

Pier-André Bouchard St-Amant
École nationale d'administration publique
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CURRENT POSITION

Assistant Professor (Professeur adjoint), École nationale d'administration publique, 2017-.

PAST POSITIONS

Senior Research Advisor, Employment and Social Development Canada (ESDC) 2016-2017.
(Classification: EC-06, Linguistic profile: EEC, Security level: Secret)

Teaching Fellow, Université du Québec en Outaouais (UQO). 2015-2017
(Economics, Operations' Research and Mathematics)

Research Advisor, Employment & Social Development Canada (ESDC), 2015-2016.

Visiting scholar, University of Cambridge, England, 2014-2015.

Post-doctoral Research Fellow, Institute for New Economic Thinking (INET), USA, 2013-2015.

EDUCATION

Ph.D in Economics, Queen's University, Kingston, Canada, 2013.

M.Sc. in Economics (Honours), Université du Québec à Montréal, Canada, 2008.

B.Sc. Mathematics, Computer Sciences and Economics, Université Laval, Canada, 2007.

CÉGEP degree in Natural Sciences (Physics, Mathematics, Chemistry, Biology), Collège François-Xavier-Garneau, Canada, 2000.

FIELDS OF SPECIALISATION

Public Economics, Applied Mathematics, Higher Education Policies.

WORKING PAPERS

"Optimal Allocation of Proactive Inspections: An 18% Reduction of Disabling Injuries." (In Progress)

"Decision-Making In Poverty, Savings and Redistribution" (Submitted, co-authored with Louis Perrault)

REFEREED ARTICLES & PUBLICATIONS

Bouchard St-Amant, P.-A. & Garon, J.-D., "Temptation, Self-control and Redistributive Public Pensions", *International Tax and Public Finances*, October 2015, v. 22, no. 1, pp 723-740.

Bouchard-St-Amant, Pier-André, 2013. "Un nouveau regard pour le Québec : perspectives en éducation postsecondaire" In Magaly Brodeur & Simon Thibodeau (Eds), *Un nouveau regard pour le Québec*, 2013. Published by *Presses de l'Université du Québec*. ("A Fresh Look on Québec: Perspectives in Postsecondary Education".)

Godbout, St-Cerny, Bouchard St-Amant, Fortin & Arsenault, "Nouvelles perspectives démographiques, mêmes constats budgétaires", *Cahiers québécois de la démographie*, 2009, v. 38, no. 1, pp 193-209.

Godbout, St-Cerny, Bouchard St-Amant & Fortin, 2012. "Quebec's Public Finances: between Demographic Changes and Fiscal Sustainability" In Gustavo De Santis (Ed), *The Family, the Market or the State?*. Published by Springer.

Bouchard St-Amant, Pier-André, 2009. "Les mensonges, les sacrés mensonges et les statistiques". *Les cahiers du 27 juin* ("Lies, Damn Lies and Statistics").

Bouchard St-Amant, Pier-André, 2005. "103 millions plus tard..." ("103 millions later..."), Text three of *Jeunes et engagés*, 2005, Fides and Institut du Nouveau Monde editions.

OTHER PUBLICATIONS

Bouchard-St-Amant, Pier-André, 2013. "Rapport du Chantier sur l'Aide financière aux études", Ministère de l'Enseignement supérieur, de la Recherche, de la Science et de la Technologie, ISBN 978-2-550-67711-6.

REFEREEING

The B.E. Journal of Theoretical Economics, Research in Economics, The Canadian Journal for Higher Education, Computational Economics, Canadian Economics Association.

GOVERNMENT RESEARCH

"Targeting Employers Within Economic Sectors: A Prototype for Saskatchewan and Manitoba." (2017)

"Optimal Allocation of Proactive Inspections: A Pilot-Project." (2017)

"Increasing the Response Rate of the EAHOR collection cycle" (In progress)

"A Data-Envelopment Analysis of Efficiency of Inspectors and Regional Allocations" (In progress)

"On the Impact of Firms' Elasticity of Compliance and the Trade-Off Between Revenue Collection and the Reduction of Injuries: A Cost-Benefit Analysis." (2015)

"Forecasting Reactive Assignments: A Fourier-Series and Time-Series Analysis" (2014)

PRIVATE SECTOR RESEARCH

"A Cost-Benefit Analysis of the Electrical Power Distribution in New Brunswick." (2017)

"An Economic Analysis of Stoker-Boiler Biomass Powerplants." (2017)

"A Cost-Benefit and Feasibility Analysis of Increasing Ontario's Energy Importations from Hydro-Québec." (2016)

"A General-Equilibrium Analysis of an Higher-Education Subsidy Paid Through Wage Taxes." (2015)

"Measuring the Economic Impact of the Multimedia Business Tax Credit." (2015)

"Assessing the Effectiveness of the Tax Credit For Treatment Infertility." (2014)

"Building A Simulator For the Québec Student Loans Programs: A Technical Manual." (2014)

"Building an Inter-Generational (In)Equity Index." (2009)

TEACHING EXPERIENCE

Teaching Fellow, Département d'administration, Université du Québec en Outaouais, Gatineau, Canada, 2016-: Principles of Macroeconomy (1st year), Statistics (Masters), Economics and Public Policy (MBA), Business Intelligence (2nd year), Microeconomics (Master's), Econometrics (2nd year, Master's) .

Teaching Fellow, Department of Economics, Queen's University, Kingston, Canada, 2010-2012: Applied Econometrics (4th year), Macroeconomic Theory (2nd year).

Teaching Assistant, Department of Economics, Queen's University, Kingston, Canada, 2009-2012: Econometrics (PhD), Macroeconomics (Masters), Finance Theory (Masters), Microeconomic Theory (2nd year).

Teaching Assistant, Department of Economics, Université du Québec à Montréal, Canada, 2007-2008: Introduction to Econometrics (2nd year), Modern Elements of Economy in Québec and Canada (3rd year).

MEDIA INTERVENTIONS & OPEN EDs (SELECTION)

Bouchard St-Amant, Pier-André. "Devrait-on taxer Netflix?" ("Should Netflix Be Taxed?"), *Le Devoir*, Septembre 2017. Bouchard St-Amant, Pier-André. "La majorité, les droits et les juges" ("The Majority, Civil Rights and Judges"), *La Presse*, January 2014.

Bouchard St-Amant, Pier-André. "Analyses économiques des engagements électoraux de l'élection provinciale de 2012." ("An Economic Analysis of Electoral Commitments of the 2012 Provincial Election"), *RDI Économie*, August 2012, available online at <https://www.youtube.com/watch?v=mmTkfT1ceCk>.

Bouchard St-Amant, Pier-André. "Les Manifestations: est-ce efficace?" ("Are Civic Protests Efficient?"), *RDI Économie*, March 2012, available online at <https://www.youtube.com/watch?v=5-V5pWX5vdI>.

Bouchard St-Amant, Pier-André. "Quand Stephen Harper aimait le recensement" ("When Stephen Harper Liked the Census"), *La Presse*, July 2010.

Bouchard St-Amant, Pier-André. "M. Clement, changez votre décision!", ("Mr Clement, come to your census!"), *La Presse*, July 2010.

Marceau, Nicolas and Bouchard St-Amant, Pier-André. "Les droits de scolarité doivent demeurer faibles" ("Tuition Has to Remain Low"), *Le Devoir*, March 2007.

Bouchard St-Amant, Pier-André. "Kyoto, un vaste complot socialiste ?" ("Kyoto: A Vast Socialist Conspiracy?"), *Le Devoir*, June 2006.

Bouchard St-Amant, "La ruée vers l'air!" ("Air rush"), *Réseaux*, October 2005, v. 4, no. 2.

Bouchard St-Amant, Sur la démographie et les finances publiques ("On Demographics And Public Finances"), *Le Devoir*, October 2004.

Bouchard St-Amant, "Un parti "bleue" qui fait rire jaune", ("A "Blue" party is not a laughing matter"), *La Presse* and *Le Soleil*, May 2004.

SCHOLARSHIPS & AWARDS

2017 ESDC Deputy Minister's Award: Innovation, Policy Reform (team award).

2017 Labour Program Awards: Innovator of the Year, Award of Excellence (team award).

2013 INET Postdoctoral Research Stipend, 172 000\$

2011 Social Sciences and Humanities Research Council Doctoral Award, 60 000\$.

2009 Queen's Graduate Award Scholarship, 18 000\$ (declined).

- 2009-2010 Research Grant from the Fiscal Policy and Public Finance Chair at the Université de Sherbrooke, 40 000\$.
- 2008 Doctoral Award from the Fonds de recherche sur la société et la culture (a grant from the province of Québec), 60 000\$.
- 2007 Project Research Grant from Measuring the Effectiveness of Student Aid (MESA), jointly with Matthieu Chemin, 10 000\$.
- 2007 FARE-Quebecor Inc. Scholarship (Given to the best economics student of the Masters program in Université du Québec à Montréal), 5 000\$.
- 2007 Grant from Centre interuniversitaire sur les politiques économiques et l'emploi (CIR-PEE), 2 000\$.
- 2001 First prize, Oral debates, Interuniversity Sciences Games of Canada.
- 2001 Prize in recognition of implication in student government of Science and Engineering Faculty of Université Laval.

CONFERENCES & HEARINGS (SELECTION)

- 2017 (a) Canadian Industrial Relations Association: "On Occupational Health & Safety".
 (b) Colloque sur l'enseignement supérieur, États généraux sur l'enseignement supérieur: "Sur l'accessibilité financière et le régime de prêts et bourses".
- 2016 (a) Département d'économie de l'UQÀM, Union Étudiante du Québec, AÉESG-UQÀM: "Inner workings of the Québec grants and loans program".
 (b) Canadian Economics Association, ESDC-Portfolio Research Coordinating Committee on Service Delivery, ESDC 2016 Research Seminar On Services: "Optimizing Proactive Inspections in Canada".
- 2015 (a) Technology Entertainment and Design (TED) Montréal: Fiscal Reforms and Inequalities.
 (b) ESDC-Labour Seminar Series: A Cost-Benefit Analysis of an Administrative Monetary Penalty System, Forecasting Reactive Assignments under Part II and III of the Labour Code, Optimal Allocation of Proactive Inspections: An 18% Reduction of Disabling Injuries.
 (c) Collège André-Grasset: Réformes Fiscales et Inégalités ("Fiscal Reforms and Inequalities").
- 2014 (a) University of Cambridge: Interbanking Networks, Efficiency and Taxation.
 (b) Columbia University, Cambridge University: Interbanking Networks, Efficiency and Taxation.
 (c) Marketing and Business Development International Conference, ATINER: Getting the Right Spin: A Theory of Value of Social Networks.
- 2013 (a) Louisiana State University: University Funding Policies: Buildings or Citizens?
 (b) Canadian Economics Association: University Funding Policies: Buildings or Citizens?
- 2012 (a) CIRANO Workshop on Trade and Networks, Queen's Economics Department, Journées Louis-André Gérard-Varet, Canadian Economics Association, Association canadienne française pour l'avancement du savoir: Getting the Right Spin: A Theory of Value of Social Networks.
 (b) Fédération Étudiante Universitaire du Québec (FEUQ), Fédération des Associations Étudiantes du Campus de l'Université de Montréal (FAÉCUM): Stratégies de groupes de pression ("Pressure Groups' Strategies and Tactics").

- (c) CÉGEP de Granby: Sur l'aide financière et l'accès aux études ("On Student Aid and Access to Higher Education").
- 2011 (a) Queen's Economics Department Seminar: An Overview of Social Herding, Network Effects and Viral Marketing.
- (b) Fédération Étudiante Universitaire du Québec (FEUQ), Fédération des Associations Étudiantes du Campus de l'Université de Montréal (FAÉCUM): Organisation d'une campagne de grève ("Planification and Operations of a Strike Campaign").
- 2008 Canadian Economics Association: The Impact of More Generous Grants on Graduation Rates.
- 2006 UQÀM Department of Economics seminar.
- 2004 Québec National Assembly (Social Affairs Commission), Conference Board of Canada, House of Commons (Standing Committee on Human Resources & Skills Development), Québec National Assembly (Culture Commission), Québec National Assembly (Education Commission).
- 2002 Canadian Undergraduate Mathematics Conference.

SUPERVISED STUDENTS

2017- Mory Fodé Fofana (PhD)

BOARDS & COMMITTEES (SELECTION)

- 2017 Québec federation of university professors, Member of the university funding committee.
- 2013 Quebec Government, Chair of the committee for the reform on the grants and loans program.
- 2006 Ministry of Agriculture of Canada, Member of the committee on agricultural policies to reach 5% of green fuels before 2010.
- 2005 Quebec Government, Member of the committee on education, Forum des générations.
- 2004 Quebec Government, Member of the Forum des générations, « Shine Amongst the Bests ».
- 2003 Quebec Government, Member of the committee on ancillary fees in universities.
- 2002 Université Laval, Member of the Academic Board of Direction.
- 2002 Université Laval, Member of the Appeal Committee.
- 2002 Université Laval, Member of the Electoral College of the Rector.

OTHER EXPERIENCE (SELECTION)

- 2016 ESDC Conference committee organizer.
- 2016 ESDC 10k Relay-Race Team Leader.
- 2015 Labour "All Sparks" Gala Master of Ceremony.
- 2007 Result of 800 (out of 800) in the quantitative section of the Graduate Record Examinations (GRE).
- 2004 President, Québec Federation of University Students (FEUQ).
- 2003 Vice-President, Québec Federation of University Students (FEUQ).
- 2002 President, Université Laval Undergraduate Student Union (CADEUL).

2001 President, Université Laval Science and Engineering Student Union (AESGUL).

2000 Vice-President, External Affairs, Université Laval Mathematics and Statistics Student Union (AESMUL).

PROGRAMMING LANGUAGES & SOFTWARE

Python, PHP, SQL, SAS, \LaTeX , HTML, C++, Java, Matlab/Octave, Stata.