

LAURA KIMBERLEY BROWN

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EDUCATION

- Ph.D. Economics, Queen's University - 1996.
- M.A. Economics, Carleton University - 1985.
- B.A. Honours, Economics and Political Science (double honours), University of Alberta - 1984.

ACADEMIC and EMPLOYMENT EXPERIENCE

- 2004 – Present Associate Professor, Department of Economics, University of Manitoba.
Research areas: gender economics, environmental economics and environmental policy, international trade theory, economics of non-profit sector with emphasis on government-non-profit funding relations.
Teaching areas: microeconomic theory (all levels), mathematical economics, international economics and economics of gender.
- 1997 – 2004 **Assistant Professor:** Department of Economics, University of Manitoba.
- 1995 – 1997 **Lecturer, Assistant Professor:** Department of Economics, University of Manitoba.
- 1992 – 1995 **Research Assistant:** Department of Economics, Queen's University.
- 1985 – 1990 **Researcher:** Kenya Long Range Planning Unit, (CIDA), Ottawa and Ministry of Finance, Nairobi, Kenya,
Team member: worked on development of forecasting and computable general equilibrium models for the Kenyan economy.
Researcher: Developed city size projection model for a number of cities, using economic and demographic data. Also performed GIS mapping.
Manager and project leader: Kenyan Rural Labour Force Survey with Kenya National Bureau of Statistics

- designed questionnaire
- trained enumerators and data entry clerks
- designed data entry program with aid of a computer science student
- wrote the official government report.

1984 – 1985 Teaching Assistant, Carleton University, Ottawa, Ontario.

1984 (summer) **Research Assistant**, Ministère du Bien Être et Sécurité du Revenu, Trois-Rivières, Québec. Analysed employment and unemployment in the Mauricie Region.

UNIVERSITY ADMINISTRATIVE EXPERIENCE

2014 – Member: Department of Economics Representative to Science Faculty Council

2016 – Member: Economics and Econometrics Steering Committee

2014 – 2016 Member: Department of Economics Steering Committee

2014 – 2015 Member: Faculty of Arts Endowment Fund – revised meeting design for fund allocation to ensure increased participation by all members.

2007 – 2009,
And 2014 Member: Faculty of Arts Equity, Diversity and Human Rights Committee

2007 – 2013 **Chair: Graduate Committee for the Department of Economics:** Prepared all materials for the 2013 Graduate Program Review. Implemented program changes to ensure PhD students completed thesis proposal defense in a timely manner, thus clarifying the division of work completed as part of a thesis from work completed as an uncredited research assistant for a supervisor's publication. Oversaw the admission and ranking of over 1000 applications, ranking of students for financial assistance, and annual progress of all students. Advised over 100 students on graduate application process. Helped graduates find employment. Represented the Department of Economics on the Graduate Studies Faculty Council. I also created the new Graduate Studies web page for the department.

Circa 1998 – 2013 Department of Economics Representative to the Faculty of Graduate Studies Faculty Council (longest serving member in the Department)

2011 – 2012 Member: Search Advisory Committee for two positions in Econometrics

- 1996 – 2011 **Chair / Co-Chair Department of Economics Computer Committee**
Devised system for funding equipment and software used until the University began allocating funds for this in 2011. With Co-Chair, built and equipped the current computing lab.
- 2009 – 2010 Member: Faculty of Arts Appointment and Renewals Committee
- 2008 – 2009 Member: Faculty of Arts University of Manitoba Graduate Fellowship Committee
- 2007 – 2008 Member: Search Advisory Committee for two position: one in Applied Econometrics, and one in Time Series Econometrics
- 2007 – 2008 Member: Search Advisory Committee for the Economics Department Headship position
- 2007 – 2008 Member: Faculty of Arts Local Disciplinary Committee
- 2006 – 2007 Member: Search Advisory Committee in Macroeconomics
- 2003 – 2007 Co-Chair Graduate Committee Department of Economics: my Co-Chair and I worked to oversee department's Graduate program review. We introduced and implemented new Master's and PhD programs. I also carried out activities listed above.
- 2004 – 2005 Member: Search Advisory Committee in Econometrics
- 2003 – 2004 Member: University of Manitoba Faculty Association: Generation Gap Task Force
- 2003 – 2004 Member: Search Advisory Committee in Microeconomic theory
- 1996 – 1999 Member: Faculty of Arts Executive Council
- 1996 – 1997 **Conference organizer** (with Irwin Lipnowski) – **New Approaches in Economic Modelling – Delta Marsh Conference**, fall 1997.

PROFESSIONAL AND SCHOLARLY ACTIVITIES

- 2017 - **Expert Advisor to the UM-UMFA Joint Committee to Study Gender Based Salary Differentials**

- 2010 – 2013 **Executive council member:** Canadian Economics Association
- 2010 – 2012 **Member:** Committee to determine the future of the Canadian Economics Employment Exchange: Canadian Economics Association
- 2011 – 2013 **Member:** Canadian Economics Association nomination committee.
- 2010 – 2013 **Member of national review panel:** Social Science and Humanities Research Council, Insight Development Grants Selection Committee
- 2006 – 2007 **Technical advisor for Early Childhood Education** research into cost-benefit analysis of Childcare using data for the Parkland region of Manitoba: Manitoba Child Care Coalition
- 2000 – 2005 **Steering Committee member:** Nonprofit and Voluntary Sector Research Network
 - Sub-committee on Mission, Vision, and Guiding Principles: 2002/03
 - Sub-committee on Communications: 2002/2003
- 2001 – 2003 **Expert advisor to Statistics Canada on the Canadian Survey of Giving, Volunteering, and Participating**
- 2002 **Expert advisor to the Public Policy Forum – Joint Accord Tables on the Initiative between the Government of Canada and the Canadian Voluntary Sector**

PAPERS AND PUBLICATIONS

Peer-Reviewed Journal Articles

Brown, Laura K., and Elizabeth Troutt. 2017. A re-analysis of the trade and welfare effects of export subsidies. *Applied Economics Letters*. (published online 26 May 2017). Abingdon, U.K.: Taylor-Francis.
<http://dx.doi.org/10.1080/13504851.2017.1329925>

Brown, Laura K., and Elizabeth Troutt. 2017. Sex and salaries at a Canadian university: the song remains the same or the times they are a changin'? *Canadian Public Policy*. Toronto: University of Toronto Press. 43(3): 15 pages.
<https://doi.org/10.3138/cpp.2016-047>

- Brown, Laura K., Susan Prentice, and Elizabeth Troutt. 2011. Ten years after: Sex and Salaries at a Canadian University. *Canadian Public Policy*. 37 (2): 239-255.
- Brown, Laura, Elizabeth Troutt, Cynthia Edwards, Brian Gray and Wanjing Hu. 2011. A uniform price auction for conservation easements in the Canadian prairies. *Environmental and Resource Economics*. 50:49-60. DOI 10.1007/s10640-011-9461-2
- Brown, Laura and Elizabeth Troutt. 2007. Reporting does not Equal Accountability” *International Journal of Public Administration*. 30(January):209-225.
- Moshiri, Saeed and Laura Brown. 2004. “Measuring Asymmetric Unemployment over the Business Cycle,” *Journal of Forecasting*. 23: 479 – 511.
- Brown, Laura and Elizabeth Troutt. 2004. Funding relations between nonprofits and government: A positive example.” *Nonprofit and Voluntary Sector Quarterly*. 33(1, March):5 – 27.
- Brown, Laura and Elizabeth Troutt. 2004. “A Cooperative Approach To Accountability: Manitoba’s Family Violence Prevention Program” *International Journal of Public Administration*. Vol 27, Issue 5, pp. 309 – 330, May 2004.
- Brown, Laura and Chris Ferrall. 2003. “Unemployment Insurance and the Business Cycle” *International Economic Review*. 44(3, August) 863 - 893.¹

Peer reviewed book chapters and reports:

- Numerous authors. 2017. Chapter 4: Direct and indirect drivers of change in biodiversity and nature’s contributions to people. International Panel on Biodiversity and Ecosystem Services: Regional Assessment for the Americas. Second Order Draft. Under global external review (<http://www.ipbes.net/registration-first-external-review-global-assessment>).
- Brown, Laura and Elizabeth Troutt. 2003. “Stability and Stress in the Relationship between Government and the Nonprofit Sector: The Case of Manitoba.” in *Interesting Times and the Voluntary Sector: Evolving Relationships, Regulations and Fiscal Realities*. McGill-Queen’s University Press, 177- 217.
- Ducks Unlimited Canada. 2001. *A Technical Proposal for the Conservation Easement Price Discovery Pilot Project*. (authored by Laura Brown, Elizabeth Troutt and staff from Ducks Unlimited Canada. (document reviewed by five economists who are international experts in environmental economics and auction theory).

¹ In 2003, this was the most highly ranked journal publication by a member of our department since 1978.

- Stephan Barg, Laura Brown, Aaron Cosbey, Elizabeth Troutt, Allen Tyrchniewicz and Sarah Van Exan. 2001. *Environmental Protection and Business Competitiveness*, Public Policy Forum, No. 56.
- Brown, Laura and Elizabeth Troutt. 2000. "The NonProfit Sector in Manitoba: A Baseline Study" in *The NonProfit Sector in Canada: Roles and Relationships*, Keith G. Banting, ed. McGill-Queen's University Press, 191 - 228.
- Steve Barg, Laura Brown, Chantal Guertin and Elizabeth Troutt. 2000. *Ecological Fiscal Reform Project: A Context Paper*, National Roundtable on the Environment and the Economy refereed report.
- Stephan Barg, Laura Brown, Attah Boame, Linda Deriviere, Elizabeth Troutt, Dominique Wranik-Lohrenz, with Marlene Roy. 2000. *Analysis of Ecological Fiscal Reform Activity in Canada*, National Roundtable on the Environment and the Economy refereed report
- Brown, Laura. 1997. "Canada, Globalization and Free Trade: The Past is New!" *Canada: Horizons 2000*. Presses Universitaires de Saint Boniface, 107-123.

Other publications

- Brown, Laura. 2015. A course in Microeconomic Theory. Video course and online media prepared for University of Manitoba.²
- Brown, Laura, and Elizabeth Troutt. 2007. *Manitoba's nonprofit sector*. The Encyclopedia of Manitoba. Great Plains Publications: Winnipeg, Manitoba, Canada. p. 500.
- Brown, Laura and Elizabeth Troutt. 2003. Results from the conservation easements/agreements survey. Statistical and policy recommendations report prepared for Ducks Unlimited Canada.
- Brown, Laura and Elizabeth Troutt with staff from Ducks Unlimited Canada. 2002. Easement Information, auction description and bid materials for the conservation easements/agreements project.
- Brown, Laura. 1996. *Unemployment Insurance and the Business Cycle: A Partial Equilibrium Model of the Canadian Labour Market*. Queen's University.
- Government of Kenya. 1990. *The 1988-89 Rural Labour Force Survey*. (Final report of Rural Labour Force Survey conducted by myself with the aid of staff from the Kenya

² The course incorporates materials from Pindyck, R. and Rubinfeld, D. (2013) *Microeconomics*. Pearson.

Bureau of Statistics and Ministry of Finance, published as an official document of the Government of Kenya.)

Brown, Laura. 1990. *The 1988-89 Rural Labour Force Survey: Description and Structure of Database*. Kenya Long Range Planning Project Technical Paper 90-02.

Brown, Laura and Narendra Budhia. 1988. *Data Compendium for the Version 3.0 of the Computer General Equilibrium Model for Kenya*. Kenya Long Range Planning Project Technical Paper No. 88-05.

Barber, Gerald and Laura Brown. 1988. *Rural Labour Force Survey 1988: Survey Instrument and Enumerator's Reference Manual*. Kenya Long Range Planning Project Technical Paper 88-04.

Creative Works

circa 1997 **Expert:** “Women and Work” series for the W Channel (The Women’s Network) in the late 1990s. My responsibility was to provide on screen, expert advice for each segment of the season-long series.

Work in progress

Brown, Laura K., Ryan Godwin, and Elizabeth Troutt. Determinants of landowners’ willingness to bid for conservation easements on their land: results from a survey conducted in conjunction with a reverse auction for conservation easements. Working paper.

Brown, Laura K., Susan Prentice, and Elizabeth Troutt. “Systemic discrimination and institutional change: sex-based faculty salary gaps at Canadian universities”. Pilot study to produce journal article and to provide background for application for SSHRC Standard Research Grant to examine salary discrimination redress across Canadian universities. Data collection stage.

Brown, Laura K., and Elizabeth Troutt. “Collectively bargained salary structures and sex equity in faculty salaries: illustrations from a Canadian university.” Data analysis stage.

Brown, Laura K., and Elizabeth Troutt. “Can we be too careful? How differential levels of care can lead to unequal promotion.” This paper examines how the combination of asymmetric errors and differing variances can lead to unequal promotion rates. It is developed in the context of university promotion, but can be applied widely to problems of selection. Modelling stage.

RESEARCH FUNDING AND SCHOLARSHIPS

Grants and Scholarships			
Year(s)	Title; and co-applicant if applicable	Funding Source	Approx. Amount
2017	Systemic discrimination and institutional change: sex-based faculty salary gaps at Canadian universities (with Susan Prentice and Elizabeth Troutt)	University of Manitoba/SSHRC	\$6,944
2011	Analysis of conservation easements survey data (with Elizabeth Troutt)	Department of Economics: University of Manitoba	\$1,500
2006	Study of childhood economic status and educational assessment	University of Manitoba Research Data Centre	\$4,,000
2001-2004	Toward understanding the growth of the non-profit sector (with Elizabeth Troutt)	SSHRC	\$60,000
2001-2003	Valuation of conservation easements (with Elizabeth Troutt);	Ducks Unlimited Canada	\$40,000
2001	Understanding Portfolio Risk Analysis, Assante Corporation;	Assante Corporation	\$8,000
2000	The effects of ecological fiscal reform on Canadian competitiveness	Arts Proposal Development Fund	\$1,000
1999	The interplay of policy and Manitoba's non-profit sector"; with Elizabeth Troutt;	Kahanoff Foundation	\$16,000
1997	The non-profit sector in Manitoba: a baseline survey"; with Elizabeth Troutt and Costas Nicolaou	Kahanoff Foundation	\$15,000
1996	Unemployment Insurance and the Business Cycle – Policy Simulations	UMSSHRC	\$ 8,000
1995	Unemployment Insurance and the Business Cycle	UMSSHRC	\$ 5,000
1992-1995	Doctoral Fellowship	SSHRC	\$14,500/yr

1991-1995	Queen's Graduate Scholarship	Queen's University	\$7000/yr
1984-1985	Graduate Scholarship	Carleton University	\$5000/yr
1979-1980	House of Commons Scholarship Work Program	House of Commons	\$ 6,000

PUBLIC PRESENTATIONS:

- 2017 **Sex and salaries at the University of Manitoba.** With Betsy Troutt. Presented to the University of Manitoba Faculty of Arts Equity, Diversity, and Human Rights Committee, Winnipeg, Manitoba. March 8.
- 2015 **Sex and salaries at a Canadian university: the song remains the same or the times they are a changin'?** With Betsy Troutt. Presented to the University of Manitoba Department of Economics seminar series, Winnipeg, Manitoba. November 27.
- 2015 **Sex and salaries at a Canadian university: the song remains the same or the times they are a changin'?** With Betsy Troutt. Presented to the Annual Conference of the Canadian Economics Association. Toronto, Ontario. May 29, 2015.
- 2015 **Sex and salaries at the University of Manitoba.** Presented at University of Manitoba Department of Economics Mini Conference in Honour of Wayne Simpson. Winnipeg, Manitoba. March 14.
- 2010 **A uniform price auction for conservation easements on the Canadian prairies.** International Atlantic Economics Society. Charleston, U.S.A. October 13.
- 2010 **A uniform price auction for conservation easements in the Canadian prairies.** With Betsy Troutt. Presented to the Canadian Economics Association meetings. Quebec, Quebec. May 29.
- 2007 **Sex and Salaries at the University of Manitoba: Systemic Discrimination in a Canadian University.** With Betsy Troutt. Canadian Employment Research Forum. Halifax, Nova Scotia. May 31.

- 2006 **Use of a Vickrey auction with a hidden reserve price to discover the value of a conservation easements.** With Betsy Troutt. Canadian Economic Association, Montreal, Quebec. May 26.
- 2006 **Microeconomics: Adding a non-analytical component to Graduate Theory.** Canadian Economic Association, Montreal, Quebec. May 26.
- 2006 **Use of a Vickrey auction with a hidden reserve price to discover the value of a conservation easements.** With Betsy Troutt. Canadian Economic Association, May 26.
- 2005 **Use of a Vickrey Auction with a Hidden Reserve Price to Discover the Value of Conservation Easements.** Canadian Society for Ecological Economics Annual Conference. Toronto, Ontario. October 28.
- 2003 **Cuts, coping, and nonprofits: Financial capacity and independence of nonprofit and voluntary organisations.** Panel presentation to Queen's School of Policy Studies conference "The New Financial Environment of Nonprofit and Voluntary Organisations: Policy and Practice in Transition;" With Betsy Troutt. Kingston, October 24-25, 2003.
- 2002 **Reporting does not equal accountability! The importance of funding characteristics and process on accountability.** With Betsy Troutt *ARNOVA conference*, Montreal, November 16, 2002.
- 2002 **A cooperative approach to accountability: Manitoba's family violence prevention program.** With Betsy Troutt. *ARNOVA conference*, Montreal, November 16, 2002.
- 2002 **Economics and independence of the voluntary sector in Manitoba.** With Betsy Troutt. *Seminar presented to the Manitoba Voluntary Sector Initiative seminar series;* Winnipeg, November 27, 2002.
- 2002 **World Economy in the 21st Century:** Public lecture on the World Economy at the Winnipeg Public Library.
- 2001 **The Relationship Between Government and Non-Profit Organizations: Experience from Manitoba's Non-Profit Sector.** With Betsy Troutt. *Department of Economics Friday seminar series*, November.
- 1997, 1999
& 2001 **Becoming an Economist: What it takes, and what we do!** 1997, 1999, 2001. Kelvin High School.
- 2000 **The Interplay of Policy and Manitoba's Non-Profit sector.** With Betsy Troutt. Workshop for the *Non-Profit Sector Research Initiative*, Queen's University.

- 2000 **The Non-Profit Sector in Manitoba.** With Betsy Troutt. *The Manitoba Association of Business Economists.*
- 2000 **The Effect of Volunteerism on the Duration of Unemployment.** With Betsy Troutt. *Department of Economics seminar, University of Manitoba.*
- 1999 **The Non-Profit Sector in Manitoba: A Baseline Study.** With Betsy Troutt. *Department of Economics Friday seminar series.*
- 1998 **The non-profit sector in Manitoba: A baseline survey.** With Betsy Troutt. *Non-Profit Research Initiative Workshop; Queen's University, November 1998.*
- 1997 **A Game Theoretic Approach to Modeling Large Economies.** With Randy Gouge. *Delta Marsh Weekend Seminar October.*
- 1996 **Canada, Globalization and Free Trade.** *Canada in the Year 2000 Conference, St. Boniface College.*
- 1995 Presented **Unemployment Insurance and the Business Cycle** at the following conferences and colloquia
 Learned Societies Conference, June
 University of Manitoba, February
 Department of Finance, February
 Université de Sherbrooke, February
 Wilfrid Laurier University, January
 Guelph University, January

OTHER PROFESSIONAL ACTIVITIES

- Canadian Journal of Agricultural Economics – Reviewer
- Canadian Journal of Economics – Reviewer
- Canadian Water Resource Journal – Reviewer 2014-2015
- Manitoba Law Journal – Reviewer 2014
- Canadian Public Policy – Reviewer 2012
- Higher Education Policy – Reviewer 2010
- Canadian Journal of Agricultural Economics – Reviewer 2006
- Higher Education Policy – Reviewer
- Journal of International Trade and Economic Development – Reviewer 1999
- Land Use Policy – Reviewer
- Nonprofit and Voluntary Sector Quarterly – Reviewer
- Chair PhD examinations in a variety of Departments, in both English and French.
- Canadian Economics Association - member

- Canadian Women Economists Network - member
- Media Commentator, economic analysis for television, radio and newspapers: 1995 - present
- Member: Association for Research on Nonprofit Organizations and Voluntary Action – 2001-2006
- Reviewer for the Queen's University School of Business International Issues competition and conference: 1997
- Discussant in Econometrics session at the Canadian Economic Association meetings, 1992
- Graduate Student representative to department council at Queen's University
- Graduate Student representative to committee to determine whether Environmental Economics should be introduced as a field at Queen's University (answer... emphatic yes!)
- Student representative to departmental council at University of Alberta.

Conference Chair:

2016 Canadian Economics Association Annual Meeting
 Session Name: Labour Market – Time Use, Volunteerism and Crime / Marché du travail – Emploi de temps, volontariat et criminalité

2015 Canadian Economics Association Annual Meeting
 Session Name : Labour Economics : Population, Demography and Gender / Population, démographie et genre

2013 Canadian Economics Association Annual Meeting
 Session Name: Labour: Human Capital / Capital humain

Session Name: Labour Economics 1 / Économie du travail 1

2012 Canadian Economics Association Annual Meeting
 Session Name: Wages and Worker's Compensation / Salaires et indemnités des travailleurs

2011 Canadian Economics Association Annual Meeting
 Session Name: International Trade – The Current Account

Conference Discussant:

2015 Canadian Economics Association Annual Meeting
 Family Assistance Practices Availability at the Workplace and Implicit Wage Costs: New Evidence from Canada

2012 Canadian Economics Association Annual Meeting
Productivity Gains from Worker Mobility and their Distribution Between
Workers and Firms

2006 Canadian Economics Association Annual Meeting
Land Preservation in British Columbia

TEACHING EXPERIENCE

COURSES TAUGHT

Course load post 2008 alternates between 4 and 5 three-credit hour courses per year, Course load pre-2008 is 5 three-credit hour courses per year. Course release is provided for Graduate Chair workload.

Graduate Courses:

Microeconomic Theory (ECON 7720 / 18.772)
Topics in Labour Economics (18.780)
Survey of Mathematical Topics for Economists (ECON 6040 / 18.604)
Labour and the Aging Population (18.730)
Econometrics (18.717)

Undergraduate courses:

Economics of Gender (ECON 2362)
Introductory Microeconomics (ECON 1010)
Introduction to Mathematical Economics (18.253)
Principles of Economics (18.120) (Macroeconomics)
Microeconomic Theory 1 (ECON 2450) (2 sections)
Microeconomic Theory 1 (ECON 2010) (revised ECON 2450 with emphasis on broader approach))
International Trade Theory and Policy (ECON 3670 / 18.367)
International Finance Theory and Policy (ECON 3680/18.368/18.332)
Topics in Mathematical Economics (ECON 3730)
Mathematical Economics 2 (ECON 3030)
Economics Field Placement (18.483)

GRADUATE STUDENT SUPERVISION			
Role: ADVISOR			
Name	Degree	Title of Thesis / Major Paper (if recorded)	Year of completion
Joan Halstein	PhD Economics	On International Environmental Policy and Trade Linkage: The Importance of Trade Ties and Market Structure in Determining the Nature of International Cooperation	2015
Yunfa Zhu	PhD Economics	Three Papers on Firm-Sponsored Training	2013
Hongchen Yue	PhD Economics	Three Essays on Internal Migration	2008
Ruiwen Sun	MA Economics	(major paper) Donald Trump: Is Imposing a 45% Tariff Threat on Chinese Exports a Wise Proposal?	2016
Yue Yan	MA Economics	(major paper) The Relationship Between Export and Exchange Rate, GDP and Immigration in Canada	2004
Ning Ning Zou	MA Economics	(major paper) US-China's Trade Debate – the Effect of Exchange Rate and China's Accession to the WTO	2004
Role: Committee Member			
Prosper Koto	PhD Economics	Structural Reforms, Debt Financing and the Formal and Informal Sector in Sub-Saharan Africa – An Empirical Analysis	2016
Qin Chen	PhD Economics	Three Essays on Aggregate and Disaggregate Price Risk Measurement and Explanation for Chinese Major Grains	2014 (I had to remove myself from the committee in 2013 due to medical leave)
Adian McFarlane	PhD Economics	Three Essays on the Allocation of Time in Canada	2010

Eyof Fissuh Ghebratsik	PhD Economics	Three Essays on Empirical Labour Economics	2009
Dominika Wranik-Lohrenz	PhD Economics	The Health Care System, Black Box or Bermuda Triangle? : Four Essays on Economically Desirable Health Care System Characteristics	2005
Qin Chen	MA Agricultural Economics	Dynamic Econometric Models of Wheat Yield at the Manitoba Regional Level	2004
Samuel Antwi-Buadum	MA Economics	Relationship Between Exchange Rate Movements and Prices in Canada	2002
Neil Townsend	MA Agricultural Economics	Intellectual Property Rights and Bilateral Exchange: A Cross-Country Analysis of Canadian Exports of Agricultural Technologies	2002
Brian Sklarchuk	MA Public Administration University of Winnipeg	Building from the Bottom Up: A Conceptual Framework to Expand the Function of Nonprofits	1999
Frida Adiati	MA Agricultural Economics	Econometric Models of Canada Crop Acreage and Yield Response under Risk and Uncertainty	1996

Candidacy Examinations and Comprehensive Examinations:

The department system of comprehensive examination included both a written exam and an oral exam for all PhD and MA students. For PhD students a single written exam was set for each sitting of the candidacy exam. Two members of the examining committee would then set an oral exam for each student.

For MA students, most comprehensive exams were individualized. A student would select two fields on which to write a major paper and sit an examination. The exam would be tailored to these fields. Therefore, a microeconomic theory exam would contain different questions depending on whether the student's second field were international trade, econometrics, macroeconomics, etc. Each member of the examining committee would evaluate the student's paper, then take part in an oral examination of the student's paper and written exam.

My teaching and diverse skills led me to play take part in many exams over time. I taught the Microeconomic Theory course required by all MA and PhD students, and have an expertise in international trade, labour economics and environmental economics.

The list below spans the period 2004 to 2011. My teaching/service in this regard dates back to 1997, but I no longer have records for the period 1997 – 2003.

PhD Microeconomic Theory	10 written exams	24 students	13 oral exams
PhD Labour Economics	3 written exams	4 students	4 oral exams
PhD International Trade	1 written exam	1 student	1 oral exam
MA Microeconomic Theory	5 written exams	8 students	8 oral exams
MA Environmental Economics	1 written exam	1 student	1 oral exam
MA International Trade	5 written exams	7 students	7 oral exams
MA Labour Economics	3 written exams	5 students	5 oral exams