

# Matthew D. Webb

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## 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 - Conditionally 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) - 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) - 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*
- (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) - 2019*
- (4) “The Wild Bootstrap for Few (Treated) Clusters”  
with James G. MacKinnon  
*The Econometrics Journal - 21(2) - 2018*
- (3) “Pitfalls when Estimating Treatment Effects Using Clustered Data”  
with James G. MacKinnon  
*The Political Methodologist - 24(2) - 2017*
- (2) “Wild Bootstrap Inference for Wildly Different Cluster Sizes,”  
with James G. MacKinnon  
*Journal of Applied Econometrics 32(2) - 2017*
- (1) “Targeting Tax Relief at Youth Employment,”  
with Arthur Sweetman and Casey Warman  
*Canadian Public Policy 42(4) - 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*

## **Research Papers**

- “Finish It and It’s Free: An Evaluation of College Graduation Subsidies”  
previously titled “On the Effectiveness of Graduate Retention Programs”  
“Reworking Wild Bootstrap Based Inference for Clustered Errors”

*“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** (3)  
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 (forthcoming)  
**2019:** McMaster University (forthcoming)  
**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
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***“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
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**(P)- Poster Presentation**

**Conference Discussions**

Canadian Econometrics Study Group, Montreal	<i>forthcoming</i>
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 -
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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

<i>Faculty of Public Affairs - Indigenous Hiring Committee</i>	2019
<i>Empirical Microeconomics Hiring Committee</i>	2018
<i>Labour Economics Comprehensive Exam Committee</i>	2018, 2019
<i>COOL RDC Management Committee</i>	

Carleton University Representative	2017-
<i>Tenure and Promotion Committee Member</i>	
Carleton University - Economics Department	2017-2018
<i>Undergraduate Committee Member</i>	
Carleton University - Economics Department	2016-
<i>President</i>	
Graduate Student Executive, Queen's Economics Department	2010-2011

## Non Academic Jobs

<b>GE Commercial Equipment Financing</b> , Montreal, Quebec	2005
<i>Co-op Quality Analyst</i>	
<b>JCClark Ltd.</b> , Toronto, Ontario	2004
<i>Co-op Equity Research Analyst</i>	

## Other Details

**Citizenship:** Canadian    **Birth Year:** 1983    **References:** Upon Request

Last updated: September 9, 2019