)

1. Undergraduate

ECON 2201 & 2202 (Statistical Methods), 1999, 2001, 2002, 2003, 2004, 2013/14, 2014/15, 2015/16, 2016/17

ECON 2210 (Introductory Statistics for Economics), 2017, 2018, 2019

ECON 2400 (Mathematical Methods of Economics), 1999, 2000, 2002, 2003, 2004, 06/07, 07/08, 08/09, 09/10, 10/11

ECON 4001 (Mathematical Analysis in Economics), 08/09, 09/10, 10/11, 11/12

ECON 4004 (Operations Research I), 2000, 2001, 2002, 2004, 06/07, 07/08, 2018

ECON 4200 (Advanced Microeconomic Theory), 06/07

ECON 4005 (Operations Research II), 2000, 2001, 2018

ECON 4051 (Financial Asset Pricing), 10/11, 11/12, 2014**,** 2015, 2016, 2017, 2018, 2019

ECON 4504 (Financial Markets), 07/08, 08/09, 09/10, 2016

2. Graduate

ECON 4995 (Review of Mathematical and Statistical Methods of Economics), 09/10

ECON 5903 (Mathematical Methods for Economists), 1999, 2000, 2005

ECON 5020 (Microeconomic Theory), 2002, 2003, 2004, 11/12, 2014, 2015, 2016

ECON 6904 (Directed Readings on Mathematical Finance), 2000

ECON 5906 (Directed Research) 2016

G. ADMINISTRATIVE RESPONSIBILITIES (INCLUDING COMMITTEE WORK)

Member, the Subcommittee for the Financial Economics position, 08/09

Member, the Subcommittee for the International Finance position, 06/07

Member, the thesis committee of Ph.D student Tetsuro Mizoguchi, 06/07, 07/08

Departmental Contact Person, Teaching/Learning Resource Centre, 2001

ECON 2201 & 2202 Course Coordinator, 2001, 2002, 2003, 2004, 13/14, 15/16, 16/17

ECON 2400 Course Coordinator, 06/07, 07/08, 08/09, 09/10, 10/11

Member, Department Promotions & Tenure, 1999, 2000,

Member, Department M.A. Committee, 2002, 2003, 2004, 06/07, 07/08, 10/11, 11/12, 13/14, 15/16, 17/18, 18/19

Member, Department Ph.D. Committee, 2005

Quantitative Econometrics workshop Coordinator, 2003

Carleton Economic Papers Coordinator, 2004, 2005

Member, Comprehensive Examination Board, Microeconomic Theory, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2016 (August), 2017

Invite and organize Jian Li's workshop on Ambiguity, October, 2017

H. Other

None