

Hashmat U. Khan

SEPTEMBER 2022



Department of Economics
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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), Michael Devereux, James Nason.

M.A. Economics, Delhi School of Economics, University of Delhi, Delhi, India, 1991.

B.A. (Honours) Economics, S.R.C.C., University of Delhi, Delhi, India, 1989.

POSITIONS and AFFILIATIONS

CURRENT:

CHAIR, Department of Economics, Carleton University, Ottawa. July 2019 - Present.

FULL PROFESSOR, Department of Economics, Carleton University, Ottawa.
July 2016 - Present.

CO-DIRECTOR, [Centre for Monetary and Financial Economics](#), Carleton University, Ottawa.
July 2016 - Present.

PROGRAM SUPERVISOR, [Graduate Diploma in Economic Policy](#), Carleton University, Ottawa. July 2021 - June 2022.

Guest Co-Editor, *Canadian Journal of Economics* [Special Issue on Covid Economics](#).

Advisory Council Member, *Society for Computational Economics*, August 2020-present.

Researcher, [Chair in Macroeconomics and Forecasting at ESG UQAM, Montreal, Canada](#).
September 2020 - Present.

ASSOCIATE MEMBER, [GREDI](#), Faculty of Management - University de Sherbrooke, Quebec.
September 2016 - Present.

Fellow, Euro Area Business Cycle Network ([EABCN](#)). Jan 2004 - present.

PREVIOUS:

VISITING ASSOCIATE PROFESSOR, Vancouver School of Economics, University of British Columbia, May 2015 - August 2015.

RESIDENT ACADEMIC, Bank of Canada. August 2018 - June 2019.

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.

Honorary Research Fellow, University of Glasgow. May 2003 - June 2005.

RESEARCH ANALYST, Research Department, Bank of Canada. July 1999 - February 2002.

RESEARCH INTEREST

MACROECONOMICS

PUBLICATIONS (refereed) and CITATIONS

29. [Did US Business Dynamism Recover in the 2010s?](#) (with Asier Aguilera-Bravo and Miguel Casares). *Economics Letters*, Volume 211, February 2022, 110-247.
28. [COVID-19 Pandemic and Economic Scenarios For Ontario](#) (with Miguel Casares and Paul Gomme). *Canadian Journal of Economics*-Special Issue on Covid Economics, March 2022, Vol 55, Issue S1, Pages 503-539.
(With financial support from Carleton Rapid COVID-19 Research Grant).
27. [The Real Interest Rate Channel is Structural in Contemporary New-Keynesian Models](#) (with Joshua Brault). *Journal of Money, Credit and Banking* (available online since 14th December 2021).
26. [The Timing and Intensity of Social Distancing to Flatten the COVID-19 Curve: The Case of Spain](#) (with Miguel Casares). *International Journal of Environmental Research and Public Health* 2020, 17(19), 7283.

25. [The Extensive Margin and US Aggregate Fluctuations: A Quantitative Assessment](#) (with Miguel Casares and Jean-Christophe Poutineau). *Journal of Economic Dynamics and Control* [Lead Article], 120, November 2020, Pages 1-20.
24. [The Shifts in Lead-Lag Properties of the US Business Cycle](#) (with Joshua Brault). *Economic Inquiry*, Vol. 58, No. 1, January 2020, Pages 319-334.
23. [Monetary News Shocks](#) (with Nadav Ben Zeev and Christopher Gunn). *Journal of Money, Credit and Banking*, Volume 52, Issue 7, October 2020. Pages 1793-1820.
22. [Rules-Based Monetary Policy and the Threat of Indeterminacy When Trend Inflation Is Low](#) (with Louis Phaneuf and Jean-Gardie Victor). *Journal of Monetary Economics*, Volume 114, October 2020, Pages 317-333.
21. [Does Business Confidence Matter for Investment?](#) (with Santosh Upadhyaya). *Empirical Economics*, 59(4), 2020, Pages 1633-1665.
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, Pages 1-19.
19. [The Sources of Canadian Economic Growth](#) (with Samira Hasanzadeh). *Canadian Journal of Economics*, 52 (1), February 2019, Pages 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, Pages 1-18.
17. [House Prices and Government Spending Shocks](#) (with Abeer Reza). *Journal of Money, Credit and Banking*, Vol 49, Number 6, September 2017, Pages 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, Pages 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, Pages 1443-1464.
14. [The Stock Market and the Consumer Confidence Channel: Evidence from Canada](#) (with Lilia Karnizova). *Empirical Economics*, Vol. 49, Issue 2, 2015, Pages 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, Pages 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, Pages 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, Pages 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, Pages 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, Pages 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, Pages 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, Pages 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, Pages 1571-1602.
3. [Price-Setting Behaviour, Competition, and Markup Shocks in the New Keynesian Model](#). *Economics Letters*, Vol 87, 3, June 2005, Pages 329-335.
2. [Price Stickiness, Trend Inflation, and Output Dynamics: A Cross-Country Analysis](#). *Canadian Journal of Economics*, 37 (4), 2004, Pages 999-1020.
1. [Price Stickiness, Inflation, and Real Exchange Rate Dynamics: A Cross-Country Analysis](#). *Economics Letters*, 71(2), 2001, Pages 247-253.

PUBLICATIONS (non-refereed)

1. [Introduction to the Special Issue on Covid Economics](#) (with Victor Aguirregabiria and Siwan Anderson). *Canadian Journal of Economics*, March 2022, Vol 55, Issue S1, Pages 5-8.

2. [Fiscal policy in the context of post-first wave economic recovery of Covid-19: Study applied in Québec](#) (with Fabrice Dabiré, Mario Fortin, Patrick Richard, Jean-François Rouillard). August 21, 2020.

CURRENT RESEARCH (Completed Working Papers)

15. [The Welfare and Distributional Consequences of Corporate Tax Cuts in Open Economies](#) (with Mamoon Kader, Minjoon Lee, and Raul Razo-Garcia). August 2022.
14. [Indebted Demand in a Two Period Consumption-Saving Model](#) (with Joshua Brault). December 2021.
13. [Some International Evidence on Inequality, Demographics, and Long-term Interest Rates](#) (with Joshua Brault). November 2021.
12. [G-multipliers in Canada: How large? And Why?](#) (with Fabrice Dabiré, Patrick Richard, and Jean-François Rouillard). October 2021.
11. [The Behavior of the Aggregate U.S. Wage Markdown](#) (with Konstantinos Metaxoglou). July 2021.
10. [Dissecting the Sources of the Great Recession and Beyond: Some Useful Lessons.](#) (with Joshua Brault, Louis Phaneuf and Jean-Gardie Victor), CEWP 20-03, (Revised/Updated) March 2021.
(With financial support from a SSHRC Insight Grant)
9. [Large Firms and the Cyclicalities of US Labour Productivity](#) (with Joshua Brault). March 2021.
8. [Macroeconomic Fluctuations Without Indeterminacy](#) (with Joshua Brault, Louis Phaneuf and Jean-Gardie Victor). February 2021.
(With financial support from a SSHRC Insight Grant)
7. [Returns to Scale in U.S. Production, Redux](#) (with Mumtaz Ahmad and John Fernald). Updated, June 2021.
6. [Consumer Confidence and Household Investment](#) (with Jean-François Rouillard and Santosh Upadhyaya).
5. [Collusion and Antitrust Filings over the Business Cycle](#) (with Matthew Strathearn). December 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.

OLDER PAPERS

4. Competitiveness, Inflation, and Monetary Policy, (with Richhild Moessner). *Bank of England Working Paper no. 246*.
3. Contribution of Information Technology Sector to Output and Labour Productivity Growth in Canada (with Marjorie Santos). *Bank of Canada Working Paper 2002-07*.
2. Notes on the Derivation of New Keynesian Phillips Curve Under Positive Steady State Inflation (with Barbara Rudolf). March 2005.
1. Product Diffusion, Increasing Returns to Specialization, and the Propagation of Shocks. December 2002.

AWARDS AND RESEARCH GRANTS

Total Grant Funds Received (Principal Investigator + Co-Applicant, 2005-2022): \$430,523.

13. SSHRC Insight Development Grant (Principal Investigator), \$47,997, 2022-2024
12. SSHRC Partnership Engage Grants (PEG) COVID-19 Special Initiative, \$21,270, 2020.
11. Carleton University COVID-19 Rapid Research Grant, \$18,000, 2020.
10. Carleton University Research Achievement Award, \$15,000, 2020.
9. SSHRC Insight Grant (Co-Applicant) with Louis Phaneuf (Principal Investigator), \$159,201, 2020-2024.
8. SSHRC Insight Development Grant (Co-Applicant) with Minjoon Lee (Principal Investigator), \$55,290, 2019-2021.
7. Department of Economics Research Achievement Award, \$1500, 2019.
6. Faculty of Public Affairs Research Productivity Bursary 2015-16, \$2250.
5. Carleton Development Grant 2015, \$7,000.
4. SSHRC Insight Development Grant (Principal Investigator), \$71,765, 2014-2016.
3. SSHRC Research Grant (Principal Investigator), \$37,000, 2008-2011.

2. SSHRC Institutional Grant, \$3000, 2006.
1. Carleton University Start-Up Grant, \$10,000, 2005.

MEDIA AND BLOG POSTS

Economics of Pandemics Course coverage in the [Globe and Mail](#), November 6, 2020.

COVID-19 and the effects of social distancing policies in Spain, [All in a Day](#), CBC Radio, with Alan Neal on April 29, 2020.

Social distancing policies under the COVID-19 pandemic - the Spanish experience, News (Punjabi), [OMNI TV](#) on April 21, 2020.

[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 P. 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 N. Asare). *Worthwhile Canadian Initiative*, July 17, 2014.

[The Canadian Taylor Curve - and the Direction of Causality](#). *Worthwhile Canadian Initiative* April 3, 2011.

TEACHING

Ph.D. THESIS SUPERVISION

Main Supervisor

10. Matt Soosalu (December 2021-ongoing).
9. Pratap Basnet (September 2019-ongoing).
8. Mumtaz Ahmad ((Ph.D. granted, September 2016 - August 2021). *Three Essays on Macroeconomics and Trade*.

7. Nusrat Jahan (Ph.D. granted, September 2016 - July 2021). *Three Chapters on Empirical Financial Economics*.
6. Joshua Brault (Ph.D. granted, September 2017 - July 2021). *Four Essays on Structural Changes, US Business Cycles and the Great Moderation*. Thesis nominated for Senate Medal, Carleton University.
5. Santosh Upadhayaya (Ph.D. granted, September 2015 - May 2019). *Three Essays in Empirical Financial Economics*.
4. Tim Grieder (Ph.D. granted, September 2014 - April, 2018). *Three Essays in Empirical Financial Economics*.
3. Samira Hasanzadeh (Ph.D. granted, September 2014 - October 2017). *Three Essays in Macroeconomics with a Focus on Economic Growth, Monetary Policy and Knowledge Dissemination*.
2. Abeer Reza (Ph.D. granted, July 2009 - June 2013). *Three Essays on Real-Financial Linkage in Dynamic Stochastic General Equilibrium Models*, Senate Medal (Carleton University).
1. Xue (Bill) Zhao (Ph.D. granted, April 2008 - January 2013). *Forecasting Inflation in China*.

Co-Supervisor

4. Mamoon Ul Kader (December 2019 - ongoing).
3. Nyamekye Asare (University of Ottawa, Ph.D. granted, March 2014 - January 2018). *Essays on Time-Varying Volatility and Structural Breaks in Macroeconomics and Econometrics*.
2. Yang Zhang (University of Ottawa, Ph.D. granted, February 2010 - November 2013). *Three Essays on Unconventional Monetary Policy at the Zero Lower Bound*. Thesis nominated for University Medal (University of Ottawa).
1. Xioanan Li (Ph.D. granted, February 2011 - May 2015). *Three Essays on Unconventional Monetary Policy at the Zero Lower Bound*.

Committee Member

9. Haowei Tang (Ph.D. granted - August 2022).
8. Hassan Faryaar (Ph.D. granted - December 2020).
7. Matthew Strathearn (Ph.D. granted - November 2020).

6. Frida Adjalala (University of Ottawa, Ph.D. granted - November 2020).
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).

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

ECON 3201: Economics of Pandemics - Fall 2021, Fall 2020.

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)

Term	Graduate courses		Undergraduate courses		
	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)
- [Nominated for Raving Raven](#) (2018)

INVITED SEMINARS AND VISITS

2022: Ashoka University, UQAM.

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

[Canadian Economic Association](#), June 3-4, 2022, Ottawa. Session Chair and Presenter, Discussant.

[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 Conference, Vancouver, May 29-June 1, 2014.

Presenter: Monetary News and Surprises.

Canadian Economic Association Conference, Ottawa, June 2-5, 2011.

Presenter: Effects of Productivity Shocks on Employment: UK Evidence.

Canadian Economic Association Conference, 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 Conference, 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 Conference, 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 Conference, 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 Pytlarczyk.

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 Conferences, 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 Monetary Economics*, *Review of Economics and Statistics*, *International Economic Review*, *Journal of European Economic Association*, *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*, *The B.E. Journal of Macroeconomics*, *Economic Modelling*, *Journal of Economic Behaviour and Organization*, *Scottish Journal of Political Economy*, *Contemporary Economic Policy*, *International Journal of Finance & Economics*, *Journal of Cleaner Production*, *Journal of Environmental Planning and Management*, *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*, *Journal of Cleaner Production*, *Journal of Environmental Planning and Management*, *Bank of England Working Paper Series*

ELSEVIER REVIEWER CERTIFICATES RECEIVED

Journal of Monetary Economics, *Journal of Economic Dynamics and Control*, *Review of Economic Dynamics*, *Economics Letters*, *Journal of Economic Behaviour and Organization*, *Energy Economics*, *Journal of Cleaner Production*, *International Review of Economics & Finance*

BOOK REVIEWS: *Routledge Publisher*, *Pearson Education Canada*, *MIT Press*

GRANTS REVIEWS: Social Sciences and Humanities Research Council (Canada), Research Grants Council of Hong Kong, Trans-Atlantic Platform (T-AP) for Social Sciences and Humanities.

DEPARTMENT/FACULTY/UNIVERSITY/PROFESSIONAL SERVICES

Hiring Committee (2020-present).

Department Tenure and Promotion Committee (2019-present).

Faculty Tenure and Promotion Committee (2019-present).

Hiring Committee (Chair, 2019-2020).

Canada Research Chair Tier II Search Committee (2019-2020).

Faculty of Public Affairs Decanal 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.

EXTERNAL EXAMINER (Ph.D. Thesis)

13. Imtiaz Ahmad, National University of Sciences and Technology, Pakistan, 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.

EXTERNAL EVALUATOR FOR TENURE-PROMOTION DECISIONS

Canadian universities: University of Alberta, Concordia University, University of Victoria, Memorial University, University of Saskatchewan, University of Windsor, and the University of New Brunswick.

International universities: Lahore University of Management Sciences (Department of Economics), Pakistan, Government College University, Faisalabad, Pakistan.

PROFESSIONAL MEMBERSHIPS

American Economic Association, Canadian Economic Association, Society for Computational Economics and Finance, Society for Economic Dynamics.