

## A. Abigail Payne

### Personal Information

Department of Economics, McMaster University, KTH 415, 1280 Main Street West, Hamilton, ON L8S 4M4; 905-525-9140, x23814, [paynea@mcmaster.ca](mailto:paynea@mcmaster.ca)

Citizenship and other personal data available upon request

### Education

1991-1995	Ph.D and M.A., Economics	Princeton University
1983-1986	J.D.	Cornell Law School
1979-1983	B.A. w/ Honors in Math & Economics	Denison University (Ohio)

Student Awards: Phi Beta Kappa, various scholarships at all levels, Woodrow Wilson Society of Fellows (Princeton)

### Employment

#### *Current*

2015-	Director, MacDATA Institute, McMaster University
2008-	Professor, Department of Economics, McMaster University
2004-	Director, Public Economics Data Analysis Laboratory (PEDAL)
2013-	Associate Chair, Department of Economics

#### *Previous*

2002-2008	Associate Professor, Department of Economics, McMaster University
2003-2008	Canada Research Chair (Tier II) in Public Economics
1998-2003	Assistant Professor, Institute of Government & Public Affairs and College of Urban Planning and Public Affairs (Public Administration), University of Illinois
1995-1999	Assistant Professor, Department of Economics (St. George) and Division of Economics and Management (Scarborough), University of Toronto
1986-1991	Associate Lawyer, Collier, Shannon, Rill & Scott (Washington, DC)

### Other Affiliations

2012-	Fellow, CESifo Network, Munich, Germany
2012 (Fall)	Visiting Scholar, CESifo Network, Munich Germany
2013-	Member, Economics of Higher Education Network, London School of Economics
2010-2012	International Research Fellow, CMPO, University of Bristol
2009-2010	Visiting Scholar, CMPO, University of Bristol
2008-2010	Fellow in Residence, C.D. Howe Institute
2001-2002	Post-Doctoral Fellow, National Academy of Education (Spencer Foundation)
2005	Visiting Scholar, University of Melbourne, Department of Economics
2000	Visiting Scholar, Indiana University & Purdue University at Indianapolis, Department of Economics
1999	Summer Fellowship, Association for Institutional Research

## **Editorial and Executive Positions**

### Editorial Boards:

2013- Editorial Board Member, *Canadian Tax Journal*  
2006-2013 Associate Editor, *Economic Journal*

### Executive and Related Positions:

2013-2016 Canadian Economics Association Executive Committee  
2009-2013 Canadian Women Economists Network: Past President (2012-13), President (2011-12), President-Elect (2010-11), Board Member (2009-2010),  
2008-2010 Board of Advisors, Science of Generosity, University of Notre Dame  
2006-2009 Board of Directors, American Education Finance Association  
2005-2007 Board of Directors and Co-chair of Special Events Committee  
Fort York Food Bank, Toronto, Ontario  
2002-2004 Advisory Committee, Aspen Institute's Initiative on Nonprofits and Public Policy

### Professional Service (External):

2014 (May) Participant, Muttart Foundation Meeting to discuss reform of CRA T3010 Form (3 day meeting), by invitation only  
2013-2014 Scientific Committee, International Institute of Public Finance Annual Meeting  
2012-2013 SSHRC Graduate Student Awards Committee  
2006-2009 SSHRC Standard Grants Review Committee  
2007-2008 Statistics Canada, Canadian Household Panel Survey Committee, Income and Labour Group

## **Professional Organization Affiliations**

American Economics Association  
Canadian Economics Association  
Association for Education Finance and Policy  
International Institute for Public Finance  
National Tax Association  
Canadian Women Economists Network

**Areas of Interest:** Empirical analysis of public economics issues especially those pertaining to government spending and behaviour, charitable giving, and how charities impact their communities. Analysis of issues pertaining to the economics of education including school finance, school choice, student decisions towards higher education, and research productivity. Issues in law and economics especially those pertaining to criminal sentencing and judicial behaviour.

## **Lifetime Research Funding**

2016	SSHRC, Connections Grant, PI “What does the non-profit sector need to know about data? A collaborative curriculum workshop”	\$25,000
2015-2020	SSHRC, Insight Grant, PI “Empirical Studies in Public Economics” w/ James Andreoni (UC-San Diego, collaborator), David Card (UC-Berkeley, collaborator), Sarah Smith (U of Bristol)	\$263,552

2015-2020	CFI-JELF, Ontario MRI, PI “PEDAL 2.0: Secure Data Linking to Quantify Impacts of Social Intervention,” with Magdalena Janus and Fei Chiang (co-investigators)	~\$500,000
2013-2015	SSHRC, Partnership Development Grant, PI “Community Prosperity: Understanding How Charities Engage and Affect Canadian Communities,” with Rose Anne Devlin (co-investigator), Ross Hickey (collaborator)	\$199,500
2013-2015	SSHRC, Partnership Development Grant, co-applicant “Hamilton Urban Youth Project,” with Elizabeth Dhuey (Principal Investigator)	\$198,860
2013-2014	Ontario Human Capital Research and Innovation Fund, Ministry of Training, Colleges, and Universities, PI “Understanding University STEM Program Enrolment Decisions”	\$42,800
2013-2014	Ontario Human Capital Research and Innovation Fund, Ministry of Training, Colleges, and Universities, co-applicant “Understanding Effects of Online Homework” with Bridget O’Shaughnessy (Principal Investigator)	\$42,800
2013-2015	SSHRC, Insight Development Grant, co-applicant “The Effect of Income Inequality on Charitable Giving,” with Justin Smith (Principal Investigator)	\$49,220
2013-2015	SSHRC, Insight Development Grant, co-applicant “An Exploration of Charitable Organizations,” with Ross Hickey (Principal Investigator)	\$73,110
2013-2014	MITACS Accelerate Program with City of Hamilton, supervisor “Internship Opportunity for Jacob Travis (MAEP student)”	\$22,500
2013-2014	ESRC (UK), co-investigator “Maximising the Impact of Online Fundraising,” with Sarah Smith (Principal Investigator)	£17,500
2009-2013	Higher Education Quality Council of Ontario, PI “Exploring Accessibility and Persistence in Postsecondary Education among Ontario Students Using Linked Administrative Data Sets,” with Martin Dooley (co-investigator), Les Robb (co-investigator), and David Card (collaborator)	\$670,575
2012-2013	Higher Education Quality Council of Ontario, collaborator “Non-Traditional Pathways through Apprenticeship Programs,” James Vanderveken (principal investigator) and Martin Dooley (collaborators)	\$66,440
2011-2013	Higher Education Quality Council of Ontario, co-investigator “Collaborative Learning versus Traditional Tutorials in Large Classes,” with Karen Menard (co-investigator), Bridget O’Shaughnessy (co-investigator)	\$57,090
2010-2012	SSHRC, Standard Research Grant, PI “Empirical Issues in Public Economics: Education and Charities” w/ James Andreoni (UC-San Diego, collaborator), David Card (UC-Berkeley, collaborator), Kimberly Scharf (Warwick University, collaborator)	\$82,500
2010-2011	SSHRC, International Opportunities Fund, PI “Understanding Giving in Canada and the United Kingdom” w/ James Andreoni (UC-San Diego), Kimberly Scharf (Warwick University), and Sarah Smith (University of Bristol)	\$74,090
2011-2012	Niagara College, Research Contract for Studying Matriculation	\$14,795

2010-2012	SSHRC, Research Development Initiative, collaborator, “Creating Longitudinal Data on Students Early Years” with Scott Davies (PI) and Magdalena Janus (collaborator)	\$37,900
2008-2009	Higher Education Quality Council of Ontario, PI “Post-secondary education feasibility study and college template,” Martin Dooley and Les Robb (co-investigators)	\$99,880
2008-2009	Higher Education Quality Commission of Ontario, PI “A study of applications to university by students in low-income neighbourhoods,” Martin Dooley and Les Robb (co-investigators)	\$43,120
2007-2009	SSHRC (Research Development Initiative), PI “Understanding Donor Behaviour,” James Andreoni (co-investigator)	\$40,000
2005-2008	SSHRC, Standard Research Grant, PI “A Study of Empirical Public Economics Issues: Effects of Government Funding and Policies on Charities and Education”	\$58,234
2004-2005	CESC-SSHRC Education Research Initiative, co-investigator “Transitions to and Success in University,” Martin Dooley (PI) and Les Robb (co-investigator)	\$100,000
2003-2007	CRC/CFI Infrastructure Fund, PI “Research Data Laboratory for the Study of Canadian Public Economics Issues”	\$1,143,068
2003-2004	CESC-SSHRC Education Research Initiative Program, PI “The Effects of Choice and School Finance on Learning Outcomes,” with Martin Dooley (collaborator)	\$91,960
2001-2002	National Science Foundation, PI “Research Funding and Productivity at Universities: Studies on Earmarking and Set-Aside Programs”	\$65,846
2001-2002	Joyce Foundation, PI “The Effect of School Finance Reform on Education in America’s Cities: A Policy Research Workshop of the Institute of Government and Public Affairs,” with Therese McGuire (co-PI)	\$98,800
1998-2001	SSHRC, PI “Empirical Research in Public Economics: Studies on Canadian Non-profits and Appellate Courts.”	\$37,200
1997-1999	Connaught Matching Grant, University of Toronto, PI “Donations and Grants to United Way Supported Agencies: Studies on Donor and Organization Behavior”	\$30,000
1996-1999	Andrew W. Mellon Foundation, PI “Donations and Grants to Colleges and Universities: Studies on Donor and School Behavior,” with Aloysius Siow (collaborator)	\$165,000

### Lifetime Publications

#### Peer-Reviewed Articles:

“Does Income Inequality Increase Charitable Giving?” with Justin Smith, *Canadian Journal of Economics*, 48(2), May 2015

“Do grants to charities crowd out other sources of income? Evidence from the UK,” with James Andreoni and Sarah Smith, *Journal of Public Economics*, 114: 75-86, June 2014 (previous version *NBER Working Paper* #18998)

“Implementation of Anti-Discrimination Policy: Does Judicial Selection Matter?” with Timothy Besley, *American Law and Economic Review*, 15(1): 212-251, Spring 2013

“Persistence and Academic Success in University,” with Martin Dooley and Les Robb, *Canadian Public Policy* 38(3): 315-337, September 2012

“The Impact of Cost on the Choice of University,” with Martin Dooley and Les Robb, *Canadian Journal of Economics* 45(2):755-783, May 2012

“Is Crowding Out Due Entirely to Fundraising? Evidence from a Panel of Charities,” with James Andreoni, *Journal of Public Economics*, 95(5-6): 334-343, June 2011 (previous versions of the paper were under the title “Crowding Out Both Sides of the Philanthropy Market: Evidence from a Panel of Charities”, *NBER Working Paper* #16372)

“The Effects of School Board Consolidation and Financing on Student Performance,” with Steve Chan and Jack Leach, *Economics of Education Review*, 29(6):1034-1046, December 2010

“School Competition and Efficiency with Publicly-Funded Catholic Schools,” with David Card and Martin Dooley, *American Economic Journal: Applied Economics*, 2(4): October 2010 (note previous version is *NBER Working Paper* #14176)

“Government Oversight of Organizations Engaged in Multiple Activities: Do Centralized Performance Schemes Encourage Quantity or Quality?” with Joanne Roberts, *Review of Economics and Statistics* 92(1):207-212, February 2010

“Does Government Funding Change Behavior? An Empirical Analysis of Crowd Out,” *NBER Tax Policy and the Economy*, 23: 159-184, 2009

“The Impact of State Governance Structures on Management and Performance of Public Organizations: A Study of Higher Education Institutions,” with Jack Knott, *Journal of Policy Analysis and Management*, 23(1), 13-30, Winter 2004

“Government Grants to Private Charities: Do They Crowd-Out Giving or Fund-raising?” with James Andreoni, *The American Economic Review*, 93(3), 792-812, June 2003

“Does Federal Research Funding Increase University Output?,” with Aloysius Siow, *Advances in Economic Analysis and Policy*; BePress, 3(1), 1-22, 2003

“Congressional Representation of Alma Maters and Districts: The Political Economy of Federal Funding to Research Universities,” *Economic Inquiry*, vol. 41(2), 325-46, April 2003

“The Role of Politically Motivated Subsidies on University Research Activities,” *Educational Policy*, 17(1), 12-37, January/March 2003

“Do Congressional Earmarks Increase Research Productivity at Universities?” *Science and Public Policy*, 29(5), 314-330, October 2002

“School Finance Reform, the Distribution of School Spending, and the Distribution of SAT Scores,” with David Card, *Journal of Public Economics*, 83(1), 49-82, January 2002

“Measuring the Effect of Federal Research Funding on Private Donations at Research Universities: Is Federal Research Funding More than a Substitute for Private Donations?” *International Tax and Public Finance*, 8, 731-51, November 2001

“An Empirical Study of Matching Grants: The ‘Cap on CAP’,” with Michael Baker and Michael Smart, *Journal of Public Economics*, 72(2), 269-88, May 1999

“Federal Sentencing Guidelines and Mandatory Minimum Sentences: Do Defendants Bargain in the Shadow of the Judge?” with Chantale LaCasse, *Journal of Law and Economics*, XLII (1, Part 2), 245-270, April 1999

“Does the Government Crowd-Out Private Donations to Charity? New Evidence From a Sample of Non-profit Firms,” *Journal of Public Economics*, 69(3), 323-345, September 1998

“Federal Sentencing Guidelines and Mandatory Minimum Sentences: Their Impact on Prison Terms and Judge Disparity,” *International Review of Law and Economics*, 17(3), 337-366, September 1997

Peer-Reviewed Contributions to Books:

“Online Fundraising – The Perfect Ask?”, with Kimberly Scharf and Sarah Smith, 2015, accepted, CESifo Volume on the Social Economy

“Charitable Giving,” with James Andreoni, chapter 1 in the *Handbook of Public Economics*, Alan Auerbach, Raj Chetty, Martin Feldstein, and Emmanuel Saez, editors, August 2013

“Do Government Grants to Private Charities Crowd Out Giving or Fundraising?” with James Andreoni, publication reprinted in *The Economics of Philanthropy and Fundraising*, edited by James Andreoni. Part of the collection: “International Library of Critical Writings in Economics” (Mark Blaug, general editor), Edward Elgar Publishing Ltd., Cheltenham, UK and Northampton, MA, 2013

“Competition and Student Performance,” in Eva Baker, Barry McGaw, and Penelope Person (editors) the *International Encyclopedia of Education*, 3<sup>rd</sup> Edition, May 2010 and *Economics of Education*, Dominic Brewer and Patrick McEwen (editors)

“Earmarks and EPSCoR: Shaping the Distribution, Quality, and Quantity of University Research,” in David Guston and Daniel Sarewitz, editors, *Shaping Science and Technology Policy*:

*The Next Generation of Research*, edited by David H. Guston and Daniel Sarewitz, November 2006, University of Wisconsin Press.

“Federal Sentencing Guidelines and Mandatory Minimum Sentences: Do Defendants Bargain in the Shadow of the Judge?” with Chantale LaCasse, publication reprinted in *The Economics of Crime*, edited by Professor Isaac Ehrlich and Dr Zhiqiang Liu. A three-volume book of readings with an introduction outlining the evolution of the subject and the structure of the book. Part of the collection: “International Library of Critical Writings in Economics” (Mark Blaug, general editor), Edward Elgar Publishing Ltd., Cheltenham, UK and Northampton, MA, 2006.

Peer-Reviewed Reports:

“Understanding the Gaps in Postsecondary Education Participation Based on Income and Place of Birth: The role of high school course selection and performance” with Martin Dooley and Les Robb, Higher Education Quality Council of Ontario, forthcoming

“Understanding the Gender Gap in Post-Secondary Schooling Participation: The Importance of High School Choices and Outcomes,” with David Card, Higher Education Quality Council of Ontario, May 2015

“The Impact of Residing in Low-Income Neighbourhoods and Place of Birth Contribute to Post-Secondary Education Participation in Ontario,” with Martin Dooley and Les Robb, *under revision for publication*, Higher Education Quality Council of Ontario

“The First-Time Donor Credit: Sound Policy or Short-Term Fix?” *Canadian Tax Journal*, 61:4, 2013, 1091-1101

“Understanding the Determinants of Academic Success in Apprenticeship Programs at Mohawk College,” with Martin Dooley, Higher Education Quality Council of Ontario Research Report, December 2013

“The Impact of Scholarships and Bursaries on Persistence and Academic Success in University,” with Martin Dooley and Leslie Robb, Higher Education Quality Council of Ontario Research Report, January 2013

“Changing Landscapes for Charities in Canada: Where Should We Go?”, *SPP Research Papers*, School of Public Policy, University of Calgary, vol 5, issue 34, November 2012

“Understanding the Gender Gap in University Participation: An Exploration of the Application Behaviour of Ontario High School Students,” with David Card and Cristina Sechel, *Higher Education Quality Council of Ontario* Research Report, August 2011

“Understanding the Determinants of Persistence and Academic Success in University: An Exploration of Data from Four Ontario Universities,” with Martin Dooley and Leslie Robb, *Higher Education Quality Council of Ontario* Research Report, June 2011

“Lending a Hand: How Federal Tax Policy Could Help Get More Cash to More Charities,” *E-brief 88, C.D. Howe Institute*, December 2009

“University Participation and Income Differences: An Analysis of Applications by Ontario Secondary School Students,” with Martin Dooley and Les Robb, *Higher Education Quality Council of Ontario* Research Report, September 2009

“An Open and Shut Case: Catholic and Public School Choices in Ontario,” *C.D. Howe Institute Backgrounder 115*, October 2008

“Private Foundations Deserve Same Tax Treatment as Public Charities,” *C.D. Howe Institute E-Brief*, No. 38, January 2007

“Firm Foundations: Putting Private and Public Foundations on Level Ground,” *C.D. Howe Institute Backgrounder*, No. 88, February 2005

“State Governance of Higher Education,” with Jack Knott, *Institute of Government and Public Affairs Report*, University of Illinois, March 2001

“The Impact of Federal Fiscal Arrangements: Evidence from the ‘Cap on CAP’,” with Michael Baker and Michael Smart, *Policy Options*, November 1998

#### Submitted Publications (Peer-reviewed)

“Diversity and Donations: The Effect of Religious and Ethnic Diversity on Charitable Giving,” *NBER Working Paper #176118*, with James Andreoni, Justin Smith, and David Karp, May 2016, under revision for re-submission

“The Sensitivity of Charitable Giving to the Timing and Salience of Tax Credits” with Ross Hickey and Bradley Minaker, September 2015, in submission

“Crowding Out: The Effect of Government Grants on Donors, Fundraisers, and Foundations in Canada” (previously titled “Crowding-out Charitable Contributions in Canada: New Knowledge from the North,” *NBER Working Paper #17635*), with James Andreoni, December 2014, under revision

“Understanding the STEM Path through High School and into University Programs”, with Martin Dooley, Mitch Steffler, and Jessica Wagner, in submission

#### Works in Progress

“Fundraising spillovers: Evidence from mass campaigns (tentative title)” with Kimberly Scharf and Sarah Smith

“Understanding Gender Differences in PSE Participation (tentative title),” with David Card

“School Board Trustees: Exploring Their Impact on Schooling” (tentative title) with Elizabeth Dhuey

“Digging into Crowding Out and Warm Glow .. The Impact of Government Funded New Charity Initiatives on Private Giving and Charity Fundraising (tentative title),” with Bradley Minaker

“The Effects of Class Size Reduction and Split Classes on Student Performance (tentative title),” with Michael Baker and Natalie Malak

“Big Fish or Small Pond.. effects of decisions made on university attendance (tentative title),” with Justin Smith

“The Effectiveness of Tutorials in Large Classes: Do They Matter? Is There a Difference between Traditional and Collaborative Learning Tutorials?” with Karen Menard and Bridget O’Shaughnessy

“The Effectiveness of Online Homework Assignments in Large Classes: Do They Matter (tentative title)?” with Karen Menard and Bridget O’Shaughnessy

“Understanding the T3010 data” (tentative title) with Bradley Minaker

#### Unpublished Documents

“The Impact of State Governance Structures on Higher Education Resources and Research Activity,” with Jack Knott, July 2001

“Government Impact at Research Universities: Reactions by Alumni, Corporations, Foundations, and Others to Federal Research Expenditures,” mimeo, October 1999

“Are All Agencies Alike? The Impact of Politics on University Research Funding From Ten Federal Agencies,” mimeo, October 1999

Journal and Grant Referee: *American Economic Review, Canadian Journal of Economics, Journal of Public Economics, American Economic Journal, Canadian Public Policy, Contemporary Economic Policy, Economic Inquiry, Economic Journal, Education Finance and Policy, International Review of Law and Economics, International Tax and Public Finance, Journal of Business and Economics Statistics, Journal of Human Resources, Journal of Policy Analysis and Management, National Tax Journal, Nonprofit and Voluntary Sector Quarterly, Review of Economics and Statistics, Southern Economic Journal, SSHRC, National Science Foundation, Oxford Bulletin*

#### **Academic and Research Conference and Seminar Presentations**

(note: presentations given unless otherwise noted in parentheses)

##### **2015/2016 (planned or completed)**

Nonprofit Study Group, University of Southern California (March 2016)

American Education Finance & Policy Annual Conference (March 2016)

Ministry of Education, Achieving Excellence & Enhancing Public Confidence, Toronto (Feb 2016)

ASSA/AEA Annual Meeting (January 2016)

National Tax Association Annual Meeting (November 2015)

Canadian Public Economics Study Group (October 2015)

Science of Philanthropy (September 2015)

International Institute of Public Finance (August 2015)

##### **2014/2015**

State of the Art Lecture, Canadian Economics Association (invited lecture, Toronto, May 2015)

Canadian Economics Association Annual Meeting (May 2015)

Association of Education Finance and Policy (March 2015)

National Tax Association Annual Meeting, Sante Fe, New Mexico (November 2014)

ARNOVA Annual Meeting, Denver, Colorado (November 2014)

CES-Ifo Economics of Education Conference, Munich, Germany (September 2014)

Science of Philanthropy, University of Chicago (session chair, October 2014)  
International Institute of Public Economics Annual Meeting, Lugano, Switzerland (August 2014)

**2013/14**

University of Warwick (UK) CAGE Conference: NTO Non-Profits, Governments and Organizations (June 2014)  
University of Namur (Belgium), Department Seminar (June 2014)  
Canadian Economics Association Annual Meeting (June 2014)  
Duke Economics Department Conference on Charitable Giving (April 2014) (participant)  
Association of Education Finance and Policy (March 2014)  
Allied Social Science Association (AEA), Annual Meeting (January 2014)  
National Tax Association, Annual Meeting (November 2013)  
UBC Economics, Department Seminar (November 2013)  
Atlantic Canada Economics Conference, Annual Meeting (Invited Speaker) (October 2013)  
CES-Ifo Economics of Education Conference, Munich, Germany (September 2013)

**2012/13**

Canadian Economics Association, Annual Meeting (June 2013)  
Economics and Public Policy, Invited Conference, University of Toronto (May 2013)  
Generosity and Well-Being, Invited Conference, University of Warwick (April 2013)  
University of Toronto, Department of Economics Seminar (March 2013)  
University of California at Davis, Business School (Accounting) Seminar (January 2013)  
Invited Conference to Honor James Andreoni's Contributions to Warm Glow (January 2013)  
National Tax Association, Annual Meeting (November 2012)  
Carleton University, Seminar (November 2012)  
International Institute of Public Finance, Annual Meeting (August 2012)

**2011/12**

Canadian Economics Association Annual Meeting (May 2012)  
CEPR Conference on Altruism and Charitable Giving, Paris (May 2012)  
Royal Economic Society Annual Meeting, Invited Session (March 2012)  
Social Determinants of Charitable Giving, CMPO, University of Bristol (February 2012)  
University of British Columbia, Okanagan, Departmental Seminar (November 2011)  
University of Waterloo, Department of Economics (October 2011)  
International Institute of Public Finance, Annual Meeting (August 2011)

**2010/11**

Canadian Economics Association (May 2011)  
Tax Time, Conference hosted by Canadian Tax Foundation (May 2011)  
American Education Finance Association (April 2011)  
University of Ottawa, Department of Economics (Winter 2011)

**2009/10**

Canadian Economics Association Annual Meeting (May 2010)  
American Education Finance Association (discussant, April 2010)  
Royal Economic Society Annual Meeting (UK, March 2010)  
Federal Reserve Bank of New York, Education Seminar Series (October 2009)  
International Institute for Public Finance, Cape Town, South Africa (August 2009)  
Western Economics Association, President-Elect Special Session, Vancouver, BC (July 2009)

**2008/09**

Canadian Public Economics Study Group (part of CEA Annual Meeting, discussant, May 2009)

Canadian Labour Market and Skills Researcher Network Meeting (discussant, May 2009)  
Royal Economic Society Annual Meeting, England (participant, April 2009)  
American Education Finance Association (discussant, April 2009)  
Higher Education Council of Ontario workshop for researchers (March 2009)  
New York University/Abu Dhabi Conference on Education and the Media (January 2009)  
American Economic Association Annual Meeting (discussant, January 2009)  
Strengthening Canadian Charities, CD Howe Institute, Toronto (presenter and co-organizer, November 2008)

Department of Economics, University of Manitoba (November 2008)

London School of Economics, England (October 2008)

4<sup>th</sup> Conference of the RTN Network (EEEPE), Centre for Economic Policy Research, Amsterdam (October 2008)

Department of Economics, University of Cambridge, England (October 2008)

Tax Policy and the Economy Conference, Washington, D.C. (September 2008)

### **2007/08**

Canadian Economic Association (June 2008)

Public Economics United Kingdom, University of Warwick (May 2008)

American Education Finance Association (April 2008)

Indiana University/Purdue University at Indianapolis (March 2008)

American Economic Association Annual Meeting, CSWEP Session (Discussant, January 2008)

University of California at San Diego, Department of Economics (December 2007)

CLSRN Workshop on Education and Training, Queen's University (participant, September 2007)

University of Toronto, Department of Economics (September 2007)

### **2006/07**

American Education Finance Association (April 2007: presenter and discussant)

Canadian Labour Market and Skills Researcher Network, Annual Conference (June 2007)

Canadian Public Economics Working Group (May 2007: presenter and discussant)

CD Howe Institute Seminar on School Choice (June 2007)

II Workshop on Fiscal Federalism, Centro de Estudios Andaluces (June 2007)

Syracuse University, Department of Economics (November 2006)

Vanderbilt University, Peabody College (November 2006)

### **Before 2006**

American Economic Association (presenter 2001, 1999; participant 2003, 1995-2001; organizer of session 2006)

American Society of Criminology (discussant 1999)

American Economic Research Association, (2002, 2001)

American Education Finance Association (presenter and discussant, 2006, 2004)

Association for Research on Nonprofit Organizations and Voluntary Action (discussant, 2002)

Association of Public Policy and Management (2002, 1999)

CESC-SSHRC Symposium on Education (2004, 2003)

Canadian Economics Association (discussant 2004)

Canadian Law and Economics Association, Annual Meeting, Toronto, ON (Presenter: 2001; participant: 1995-1997)

Canadian Public Economics Working Group (2004, 2003, 2001, 1996-1999)

Cornell Higher Education Research Conference (presenter: 2000; discussant: 2003; participant:

2001)

Deakin University, Melbourne, Australia (2005)  
Denison University, Granville, Ohio (2006)  
IGPA Summer Workshop on School Finance Reform (organizer and presenter: 2003, 2002, 2001)  
Illinois Economics Association (discussant, 1998)  
IUPUI Summer Institute on Nonprofits, Indianapolis, IN (1998)  
Indiana University & Purdue University at Indianapolis, Department of Economics (2000)  
Institute of Fiscal Studies, London, England (1997)  
London School of Economics, London, England (1997)  
Macquarie University, Department of Economics, Sydney, Australia (2005)  
McMaster University, Department of Economics, Hamilton, Ontario (2002, 1996)  
Midwest Economics Association (Discussant: 2001, 2000)  
MOTU Institute Public Lecture, Wellington, New Zealand (2005)  
National Academy of Education (presenter: 2002; participant 2001)  
National Bureau of Economic Research, Higher Education Working Group (presenter: 2001, 2000; discussant: 2004, 2002; participant 2006, 2005, 2003)  
NBER Productivity Seminar, Boston, MA (1999)  
National Tax Association Annual Meeting (discussant, 1999)  
Next Generation of Leaders in Science and Technology Policy (2002)  
North American Econometric Society Meetings (1998)  
Northwestern University, Department of Economics (2002, 1998)  
Public Policy Institute of California, San Francisco, CA (2001)  
Queen's University, Department of Economics (2003)  
Rutgers University, Department of Economics (1999)  
Simon Fraser University, Department of Economics (2003)  
TARGET-Conference on Education, Training and the Evolving Workplace, Vancouver (2006)  
University of British Columbia, Department of Economics (2004)  
University of California at Berkeley, Department of Economics (2002, 1999)  
University of Illinois, Institute of Government and Public Affairs, Urbana, IL (1998)  
University of Illinois, College of Urban Planning and Public Affairs, Chicago, IL (1998)  
University of Melbourne, Australia, Department of Economics (2005, 2003)  
University of Victoria, Department of Economics (2003)  
University of Warwick and Institute of Fiscal Studies Joint Conference (by invitation only conference of public economists), Warwick, England (1998)  
University of Western Ontario, Department of Economics, London, Ontario (1995)  
University of Wisconsin, Department of Economics (2003, 2000, 1998)  
Urban Institute, Charitable Statistics Division (2000)  
Villa Columbella, Rome Italy (by invitation only conference of public economists, 1996)  
Wilfred Laurier University, Department of Economics (2005)

### **Engagement Activities Related to Big Data**

*Conferences, Symposia, and Workshops*

2016 (Feb)    Organizer, MacDATA Workshops/Presentations (3 in total) on Data Management and Data Sharing Agreements

2015 (Nov) Organizer, MacDATA Workshop/Presentation on Big Data Funding Opportunities through SOSCIP Consortium, McMaster University

2015 (Nov) Co-Lead, President's Research Showcase: Big Data and Innovation (Health and Social Innovation), McMaster University

2015 (April) Organizer, MacDATA Institute Launch, "Privacy and Big Data," Dr. Helen Nissenbaum (New York University), McMaster University

2015 (April) Organizer, Using Oracle in Your Research workshop, McMaster University

2014 (Dec) Organizer, Symposium on Ethics, Privacy, and Related Matters pertaining to the use of Big Data, McMaster University (joint with McMaster University Library and McMaster University Research Ethics Board)

2014 (Sep) Co-Chair, Big Data Symposium, McMaster University

*Participant in Conferences Tied to Big Data*

2015 (Oct) Using Data for Social Good, hosted by Bloomberg Philanthropy, NYC

2014 (Oct) Big Data and Analytics Education Conference, hosted by IBM, Las Vegas

2014 (Sept) KDD/SIG: Using Data for Social Good New York City

**Public Outreach Activities Related to Own Research**

*Organizer of Outreach Conferences and Workshops*

2016 (Feb) Leader, workshop on Achieving Excellence and Enhancing Public Confidence" Ministry of Education, Toronto, Ontario

2008 (Nov) Co-Organizer, *Strengthening Canada's Charities: Examining Challenges to the Charitable Sector*, Toronto, Ontario

2006 (April) Co-Organizer, *Innovations in Quality Assessment in Post-Secondary Education: Beyond Inputs and Outputs*, Hamilton, Ontario

2001-2003 Co-organizer of IGPA's Summer Research Workshop, *The Effect of School Finance Reform on Education in America's Cities*, Chicago, IL

1998 Session Organizer, Conference of New Legislators (in Illinois), session on issues concerning efforts to reduce crime

*Outreach Presentations and Other Activities*

2015 (Nov) Partnering for Public Good, MacTALK as part of President's Research Showcase, McMaster University

2014 (Nov) Presentation on the uses of data to understand communities, Community Knowledge Exchange [CKX] Conference (Toronto), an event funded by Ontario Trillium Foundation and Community Foundations Canada

2014 (Oct) Workshop on Social and Community Prosperity, participant, Fort McMurray, AB

2014 (May) Muttart Foundation Consultation on the Charity T3010 Form, Banff, AB

2014 (May) Canada Revenue Agency T3010 User Group Panel Participant (Ottawa)

2014 (May) Motivations for Giving and Choosing a Charity, Paul Harris Award Dinner Speech, Rotary Club of Dundas

2014 (April) Presentation on Charities and Charitable Giving, Department of Finance, Ottawa

2013 (Oct) *Panel on Administrative Data*, Canadian Research Data Centre Network, Waterloo, ON

2012 (June) *Using Ontario Administrative Data to Understand PSE Participation and Completion: Benefits and Challenges*, Ministry of Training, Colleges, and

Universities, Toronto, ON  
2012 (May) *Working With CRA Information Return Data*, Association for Nonprofit and Social Economy Research (ANSER), Waterloo, ON

2012 (Feb) Testimony, House of Commons (Canada) Standing Committee on Finance Study of Charitable Giving

2011 (Nov) *Low-Income Students: What the Data Say*, Fear of Finance: Financial Literacy And Planning for Postsecondary Education, Higher Education Quality Council Of Ontario, Toronto, ON

2011 (June) *Understanding the Gender Gap in University Participation: An Exploration Of the Application Behaviour of Ontario High School Students*, Council on University Planning and Analysis, Hamilton, ON

2009 (Dec) *Panel on Charities and Charitable Giving*, University of Bristol, London, UK

2009 (Jan) *Working with Canadian Education Data*, Conference on Education and the Media, New York University, Abu Dhabi

2008 (Sep) Dundas Rotary Club, *Understanding Charitable Giving*

2006 (May) *Research on Education and Charities*, Student Program on Organizational Structure, Denison University, Granville, OH

2005 (May) *Public Lecture on School Choice*, Motu Economic and Public Policy Research, Wellington, New Zealand

2005 (May) *Roundtable on School Choice*, School of Government, Victoria University, Wellington, New Zealand

2003 (June) *Overview of the role of selection issues in studying criminal plea bargaining and The role of judges*, Summer Institute on Data Analysis, York University

1998 (Fall) *Treatment of Juvenile Offenders*, Conference of Women Legislators (in Illinois),

#### Not Peer-reviewed Publications/Reports

“Government Funding and Private Charitable Donations: The Canadian Experience,” *Research in Public Policy Issue 16*, Centre for Markets and Public Organisations, University of Bristol, Autumn 2013

“Diversity and Donations,” *Research in Public Policy*, Issue 14, Centre for Market and Public Organisation, University of Bristol, Summer 2012

Brief discussing issues around charitable giving prepared for House of Commons Standing Committee on Finance, February 2012

Report on McMaster, University of Bristol University of Warwick, and JustGiving Survey of Online Fundraisers, Sponsors, and Donors: Summary of Responses, PEDAL Report, 2012

Report discussion patterns of matriculation for Niagara College, (Olesya Kotlyachkov, PI; Martin Dooley, Abigail Payne, Les Robb, collaborators), December 2011

Report discussing patterns in charitable giving and potential effects of recent tax policies affecting charitable giving for Peartree Financial, Fall 2011

Report on McMaster and CanadaHelps Survey of Online Donors: Summary of Responses, PEDAL Report, 2011

Review of *Good & Plenty: The Creative Successes of American Arts Funding*, by Tyler Cowen, *Journal of Economic Literature*, XLVI(1): 189-191, March 2008

Review of *Helping Children Left Behind: State Aid and the Pursuit of Educational Equity*, edited by John Yinger, *National Tax Journal*, 58, 843-46, December 2005

Response to comments made with respect to "Firm Foundations: Putting Private and Public Foundations on Level Ground," *Canadian Tax Journal*, 53(3), 1-3, December 2005

"State Governance of Higher Education," with Jack Knott, *Institute of Government and Public Affairs Report*, University of Illinois, March 2001

"The Impact of Federal Fiscal Arrangements: Evidence From the 'Cap on CAP,'" with Michael Baker and Michael Smart, *Policy Options*, November 1998

Report discussing school enrollments and the employment of teachers in the London, Ontario School System, prepared for Legate and Associates, February 2005

Report discussing school enrollments and the employment of teachers in the London, Ontario School System, prepared for Legate and Associates, September 2004

"Role of Government Panel: The Culture Industry", part of report for the Ontario Government, Fall 2003

### **Public Economics Data Analysis Laboratory Activities (2003-present)**

Founder and Director of PEDAL. PEDAL is a secure facility whose purpose is to promote the development of research ready data sets derived from administrative and/or proprietary data, the linking of measures across data sets, the development of online surveys, and the training of students on the use of these data sets. The lab is used by me, my collaborators, and researchers located around the world. Operation of the lab includes the supervision of a lab manager, 1-3 data technicians, and research assistants (graduate and undergraduate). Access to the data is through a secure means, both physically and virtually. For most data sets, the ownership of the data remains with the data provider and the data are updated on a regular basis to support research and training. Data holdings and affiliated researchers are continuously expanding. Current affiliated researchers is provided on the PEDAL website.

*Data sets developed through PEDAL by Dr. Payne (note PEDAL contains additional data sets developed by other affiliated researchers)*

#### Education Data

Student performance on standardized tests in grades 3, 6, and 9 in Ontario, 1998 to present. Individual level records that are linked to school level measures and census data.

School level data, Ontario 1990 to present. Captures enrollments by grade and gender, school catchements areas, information on principal assignment, openings and closings.

Student high school transcript and information on PSE participation, 2 cohorts (2005/06 Grade 9 and 2005/06 Grade 10), Ontario Ministry of Education. Individual level records documenting course selection, performance, and decisions around PSE application and registration. Records are matched to Census data and other education related data.

Student applications to Ontario universities, 1994 to present. Individual level records linked to high school level measures, census data, university level data, and additional information such as tuition rates, scholarships.

Student progression and performance in K-12 for all Hamilton based school boards, 2002-present (in progress). Individual level records containing information on attendance, performance, and personal characteristics (age, gender, special needs, etc.) that will be matched to individual data from other sources, community level measures, and Census data.

School Board Trustee Data for Ontario Publicly

Child and family records from Early Years Centres in Hamilton, 2005-present (in progress). Individual level records containing information on participation in programs at the various early years centres in Hamilton that will be linked to individual school level records, community measures, and Census data.

Student university transcript for students registered in first year economics course at McMaster 2009 to 2013. Individual level records on course performance, personal characteristics, linked to university application data, high school data (student level and grouped), and census data.

Student college transcript data for all apprenticeship students registered at an Ontario College, 2000-2012. Individual level records on course performance, program completion (or exit), and personal information linked to Census data.

Student college transcript data for all students registered at an Ontario College, 2007-2009 cohorts of students, covering matriculation up to 2012.

Student university transcripts at four Ontario universities, 1998 to 2008. Individual level records documenting performance in and completion (or exit) of university, linked to university application data, high school level measures, census data, and tuition data.

Student data for students attending grades K-12 in British Columbia schools, 1990s to 2005 (no longer using). Individual level records on attendance, performance on standardized tests, and personal characteristics (birth date, gender, special needs), linked to school level and census data.

### Charity Data

Canadian charity level data 1992 – present. Revenues, expenditures, and other information as provided on the CRA T3010 form completed by all registered charities in Canada, matched to census data, elections data, and miscellaneous data at the community level.

Canadian online donor data 2001-2010. Information on online giving by individuals to Canadian charities from a proprietary online giving portal. Records contain information on charities to which donations were made, amount of donations, and information that permits the linking to census neighbourhood information. Data are matched with charity information return data and the responses from a PEDAL created online survey.

Canadian tax filer donations data 1991-present. Information on tax filers and their reported income and donations aggregated to the forward sortation area (FSA) and census subdivision. Measures are matched to census data.

UK donor, fundraiser, and sponsor data, 2002 to present. Information from online giving and online fundraising pages by UK individuals. Records contain information on reason for fundraising page, charity being supported, and sponsorship amounts. Records also contain information on direct donations made to UK charities through the online portal. Data are match to charity information, neighbourhood characteristics, and the responses from a PEDAL created online survey.

Applications and Grants to Canadian Charities and Nonprofits by a provincially based foundation, 1999 to present. Organization level data with information on project, amounts requested/funded, region of project and location of organization. Data are matched to charity information return data, community level data, and Census data.

Individual donor and charity specific data from umbrella charity agency (in progress). Information on donations, charity operations, and grants made to charities that will be matched to community level and Census data.

US charity level data 1992-2005 (no longer using and initial transformation done before PEDAL).  
Revenues, expenditures, and other information as provided on IRS form 990 by nonprofits operating in the US.

#### Miscellaneous Data

Federal Elections Data, 1960s to present. Individual level election and contributions data for federal candidates for Canadian parliament. Information provided by federal riding.

US employment charges of discrimination, 1973 to 2000 (no longer updated). Individual records on charges of employment discrimination in the US matched to information on judicial selection, court cases, and county level socio-economic measures.

#### Lab Manager and PEDAL Data Technicians

Olesya Kotlyachkov (2003/present); Kathryn Swierzewski (2015/present, 2013/14); Peter Vesa (2014/15); Jessica Wagner (2014); Mitch Steffler (2013/14); Jacob Travis (2012/13), Karen Armstrong (2012/13); Brad Minaker (2011/12); Linda Jonkers (2011/2012); Cristina Sechel (2008/2011); Leyden Martinez-Fonte; Huizi Zhao (2006/08)

#### **Courses Taught (Last 5 Years, 2009-2014)**

##### Undergraduate:

Social Sciences 1SS3: Inquiry into the Social Sciences (2006-2010)  
Economics 3WW3 (2010-2011)

##### Graduate:

Economics 799: Workshop in Economics (2014)  
Economics 733: Topics in Public Economics (2003-2004, 2006-2011, 2013-2015)  
Economics 773/774: Economics Policy Analysis I & II (2006-2016)

#### **Supervision of Students**

##### PhD Dissertation Supervision

###### **Current**

Brad Minaker, Ph.D. Candidate, McMaster University (supervisor) (in progress)  
Grant Gibson, Ph.D. Candidate, McMaster University (co-supervisor) (in progress)  
Khoung Troung, Ph.D. Candidate, McMaster University (co-supervisor) (in progress)  
Daniel Shack, Ph.D. Candidate, University of British Columbia (committee member) (in progress)

###### **Completed/Withdrawn**

Iryna Kryvoruchko, Ph.D. Candidate, McMaster University (co-supervisor) (completed 2013)  
Phil Leonard, Ph.D. Candidate, McMaster University (supervisor) (completed 2012)  
Justin Smith, Ph.D. Candidate, McMaster University (supervisor) (completed 2008)  
Jack Chow, Ph.D. Candidate, McMaster University (supervisor) (withdrawn)  
Cesar Furtado, Ph.D. Candidate, McMaster University (supervisor) (inactive)  
Anindya Sen, Ph.D., University of Toronto (on committee, 1997/98)

##### Masters in Economic Policy Students (all completed)

2014/15: Meaghan Beverley; Sean Bulger; Mathew Campo; Tyler Kroeker; Adam Li; Samir Mainuddin; Mohammad Rahman; Faisal Uddin; Alexandra Epp; Stephan Phipps-Burton; Chloe Zu; Jessica Ghansiam

2013/14: Spencer Crockford; Julien Dicaire; Emily Lyons; Yousaf Malik; Nana-akwasi Prempeh; Fredner Prevalus; Evan Silverstein; Peter Vesa; Simon Webb

2012/13: Bolanie Alake; Etonia Collier; Anastasia Konovalenko; Rosanne Li; Debbie Milinkovic; Shabnam Mohsenzadeh; Nilusha Sinnatamby; Mitch Steffler; Kathryn Swierzewski

2011/12: Akosua Andam; Grant Gibson; Karen Armstrong; Graeme Ball ; Alexander Brazil; Viktor Cicman; Adrian Guerin; Radek Navrlka; Alicia Riolino; Jake Travis; Sarah Hosick; Ian Donegan; Mladen Djukic; Rajiv Singh; Sarah Tuck;

2010/11: Matt Agarwala; Marjan Walli Attaei; Stephen Bonnar; Robbie Brydon Noemi Chanda; Erin D'Alessandro; Rob D'Aurelio; Bayan Farhan; Gary Fong; Catherine Mah; Allison Martell; Alex Ross; Najeeb Saou'r; Keith Walsh;

2009/10: Daniel Cobobianco; Jon-Michael Falconer; Sarah Hui; David Karp; Nathan Morley; Larisa Nurkanovic; Erik Schmitz-Hertzberg; Daniel Sfetcu;

2008/09: Nicole Jones; Mirela Koleva; Hawa Namiiro; Jehan Teja;

2005/06 to 2007/08: Isaac Behar (2005/06); Kirsty Inglis (2006/07); Stella Lui (2005/06); Emily Powadiuk (2006/07); Justin Trent (2005/06); Manique Weerasinghe (2006/07); Samir Girdhar (2007/08); Kasole Nyembo (2007/08);

#### Research Assistants

*Note only listing those RAs hired from 2005-06 to present*

2015/16: Brad Minaker, Ph.D. candidate; Josh Whelan, Ph.D. Candidate; Jenilee Forgie (MAEP candidate; Ali Sina Ahmadi (undergraduate), Julian Gordon (undergraduate), Mackenzie Fielding (undergraduate student);

2014/15: Brad Minaker, Ph.D. candidate; Miles White (undergraduate student); Alexandra Epp, M.A.E.P. candidate; David Vaughn, M.A. candidate; Mackenzie Fielding (undergraduate student)

2013/14: Brad Minaker, Ph.D. candidate; Mitch Steffler, M.A. Student; Jessica Wagner (undergraduate student); Miles White (undergraduate student)

2012/13: Brad Minaker, Ph.D. candidate; Karen Armstrong, M.A. Student; Jessica Wagner (undergraduate student)

2011/12: Phil Leonard, Ph.D. candidate; Brad Minaker, M.A. Student; Kirsten Saguill (undergraduate student)

2010/11: Phil Leonard, Ph.D. candidate; Linda Jonkers, M.A. Student; Rebecca Young (undergraduate student)

2009/10: Phil Leonard, Ph.D. candidate; Linda Jonkers, M.A. Student; Rebecca Young (undergraduate student)

2008/09: Phil Leonard, Ph.D. candidate; Alex Chute, Ph.D candidate; Qing Li, Ph.D. candidate

2007-08: Justin Smith, Ph.D. Candidate; Cristina Sechal, M.A. Student; Phil Leonard, Ph.D. candidate, Su Yu Xu, MA Policy Student

2006-07: Cesar Furtado, Ph.D. Candidate; Justin Smith, Ph.D. Candidate; Chris Gunn, M.A. student; Cristina Sechal, M.A. Student; Sarah Wang, M.A. student;

2005-06: Cesar Furtado, Ph.D. Candidate; Justin Smith, Ph.D. Candidate; Angela Yu, Ph.D. Candidate; Georgeanna Chan, M.A. student; Melissa Mei, MA student; Joseph Silva, M.A. student; Yufeng Wang, MA student

## **Administrative Responsibilities**

### Department:

Chair, Recruiting Committee (2015/16)  
Associate Chair (2013/2014 to present)  
Ad-Hoc Committee Member, Undergraduate and Graduate Studies Committee (2014/2015)  
Undergraduate Studies Committee (2010/2011)  
Chair, Research Committee (2006-2009)  
Graduate Studies Committee (2002/04 to 2005/06)  
Faculty Recruitment Committee (2003/04, 2006/07, 2013/14)  
MAEP Steering Committee (2005/06 to 2006/07)  
Library Representative (2003/04)

### University/Faculty:

University Technology Review, Co-Chair (2015/16)  
Research Showcase, Big Data, Co-Lead (2014/15, 2015/16)  
Selection Committee Faculty of Social Science Dean Search (2015/16)  
Community Engaged Research Consultative Group, member, (2015/16)  
Selection Committee Ontario Research Chair in Education and At-Risk Youth (2014/15)  
VP Research Ad-hoc Committee on Big Data, Chair and Social Sciences Representative (2014)  
Review Committee for McMaster's School of Geography (2014)  
MUFA Nomination Committee (2011, 2012)  
Selection Committee AVP and CFO, McMaster, (2010-2011)  
Provost Implementation of Refining Directions Committee Member, (2008-2011)  
Faculty of Social Science Inquiry Review Committee, (2010-2011)  
Nominations Committee, McMaster University Faculty Association, (2010-2011, 2011-2012)  
Alternative Budget Model Committee (2009-10)  
University Budget Committee, 2006-2010; Chair of the Budget Committee (2009-2010)  
University Planning Committee, 2006-2010  
Review Committee for Business School's Finance Department, 2009-2010  
Committee to select a Vice President of Research and International Affairs, 2005/06 and 2006/07