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## Corinne Langinier

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### *Education*

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<b>Ph.D. in Economics, Université des Sciences Sociales, Toulouse, France</b>	1997
Dissertation title: “An Economic Analysis of Patent in the Firm” (in French)	
Committee: Claude Crampes (supervisor), David Encaoua, Jean Fraysse, David Pérez-Castrillo, David Sevi	
<b>M.A., Mathematical Economics and Econometrics</b>	1993
Université des Sciences Sociales, Toulouse, France	
<b>B.A., Economics and Econometrics</b>	1992
Université de Perpignan and Université des Sciences Sociales, Toulouse	

### *Fields*

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Industrial Organization, Intellectual Property Rights

### *Academic Experience*

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<b>Professor</b> , Department of Economics, University of Alberta, Edmonton	2020-present
<b>Associate Professor</b> , Department of Economics, University of Alberta, Edmonton	2008-2020
<b>Adjunct Assistant Professor</b> , Department of Economics, Iowa State University, Ames	2001-2008
<b>Assistant Professor</b> , Department of Economics, Concordia University, Montreal	1999-2001
<b>Visiting Scholar</b> , Department of Economics, University of Southern California, Los Angeles	1998-1999
<b>Visiting Scholar</b> , University of California, Berkeley	1997-1998
<b>Teaching Assistant</b> , Université des Sciences Sociales, Toulouse	1993-1997
<b>Graduate Student Researcher</b> , Université des Sciences Sociales, Toulouse	1993-1996

### *Short-Term Visiting Positions and other Positions*

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<b>Director, Institute for Public Economics (IPE)</b>	2016-2023
Department of Economics, University of Alberta	
<b>Visiting Professor</b>	July 2019, 2022, June 2023
Department of Economics, Université de Pau et des Pays de l'Adour, Pau, France	
<b>Academic Director</b>	2015-2016
Van Horne Institute, Centre for Regulatory Affairs	
<b>Visiting Associate Professor</b>	2012- 2013
Department of Economics, INRA, UPMF, Grenoble, France	

<b>Visiting Associate Professor</b> Department of Economics, University of Toulouse, France	June 2011
<b>Visiting Assistant Professor</b> Department of Economics, University of Rennes, France	May 2006
<b>Visiting Assistant Professor</b> Department of Economics, INRA, Grenoble, France	June 2003
<b>Visiting Assistant Professor</b> Department of Economics, University of Perpignan, France	May 2000

#### *Editorial Board*

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International Review of Environmental and Resource Economics, Associate Editor	2/2023-present
Canadian Journal of Agricultural Economics, Editor	7/2019-present
Canadian Journal of Economics, member of Editorial Board	7/2010-6/2013

#### *Published Papers*

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“Determinants of Locational Patenting Behavior of Canadian Firms,” with Andrew Eckert and Long Zhao, *Economics of Innovation and New Technology*, 31:4, 268-291, 2022.

“Departure and Promotion of U.S. Patent Examiners: Do Patent Characteristics Matter?” with Stéphanie Lluis, *Contemporary Economic Policy*, Vol. 39, 2, 416-434, 2021.

“Monetary and Implicit Incentives of the Patent Examiners,” with Philippe Marcoul, *Journal of Economics and Business*, Vol 110, 2020.

“Green Technology and Patents in the Presence of Green Consumers,” with Amrita Ray Chaudhuri, *Journal of the Association of Environmental and Resource Economists*, Vol. 7, 1, 73-101, 2020.

“Subjective Performance of Patent Examiners, Implicit Contracts, and Self-funded Patent Offices” with Philippe Marcoul, *Managerial and Decision Economics*, Vol. 40, 3, 251-266, 2019.

“Plant Breeders’ Rights, Patents and Incentives to Innovate,” with Adrien Hervouet, *Journal of Agricultural and Resource Economics*, 43(1), 118-150, 2018.

“The Search of Prior Art, and The Revelation of Information by Patent Applicants,” with Philippe Marcoul, *Review of Industrial Organization*, 49(3), 399-427, 2016.

“Spatial Efficiency of Genetically Modified and Non-Genetically Crops,” with Stefan Ambec and Philippe Marcoul, *Strategic Behavior and the Environment*, 5:31-59, 2015.

“A Survey of the Economics of Patent Systems and Procedures,” with Andrew Eckert, *The Journal of Economic Surveys*, Vol 28, 5, 996-1015, 2014.

“Pool of Basic Patents and Follow-up Innovations,” *Economic Inquiry*, Vol. 49, Issue 4, pp. 1070-1082, 2011.

“Are Intellectual Property Rights Detrimental to Innovation?” with Claude Crampes, *International Journal of the Economics of Business*, Vol. 16, No. 3, pp 249-268, 2009.

“Contributory Infringement Rule and Patents,” with Philippe Marcoul, *Journal of Economic Behavior and Organization*, 70 pp 296–310, 2009.

“Agricultural Production Clubs: Viability and Welfare Implications,” with B. Babcock, *Journal of Agricultural & Food Industrial Organization* Vol. 6: Iss. 1, Article 10, 2008.

“Incentives to Reduce Crop Trait Durability,” with Stefan Ambec and Stéphane Lemarié, *American Journal of Agricultural Economics*, 90(2), pp. 379-391, 2008.

“Technology Licensing to a Rival,” with Caroline Boivin, *Economics Bulletin*, vol.12, 14, pp. 1-8, 2005.

“Using Patents to Mislead Rivals,” *Canadian Journal of Economics*, vol. 38, 2, pp. 520-545, 2005.

“Are Patents Strategic Barriers to Entry?” *Journal of Economics and Business*, vol. 56, 5, pp. 349-361, 2004.

“Litigation and Settlement in Patent Infringement Cases,” with Claude Crampes, *RAND Journal of Economics*, vol. 33, 4, pp 258-274, 2002.

“The Economics of Patents: An Overview,” with GianCarlo Moschini in “Intellectual Property Rights and Patenting in Animal Breeding and Genetics,” edited by Scott Newman and Max Rothschild, CABI Publishing, 2002.

“Information Disclosure in the Renewal of Patents,” with Claude Crampes, *Les Annales d’Economie et Statistique*, 49-50, pp. 265-288, 1998. Reprinted in *The Economics and Econometrics of Innovation*, ed. Encaoua, Hall, Laisney, Mairesse, Kluwer academic publishers, 2000.

#### *Working Papers*

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“The effect of Patent Continuation on the Patenting Process” (Submitted)

“Merger Review under Asymmetric Information,” with Amrita Ray Chaudhuri (Submitted)

“Indirect Reciprocity Preferences in Public Goods Games,” with Emilie Zentner, Maik Kecinski, and Vic Adamowicz (Submitted)

“Do stricter environmental policies increase green innovation in the presence of international trade and technology transfer?” with Inmaculada Martinez-Zarzoso and Amrita Ray Chaudhuri

“Green Patents in an Oligopolistic Market with Green Consumers,” with Amrita Ray Chaudhuri

“Bundle of Patents and Licensing of Biotechnology Traits,” with Stéphane Lemarié

“The Economics of Geographical Indications: Welfare Implications,” with Ramona Teuber and Sven Anders, 2011

“The Patent Protection,” (in French) survey of the literature on patents

## *Work in Progress*

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“Foreign Direct Investment, Innovation and Emission Tax,” with Asrafuzzaman, and Amrita Ray Chaudhuri

“Partnership in Competitive Markets,” with Philippe Marcoul

“Spatial Management of Pesticide Resistance,” with Sylvie Charlot and Philippe Marcoul

## *Reports and other Publications*

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Compte-rendu de lecture: ‘Les nouvelles fonctions du brevet – Approches économiques et managériales,’ Pascal Corbel et Christian Le Bas. *Revue d’Études en Agriculture et Environnement / Review of Agricultural and Environmental Studies*, 93, N° 4, 2012

“Patent Systems and Procedures and their Impact on ICT: A Synthesis of Knowledge and Comparison of Canadian and U.S. Practices,” with Andrew Eckert, 2011

“Analytical Tools for Specialty Protein Corn Production,” with Roger Ginder, Darren Jarboe, and Lawrence Johnson

## *Grants*

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E2S “Thematic Hubs – 2020”	2021-2025
“Sea, Text and Sun: EnSuTe - bio-inspired Energy Sustainable and Independent Territories” (EnSuTe) – Multidisciplinary project with the Université de Pau et des Pays de l’Adour, Pau, France (partner) – (with Carole Haritchabalet), Euros 250,000	
Industry Canada, can\$20,000	2018
Industry Canada, can\$20,000	2017
Endowment Fund for the Future Support for the Advancement of Scholarship Research Fund, Research Grant, can\$8,266.12	2016
Endowment Fund for the Future Support for the Advancement of Scholarship Research Fund, Travel Grant, can\$1,455	2014
Multidisciplinary project on spatial allocation of landscape (French project FONDU “Strategies territoriales d’utilisation DURable des antiFONGiques”) INRA (with Sylvie Charlot, Stephane Lemarie, Philippe Marcoul) - Can \$50,000	2013-2015
Killam travel fund application - can\$3,800 – Tokyo (conference cancelled)	2011
SSHRC, Fund Initiative for Knowledge Synthesis Grants on the Digital Economy, “Patent Systems and ICT: A Synthesis of Knowledge and Comparison of Canadian and U.S. Practices,” co-PI (PI: Andrew Eckert), Can\$14,485	2010
University of Alberta, SSHRC 4A Status Funding, can\$7,500	2010-2011

“Optimal Firm Choice and Welfare Effects of Geographical Indications and Trademark Systems,” SPAA research network, co-PI (PI: Sven Anders), can\$15,660	2010-2011
“Optimal Firm Choice and Welfare Effects of Geographical Indications and Trademark Systems,” SAS University of Alberta, co-PI (PI: Sven Anders), can\$4,600	2010-2011
Endowment Fund for the Future, Special Capital Equipment Fund - can\$6,079	2009
Killam fund application - can\$6,990	2009-2010
“Mobility and career concerns of USPTO examiners,” IPE Group at NBER US\$10,000	2007-2008
“Contribution of modeling in a multidisciplinary approach to manage coexistence between GM and non-GM maize,” (French: “Apports de la modelisation dans une approche pluridisciplinaire pour gerer la coexistence de filieres OGM et non-OGM dans le mais”) INRA - US\$11,659	2006-2009
“Analytical tools for production of non-food protein corn” (with Roger Ginder, Darren Jarboe and Lawrence Johnson), Illinois-Missouri Biotechnology alliance US\$62,000	2005-2007
“Analytical tools for specialty protein corn production” (with Roger Ginder, Darren Jarboe, and Lawrence Johnson), Iowa Corn Growers Association - US\$25,000	2004-2005
Faculty Research Development Funding Award (FRDP), Concordia University	2000-2001
Social Sciences and Humanities Research Committee (SSHRC special one-time)	2000

#### *Honors and Fellowships*

Lavoisier Post Doctoral Fellowship (French Foreign Ministry)	1997-1998
Research Fellowship (French Education Ministry)	1993-1996

#### *Seminars and Conferences (last ten years)*

##### *Invited Seminars*

Wilfried Laurier, Waterloo (Zoom)	November 2022
REES department, University of Alberta	September 2022
Washington State University (Zoom)	September 2022
University of Pau et des Pays de l'Adour, Pau	July 2022
University of Delaware (Zoom)	April 2022
University of Connecticut (Zoom)	April 2021
University of Pau et des Pays de l'Adour, Pau	July 2019
TECHNIS webinar, Greece	November 2018
REES department, University of Alberta	October 2018
Queen's University, Smith School of Business	May 2017
Institute for Public Economics workshop, University of Alberta	April 2016
University of Saskatchewan	October 2015

University of Winnipeg	March 2015
Industry Canada, Ottawa	November 2014
Ryerson University, Toronto	November 2013
Grenoble Ecole de Management, Grenoble	January 2013
University of Pau et des Pays de l'Adour, Pau	November 2012

#### *Conferences*

Canadian Economics Association Annual Conference, Winnipeg	June 2023
Canadian Economics Association Annual Conference, Ottawa	June 2022
Canadian Economics Association Annual Conference (online)	June 2021
Société Canadienne de Science Economique (cancelled)	May 2020
Canadian Agricultural Economics Society, Winnipeg (cancelled)	June 2020
Canadian Economics Association Annual Conference, Banff	June 2019
Workshop "Pressing and Challenging Changes: Aging, Climate and Societal," Business School, University of Alberta	May 2019
Conference IRPP Ottawa (invited)	May 2018
International Industrial Organization Conference, Indianapolis, Indiana	April 2018
USPTO OCE Special Issue Conference, Alexandria (invited discussant)	September 2017
Canadian Agricultural Economics Society, Montreal	June 2017
USPTO Examiner Incentives Analysis, Alexandria (invited)	March 2017
ISED Symposium on the Effectiveness of the Patent System, Ottawa (invited)	March 2017
Canadian Economics Association Annual Conference, Ottawa	June 2016
Empirical patent law and policy workshop, University of Illinois, Champaign, (invited)	October 2015
Canadian Economics Association Annual Conference, Toronto	June 2015
Canadian Economics Association Annual Conference, Vancouver	June 2014
International Industrial Organization Conference, Chicago	April 2014
30th Journées de Micro-Economie Appliquée, Nice, France	June 2013
Canadian Economics Association Annual Conference, Calgary	June 2012

#### *Workshops*

"L'économie des brevets d'invention," University of Perpignan, Department of Chemistry	May 2000
University of Montreal, Master Workshop	January 2001
"Game Theory Workshop," Canadian National, Montreal	June 2000

#### *Referees*

Agricultural Economics; American Economic Journal: Microeconomics; American Journal of Agricultural Economics; Les Annales d'Economie et Statistique; The B.E. Journals in Theoretical Economics; Canadian Journal of Agricultural Economics; Canadian Journal of Economics; Ecological Economics; Economics Bulletin; Economic Inquiry; Economic Journal; Environmental and Resource Economics; European Journal of Law and Economics; European Review of Agricultural Economics; Food Policy; Games and Economic Behavior; International Journal of Business and Economics; International Journal of Environmental Technology and Management; International Journal of Industrial Organization; International Review of Economics and Finance; International Review of Law and Economics;

Journal of Agricultural and Food Industrial Organization; Journal of Economic Behavior and Organization; Journal of Economics; Journal of Environmental Economics and Management; Journal of the European Economic Association; Journal of Economics & Management Strategy; Journal of Industrial Economics; Journal of Industry, Competition and Trade; Journal of Institutional and Theoretical Economics; Journal of Law, Economics, and Organization; Macroeconomic Dynamics; Managerial and Decision Economics; Palgrave Communications; RAND Journal of Economics; Revue d'économie industrielle; Review of Agricultural Economics; Review of Industrial Organization; Review of Law & Economics; Recherches Economiques de Louvain; Research Policy; La Revue Française d'Economie; Structural Change and Economic Dynamics; Southern Economic Journal; Theory and Decision; The Journal of World Intellectual Property

### *Reviewer*

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Agence Nationale de la Recherche (ANR), France

National Science Foundation (NSF), USA

Social Sciences and Humanities Research Council (SSHRC), Canada

Member of the Scientific Committee for 60ème Congrès de la SCSE (Société canadienne de science économique), 2019-2020 ; 2020-2021

Member of the Scientific Committee for Fonds de recherche du Québec – Société et culture (FRQSC), 2017-2018, 2018-2019, 2020-2021

Member of the Scientific Committee for the Gael Conference “Economics of Innovation,” December 2016

Member, Outstanding Master Thesis Award Committee, American Agricultural Economics Association (AAEA), 2011-2014

External member of the Selection Committee for INRA Junior Research Scientists in Economics, 2013

Member of the Scientific Committee for the Third Gael Conference, “Product differentiation and innovation on related markets,” June 2013

Reviewer for European Association for Research in Industrial Economics (EARIE) Conference, September 2008

Reviewer for American Agricultural Economics Meeting, June 2002; June 2009

Reviewer for the textbook Contemporary Industrial Organization: A Quantitative Approach by Lynne Pepall, Dan Richards, and George Norman, 2010

### *Teaching Experience*

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Professor, University of Alberta 2020-present

Undergraduate: Game Theory and Economic Applications, Strategic Behavior of the Firm

Graduate: Microeconomic Theory and Strategic Behavior of the Firm

Visiting Associate Professor, University Pierre Mendès France, Grenoble 2013

Graduate: L3

Visiting Associate Professor, University of Toulouse, France 2011

Graduate: Economics of Innovation, Patents and Patent Systems

Associate Professor, University of Alberta 2008-2020

Undergraduate: Intermediate Microeconomic Theory II, Advanced Microeconomic Theory, Strategic Behavior of the Firm

Graduate: Microeconomic Theory, Strategic Behavior of the Firm

Visiting Assistant Professor, University of Rennes, France 2006

Graduate: Economics of Patents and Economics of Information Technology Adjunct Assistant Professor, Iowa State University Undergraduate: Managerial Economics, Firm Markets and Industry Structure, Industrial Organization, Agribusiness Management, Intermediate Microeconomics Graduate: Industrial Organization	2001-2008
Assistant Professor, Concordia University, Montreal Undergraduate Game Theory, Intermediate Microeconomics Graduate Industrial Organization	1999-2001
Lecturer, University of Southern California, Los Angeles Undergraduate Games and Economics, Undergraduate Industrial Organization, Intermediate Microeconomics	1998-1999
Teaching Assistant, University of Toulouse, France Intermediate Microeconomics, Principles of Macroeconomics, Political Economy, Principles of Microeconomics	1993-1997

*Committee Member for the Following Ph.D. Candidates*

Boris Ortega Moreno, University of Alberta - Internal Examiner, Ph.D. thesis "Essays on Renewable Energy, Electricity Markets and Local"	2023
Benaissa Larbi, GAEL, Grenoble, France - External examiner (Comité de Suivi Individuel) "Politiques publiques pour favoriser la diversification de l'offre de semences en agriculture"	2023
Tong Liu, University of Alberta - External examiner on Candidacy Examination "Dependent Budgets in Affiliated Value All-Pay Auction"	2022
Bonnie Luo, University of Alberta - External examiner on Candidacy Examination "Essays on the electricity market of North America"	2022
Frédéric Staut, University of Pau et des Pays de l'Adour, Pau, France – Ph.D. co-supervisor (with Carole Haritchabalet)	2021-present
Asrafuzzaman, University of Alberta - Ph.D. supervisor	2019-present
Long Zhao, University of Alberta - Ph.D. co-supervisor (with Andrew Eckert) "Patenting Behavior of Canadian Firms"	2016-2020
Boris Ortega Moreno, University of Alberta - Chair on Candidacy Examination "Essays on Renewable Energy, Electricity Markets and Local"	2019
Yiang Guo, University of Alberta – Arm-length examiner on Candidacy Examination "Three Essays on Electricity Markets"	2019
Ruotao Tang, University of Alberta, 2016 – External examiner "Three Essays on Economics of Innovation"	2016
Yuan Bian, University of Alberta – Chair on Candidacy Examination "Three Essays in Environmental Policy, Electricity and Transportation"	2015
Mohammad Torshizi, University of Saskatchewan – External examiner "Sequential Innovation and Hybrid Seed Pricing: The Lessons from Canola Industry in Canada"	2015
Hyeck Ki Min, University of Alberta – Chair on Candidacy Examination	2015
Ruchith Dissanayake, University of Alberta – External Examiner for Candidacy Examination	2015

"Essays on Macro-Finance Relationships"	
Adrien Hervouet, University of Nantes, France – External examiner	2015
"Les implications de la réglementation sur le marché des semences et l'innovation : Les droits de Propriété Intellectuelle et les règles de commercialisation"	
Ruotao Tang, University of Alberta – Chair on Candidacy Examination	2014
"Three Essays on Economics of Innovation"	
Hejun Zhuang, University of Alberta – External examiner	2014
"Essays on Competitive Online Auctions"	
Somchan Vuthipadadon, Iowa State University – External examiner	2008
"Scheduling inbound calls in call centers"	
Sasidhar Malladi, Iowa State University – External examiner	2007
"A manufacturer-service provider model with remanufacturability and variable product life considerations"	
Harun Bulut, Iowa State University – External examiner	2005
"Three essays on the economics of innovation"	

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*Committee Member or Chair for the Following Master, Honor Candidates and Undergraduate Students*

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Frédéric Staut, University of Pau et des Pays de l'Adour - External reviewer Master	2021
"Communautés énergétiques et choix d'investissement d'un ménage"	
Emilie Zentner, University of Alberta - Master advisor	2020
"Direct and Indirect Reciprocity in Public Goods Games"	
Chun Sing Lee, University of Alberta - Master advisor	2015
"Comparison of the Pendency Time Behavior in the U.S. and Canada"	
Evan James Miller-Tait, University of Alberta – External reviewer Master	2013
"Reconsidering Post Green Revolution Food Choices: New Processing Technologies and Food Security in India"	
Yacheng Tan, University of Alberta - Second Reader	2010
"An Empirical Study of the Simultaneous Purchase of Insurance and Gambling"	
Lukas Matejovsky, University of Alberta – External reviewer Master	2010
"The Role of Entrepreneurship in Canadian Economic Growth"	
Zijie Shen, University of Alberta - Second Reader	2009
"Why are people buying lotteries: an analysis of determinants of lottery players in Alberta"	
Nicholas Emter, University of Alberta - Master advisor,	2009
"An Economic Analysis of Intellectual Property: Patents and Alternative Innovation Incentives Mechanisms"	
Mei-Peng Cheong, Iowa State University - Master	2006
"Valuation of contracts for ethanol and unleaded gasoline buyers"	

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*University Service*

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Member of General Faculties Council (GFC) Student Conduct Policy Committee	2023-present
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Member of General Faculties Council (GFC), University of Alberta	2023-present
Microeconomics Courses Sequence Coordinator, Department of Economics	2023-present
Web presence coordinator, Department of Economics	2022-present
Director of the University of Alberta Economists group (UAE)	2015-present
Director, Institute for Public Economics (IPE), Department of Economics	2016-2023
Ad hoc committee to review Economics tenure/promotion standards document Department of Economics	2021-2022
Member of the Arts Executive Committee, Faculty of Arts	2018-2020
Nominations Chair - Arts Executive Committee	2019
Member of the Kule Institute for Advanced Studies (KIAS) Administrative board	2017-2020
Arts Representative on Agriculture, Life and Environmental Studies Council	2016-2019
Member of the hiring committee, Department of Economics	2016-2017
Microeconomic Seminar Organizer, Department of Economics	2008-2017
Web Presence committee, Department of Economics	2015-2016
Brown Bag seminar series Organizer, Department of Economics	2014-2016
Tenure representative for tenure cases at FEC, Department of Economics	2013-2015, 2018, 2022
Research Committee, Department of Economics	2013-2015
Graduate Program Committee, Department of Economics	2010-2012
Ad hoc committee to review the Undergraduate Program Math Requirements of the Department of Economics	2010-2011
Ad hoc committee to review Economics tenure/promotion standards document Department of Economics	2010-2011
Undergraduate Programs Committee, Iowa State University	2006-2007
Faculty Professional Development Review Committee, Iowa State University	2003-2004
Industrial Organization Workshop Organizer, Iowa State University	2003
Undergraduate Curriculum Committee, Iowa State University	2001-2007
Coordinator of Intermediates Microeconomics Courses, Concordia University	2000-2001
Hiring Committee, Concordia University	1999-2000
Graduate Program Committee, Concordia University	1999-2001
Graduate Student Representative on the Council of Research Institute GREMAQ (Toulouse)	1995-1997

### *Membership*

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Canadian Economic Association