

**PAUL MISSIONS**

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**Education**

2000      Ph.D. (Economics), York University, Canada.  
1994      M.A. (Economics), York University, Canada.  
1993      B.Comm. (Commerce), University of Toronto, Canada.

**Academic Positions**

2018-      Full Professor, Department of Economics, Ryerson University.  
2005-2018      Associate Professor, Department of Economics, Ryerson University.  
2005-2010      Chair, Department of Economics, Ryerson University.  
2000-2005      Assistant Professor, Department of Economics, Ryerson University.  
1996-2000      Lecturer, Department of Economics, York University.

**Publications in Refereed Journals**

“Do South-South Preferential Trade Agreements Undermine the Prospects for Multilateral Free Trade?” (with H. M Yildiz), *Canadian Journal of Economics*, 50(1), 2017, 111-161.

“External Trade Diversion, Exclusion Incentives and the Nature of Preferential Trade Agreements” (with K. Saggi and H. M. Yildiz), *Journal of International Economics* 99, 2016, 105-119.

“Foreign Direct Investment and the Choice of Environmental Policy” (with I. Ferrara and H. M. Yildiz), *Southern Economic Journal*, 82(1), 2015, 257-284.

“Inter-regional Competition, Comparative Advantage and Environmental Federalism” (with I. Ferrara and H. M. Yildiz), *Canadian Journal of Economics*, 47(3), 2014, 905-952.

"A Cross-Country Study of Waste Prevention and Recycling: Assessing the Effectiveness of Policy Instruments," (with I. Ferrara) *Land Economics* 88(4), 2012, 710-744.

"Pricing of Drugs with Heterogeneous Health Insurance Coverage" (with I. Ferrara), *Journal of Health Economics* 31(2), 2012, 440-456.

"Trading Rules and the Environment: Does Equal Treatment Lead to a Cleaner World?" (with I. Ferrara and H. M. Yildiz), *Journal of Environmental Economics and Management*, 58(2), 2009, 206-225.

"Local Willingness-to-Pay Estimates for the Remediation of the Sydney, Nova Scotia Tar Ponds," (with I. Ferrara and S. McComb). *Canadian Public Policy* 33(4), 2007, 441-458.

"Does Size Really Matter? Landfill Scale Impacts on Property Values," (with J. S. Lim) *Applied Economics Letters* 14(10), 2007, 719-723.

"The Role of MFN under Asymmetries in Environmental Standards," (with H. M. Yildiz) *Economics Letters* 93(2), 2006, 297-304.

"Recycling and Waste Diversion Effectiveness: Evidence from Canada," (with I. Ferrara) *Environmental and Resource Economics* 30(2), 2005, 221-238.

"Wildlife Trade and Endangered Species Protection," *Australian Journal of Agricultural and Resource Economics* 48(4), 2004, 613-627.

"Wealth Effects in a Cash-in-advance Economy," (with E. Kam) *Economics Bulletin* 5(2), 2003, 1-7.

"Effective Speed Enforcement and Photo Radar: Evidence from Australia," (with I. Ferrara) *International Journal of Transport Economics* 28(3), 2001, 373-385.

"Non-use values and the Management of Transboundary Renewable Resources," (with I. Ferrara) *Ecological Economics* 25(3), 1998, 281-289.

"Transboundary Renewable Resource Management and Conservation Motives," (with C. Plourde) *Marine Resource Economics* 12(1), 1997, 29-36.

"Transboundary Renewable Resource Management: A Dynamic Game with Differing Non-Cooperative Payoffs," (with I. Ferrara) *Marine Resource Economics* 11(4), 1996, 239-245.

"The Canada-EU Turbot War: A Brief Game Theoretic Analysis," (with C. Plourde) *Canadian Public Policy* 22, 1996, 140-150.

### **Papers Under Submission To Peer-Reviewed Journals**

"Product Quality, Consumption Externalities, and the Role of National Treatment" (with I. Ferrara and H. M. Yildiz), Revise-and-resubmit, *European Economic Review*.

"Trust and Ability to Pay in Charitable Giving" (with I. Ferrara), Revise-and-resubmit, *Journal of Public Economic Theory*.

"Does Waste Management Policy Crowd out Social and Moral Motives for Recycling?" (with I. Ferrara), submitted.

"Reduce, Reuse or Recycle? Household Decisions over Waste Prevention and Recycling" (with I. Ferrara), submitted.

### **Book Chapters**

"Household waste management: waste generation, recycling, and waste prevention," in *The Handbook on Waste Management* (Kinnaman and Takeuchi, eds.), Edward Elgar Publishing, July 2014.

### **Other Contributions**

"Report on the Environmental Benefits and Costs of Green Roof Technology for the City of Toronto," (with D. Banting, H. Doshi and J. Li), Prepared for the *City of Toronto and Ontario Centres of Excellence – Earth and Environmental Technologies (OCE-ETech)*, October 2005.

### **Work In Progress**

"Lobbying for Environmental Policy and Foreign Direct Investment: Rent Creation or Rent Destruction?" (with I. Ferrara and H. M. Yildiz).

"Building blocks or stumbling blocks? The relationship between trade agreements and environmental cooperation" (with I. Ferrara and H. M. Yildiz).

"Trade and the Environment with Heterogeneous Firms" (with C. Bajona).

"Environmental Quality and Labor Mobility in a Federation" (with I. Ferrara).

“Product Quality, Endogenous Market Shares and Restricted Variety” (with I. Ferrara).

“International Competition in Access and Benefit Sharing Agreements” (with I. Ferrara).

### **Conference Papers Presented**

“Product Quality, Consumption Externalities, and the Role of National Treatment”  
Canadian Resource and Environmental Economics Conference 2015, Université de  
Sherbrooke, Sherbrooke (QC), October 2015.

“Product Quality, Consumption Externalities, and the Role of National Treatment” 90th  
Annual Western Economic Association Conference, Hawaii, July 2015.

“Product Quality, Consumption Externalities, and the Role of National Treatment” CEA  
conference, Ryerson University, Toronto (ON), June 2015.

“Is National Treatment Good for the Environment?” 5<sup>th</sup> World Congress of  
Environmental and Resource Economists 2014, Istanbul, Turkey, June 2014.

“Do South-South Preferential Trade Agreements Undermine the Prospects for  
Multilateral Free Trade?” (with H. M. Yildiz), CEA meetings, University of Calgary,  
Alberta, June, 2012.

“Inter-regional Competition, Comparative Advantage, and Environmental Federalism,”  
18<sup>th</sup> Annual Conference of the European Association of Environmental and Resource  
Economists (EAERE), University of Rome: Tor Vergata, Rome, Italy, July 2011.

“Foreign Direct Investment and the Choice of Environmental Policy,” 4<sup>th</sup> World  
Congress of Environmental and Resource Economists 2010, Université du Québec à  
Montréal, June 2010.

“Building blocks or stumbling blocks? The relationship between trade agreements and  
environmental cooperation,” CEA meetings, University of British Columbia, Vancouver  
(BC), June, 2008.

“Foreign Direct Investment and the Choice of Environmental Policy,” Canadian  
Resource and Environmental Economics Conference 2007, University of Ottawa,  
Ottawa (ON), October 13, 2007.

“Foreign Direct Investment and the Choice of Environmental Policy,” Canadian  
Economics Association Meetings, Dalhousie University, Halifax (NS), June 1, 2007.

"The Role of MFN under Asymmetries in Environmental Standards," Seventh Annual BioEcon Workshop, Kings College Cambridge University, Cambridge (UK), September 20-21, 2005.

"Environmental Protection Standards and International Trade Policy," CREE 2005, HEC McGill University (QC), September 30-October 2, 2005.

"R&D, Biodiversity Prospecting and the Financing of Conservation," Sixth Annual BioEcon Workshop, Kings College Cambridge University, Cambridge (UK), September 1-2, 2004.

"Recycling and Waste Diversion Effectiveness: Evidence from Ontario," CREE 2004, University of Calgary (AB), October 1-3, 2004.

"R&D, Biodiversity Prospecting, and the Financing of Conservation," Canadian Economics Association Meetings, Ryerson University, Toronto (ON), June 5<sup>th</sup>, 2004.

"Life Cycle Problems of Consumer Products: An Economic Assessment of Alternative Policies," 2nd World Congress of Environmental and Resource Economists, Monterey (CA), June 26<sup>th</sup>, 2002.

"An Integrated Approach to Environmental Policy," Canadian Economics Association Meetings, University of Calgary, Calgary (AB), June 1<sup>st</sup>, 2002.

"Wildlife Trade and Endangered Species Protection," Canadian Economics Association Meetings, University of Toronto, Toronto (ON), May 29<sup>th</sup>, 1999.

"Royalties, Subsidies and Biodiversity Prospecting," 1st World Congress of Environmental and Resource Economists, Venice (ITALY), June 25<sup>th</sup>, 1998.

"Optimal Sampling Intensity in Biodiversity Prospecting and the Financing of Conservation," Canadian Economics Association Meetings, 1998 Learned Conference, University of Ottawa, Ottawa (ON), May 31<sup>st</sup>, 1998.

"Biodiversity Conservation Expenditure and Protected Habitat" Canadian Society of Ecological Economics (CANSEE) Conference, McMaster University, Hamilton (ON), October 6<sup>th</sup>, 1997.

### **Invited Presentations**

"Wildlife Trade and Endangered Species Protection," School of Public Administration, Carleton University, Ottawa (ON), February, 2000.

“Wildlife Trade and Endangered Species Protection,” Department of Economics, Ryerson University, Toronto (ON), February, 2000.

“Wildlife Trade and Endangered Species Protection,” Department of Agricultural Economics, University of Saskatchewan, Saskatoon (SK), May, 1999.

“Wildlife Trade and Endangered Species Protection,” Department of Economics, Lakehead University, Thunder Bay (ON), May, 1999.

“Wildlife Trade and Endangered Species Protection,” Department of Economics, Washington College, Chestertown (MD), April, 1999.

“Wildlife Trade and Endangered Species Protection,” Department of Economics, University of Manitoba, Winnipeg (MAN), March 19<sup>th</sup>, 1999.

“Wildlife Trade and Endangered Species Protection,” Department of Economics, Wilfrid Laurier University, Waterloo (ON), March, 1999.

“Optimal Sampling Intensity in Biodiversity Prospecting and the Financing of Conservation,” Department of Economics, Dalhousie University, Halifax (NS), March, 1998.

“Optimal Sampling Intensity in Biodiversity Prospecting and the Financing of Conservation,” Department of Economics, St. Francis Xavier University, Antigonish (NS), March, 1998.

“Optimal Sampling Intensity in Biodiversity Prospecting and the Financing of Conservation,” School of Resource and Environmental Management, Simon Fraser University, Vancouver (BC), April, 1998.

“Environmental Economics,” Living and Learning in Retirement Series, Glendon College, Toronto (ON), October, 1997.

### **Journal Refereeing**

Journal of Environmental Economics and Management, Environmental and Resource Economics, Environmental Management, Canadian Journal of Development Studies, Canadian Public Policy, Marine Resource Economics, and others.

### **Granting Agency Refereeing**

2009/10. Social Sciences and Humanities Research Council of Canada.

2003/04. Natural Resources Canada, Climate Change Action Fund.

2001/02. Natural Resources Canada, Climate Change Action Fund.

### **Professional Memberships**

Canadian Economics Association (CEA).

American Economics Association (AEA).

Royal Economic Society (RES)

Association of Environmental and Resource Economists (AERE).

European Association of Environmental and Resource Economists (EAERE).

Western Economic Association International (WEAI).

### **Research Funding**

#### External Grants

2009-2012. Ferrara, I. (Principal Investigator) and P. Missios (Co-Investigator), SSHRC Research Grant (\$72,672).

2004 – 2005. Missios, P. (Principal Investigator) and I. Ferrara (Co-Investigator), SSHRC INE Research Grant (\$25,000).

2002 – 2005. Missios, P. (Principal Investigator) and I. Ferrara (Co-Investigator), SSHRC Strategic Research Grant (\$33,300).

#### Internal Research Grants (excluding travel grants)

2011/12. Undergraduate Research Award, VPRI and Faculty of Arts (\$7,000)

2010/11. Undergraduate Research Office (URO) Program (\$5,000).

2010/11. Centre for Urban Energy (CUE) Award (\$5,000)

2009/10. Undergraduate Research Office (URO) Program (\$5,000).

2009/10. Fall/Winter RA Program (\$2,000).

2006/07. Fall/Winter RA Program (\$2,000).

2005/06. SSHRC 4A Incentive Fund (\$10,000).

2004/05. Fall/Winter RA Program (\$2,000).

2003/04. SSHRC 4A Incentive Fund (\$10,000).

2003/04. Summer RA Program (\$5,000).

2003/04. SSHRC Institutional Grant (\$4,500).

2003/04. Fall/Winter RA Program (\$2,000).

2002/03. SSHRC 4A Incentive Fund (\$10,000).

2002/03. Summer RA Program (\$5,000).

2001/02. Faculty of Arts Research Grant (\$3,325).

2000/01. Fall/Winter RA Program (\$2,000).

2001/01. Research Start-up Grant (\$4,000).

### **Research Assistants**

2016/17. Sabrina Li, MA.  
2015/16. Ryan Bacic, BA.  
2015/16. Jacob Loree, Ph.D.  
2014/15. Lauren Maguire, MA.  
2013/14. Henri Dardha, Ph.D.  
2011/12. Parvinder Sachdeva, BA.  
2010/11. Henri Tovoheritiana BA.  
2010/11. Brian Seong, BA.  
2010/11. Jocelyn Molyneux, MSc.  
2009/10. Esmond (Tin) Lun, BA.  
2009/10. Benjamin Rommelaere, BA.  
2006/07. Irina Roudenko, BA.  
2005/06. Rong Deng, BA.  
2005/06. Seyda Ece Aytac, MA - University of Texas (Dallas).  
2005/06. Kirk Seeley, BA.  
2004/05. Kirk Seeley, BA.  
2003/04. Sopheap Lim, BA.  
2003/04. Stephen McComb, MSc.  
2003/04. Tasha Williams, BA.  
2002/03. David McLeod, BA.  
2000/01. Nelson Santo, BA.