

Pier-André Bouchard St-Amant

PhD in economics

Professor of public finances

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Languages spoken: French (mother tongue) and English.

Current Position

Associate Professor of Public Finances, [Quebec School of Public Administration](#), 2018-.

Current Affiliations

Member, [Laboratory on Interdisciplinary Research in Higher Education](#), 2019-.

Member, [Lac-Champlain Study Group, International Joint Commission](#), 2019-.

Member, [Scientific Committee and Co-organizer, Canadian Society of Economics Conference](#), 2019-.

Board Member, [Université du Québec Pension Fund](#), 2017-.

Member, [Scientific Committee, Observatoire québécois sur les inégalités](#), 2019-.

Research fellow, [Centre interuniversitaire de recherche en analyse des organisations](#), 2019-.

Member, [Advisory board on Funding and Management of Universities, Quebec Federation of University Professors](#), 2019-.

Research fellow, [Observatoire international sur les impacts sociétaux de l'Intelligence Artificielle et du numérique](#), 2018-.

Principal researcher, [Research group in public economics](#), 2018-.

Education

Ph.D in Economics, Queen's University, 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 specialization

Higher Education Policies, Public Economics, Applied Mathematics.

Research

Working Papers

Bouchard St-Amant, P-A, Garon, J-D and Marceau, N. *Uncovering Gatsby Curves*. ([url](#))

Bouchard St-Amant, P-A, Dumais, G and Tchokouagueu, F. *Public-private Insurance Provision In the Context of Floodings*.

Bouchard St-Amant, P-A and Ducatel, J. *Bringing Mirlees to Canada*.

Bouchard St-Amant, P-A, Tadjioque-Augoumfo, Y-W and Tchokouagueu, F. *Forecasting University Funding and Enrollment: A Non-linear VAR Approach*.

Bouchard St-Amant, P-A and Fortier-Martineau, C. *A Comparison of Student Aid Programs in Canada*.

Alalli, M, Bouchard St-Amant, P-A, Raymond-Brousseau, L, Tadjioque-Augoumfo, Y-W and Vallée, L. *Demistifying University Funding Formulas*, Québec University Press.

Bouchard St-Amant, P-A. *Efficient University Funding Formulas*. ([url](#))

Publications

Bouchard St-Amant, P-A and Morin, H. *Student Aid Reforms in Québec: Is Changing the Clawback Rate Better than the Base Grant?*, Canadian Public Policy. ([url](#))

Bouchard St-Amant, P-A, Maltais, M and Lang, D. *Higher Education Finance in Canada*, Book chapter in *Comparative Higher Education Politics: Policy Making in North America and Europe*, edited by Jungblut, J, Maltais, M, Ness, E & Rexe, D, Springer.

Bouchard St-Amant, P-A, Rexe, D and Maltais, M. *Intermediary Organizations and Organized Interests in Higher Education Policymaking in Canada*, Book chapter in *Comparative Higher Education Politics: Policy Making in North America and Europe*, edited by Jungblut, J, Maltais, M, Ness, E & Rexe, D, Springer.

Bouchard St-Amant, P-A, Tadjioque-Augoumfo, Y-W, Raymond-Brousseau, L., Fortier-Martineau, C, Tchokouagueu, F, Dumais, G and Vallée, L (2020). *Impacts of COVID on University's Finances: A Vector Autoregressive Analysis in Quebec, Canada.*, International Journal of Higher Education. ([url](#))

Bouchard St-Amant, P-A (2020). *A Literature Review on Student Aid*, Report for Employment and Social Development Canada (ESDC). ([url](#))

Bouchard St-Amant, P-A (2019). *Optimizing Health and Safety Inspections*, International Journal of Occupational Safety and Health. ([url](#))

Bouchard St-Amant, P-A (2019). *Des effets des politiques de financement des universités*, Book chapter in "L'État québécois: où en sommes-nous?", Paquin, S and Bernier, R (eds), Quebec University Press. ([url](#))

Bouchard St-Amant, P-A and Charbonneau, E (2019). *P-Values are not Sufficient but They are Necessary: Probing the Role and Application of Statistical Significance Testing*, Public Administration Quarterly. ([url](#))

Bouchard St-Amant, P-A and Perrault, L (2019). *Poverty and Savings: Optimal Taxes with Endogenous Discount Factors*, Public Finance Review. ([url](#))

Bouchard St-Amant, P-A, Germain, É and Brabant, A-N (2019). *University Funding Formulas: Incentives and Reforms*, Canadian Journal of Higher Education. ([url](#))

Bouchard St-Amant, P-A and Garon, J-D (2015). *Optimal Redistributive Pensions and the Cost of Self-Control*, International Tax and Public Finance. ([url](#))

Bouchard St-Amant, P-A (2013). *Pour une politique optimale de financement des universités*, Book chapter in "Perspectives d'avenir pour le Québec: le regard de jeunes chercheurs", Brodeur, M and Thibeault, S (eds), 978-2-7605-3881-8. ([url](#))

Godbout, L, St-Cerny, S, Bouchard St-Amant, P-A, Fortin, P and Arsenau, M (2012). *Nouvelles perspectives démographiques, mêmes défis budgétaires*, Cahier québécois de la démographie. ([url](#))

Godbout, L, St-Cerny, S, Bouchard St-Amant, P-A, Fortin, P and Arsenau, M (2012). *Quebec's Public Finances Between Demographic Changes and Fiscal Sustainability*, Book chapter in "The Family, the Market or the State?", De Santis, G (ed), 978-94-007-4339-7. ([url](#))

Bouchard St-Amant, P-A (2006). *L'éolien, l'éducation post-secondaire et la transition démographique*, Text in "L'annuaire du Québec 2006", Venne, M (ed), Institut du Nouveau Monde, ISBN 2-7621-2646-0. ([url](#))

Bouchard St-Amant, P-A (2005). *Combat contre un dégel annoncé*, Text in "Jeunes et engagés", Institut du Nouveau Monde, ISBN 2-7621-2679-7. ([url](#))

Conferences and Hearings

Technical webinar on flood related indicators, (2020). ([International Joint Commission](#))

On the Québec University Funding Formula, (2020). ([Université de Montréal](#))

Who Should Pay for Higher Education?, (2020). CSSHE2020 Conference, University of Manitoba

Uncovering Gatsby Curves, (2020). University of Copenhagen, Denmark

On the Québec University Funding Formula, (2019). ([Université de Montréal](#))

Efficient funding formulas, (2019). Canadian Public Economics Conference, Waterloo University, Canada

On the Québec University Funding Formula, (2019). Université TÉLUQ

Efficient funding formulas, (2019). 31st Conference of the Italian Society of Public Economics, University of Torino, Italy

On the Impact of Funding Formulas, (2019). ([IPPA conference, University of Concordia](#))

On the Québec University Funding Formula, (2019). ([McGill University](#))

Efficient funding formulas, (2019). Canadian Economics Society Conference, ÉNAP

On the Impact of Funding Formulas, (2019). ([Université de Montréal](#))

On a single tax report, (2019). ([Journée de réflexion sur la déclaration de revenu unique de la Chaire sur la fiscalité et les finances publiques, Université de Sherbrooke, Canada](#))

On the Québec Student Aid Program, (2019). Université Laval

On the Optimization of Health and Safety Labour Inspections, (2017). ESDC Data Conference

On the Québec Student Aid Program, (2018). Union étudiante du Québec

On the taxation of intangible goods, (2018). Collège André Grasset

On electoral commitments, (2018). Collège André Grasset

Sur les besoins en gestion de centralisées de données, (2018). Colloque des responsables de la recherche des universités du Québec

On fiscal design, efficiency and equity, (2015). ([Technology Entertainment and Design \(TED\) Montréal](#))

Presentation to the culture commission, (2004). Québec National Assembly

Presentation to the Education commission, (2004). Québec National Assembly

Reports

Bouchard St-Amant, P-A (2020). *A Literature Review on Student Aid*, Report for Employment and Social Development Canada (ESDC). ([url](#))

Bouchard St-Amant, P-A and Brabant, A-N (2019). *Politique de financement des universités: incitatifs et réformes*, Report for the Québec Federation of University Professors. ([url](#))

Bouchard St-Amant, P-A and Brabant, A-N (2019). *Professionnal Immigration in Québec*, Conseil interprofessionnel du Québec and Ministère de l'Immigration et de la Francisation. ([url](#))

Bouchard St-Amant, P-A and Therrien, M-C (2019). *Policy on 5G Deployment and Other Numerical Apparatuses*, Montréal City.

Bouchard St-Amant, P-A and Brabant, A-N (2018). *Évaluation des dépenses publiques liées à la formation d'appoint et aux stages pour les professionnels formés hors Québec ayant fait une demande de reconnaissance auprès d'un Ordre professionnel*, Report for the Conseil interprofessionnel du Québec. ([url](#))

Bouchard St-Amant, P-A and Campeau, A (2013). *Student Aid Simulator: Technical Manual*. ([url](#))

Bouchard St-Amant, P-A (2012). *Report on Student Aid Reforms*, Report for the Québec Government. ([url](#))

Miscellaneous

Bouchard St-Amant, P-A (2018). *Optimal Allocation of Proactive Inspections: A Pilot-Project*, Government of Canada.

Bouchard St-Amant, P-A (2017). *An Economic Analysis of Stoker-Boiler Biomass Powerplants*, private client.

Bouchard St-Amant, P-A (2016). *A Cost-Benefit and Feasibility Analysis of Increasing Ontario's Energy Importations from Hydro-Québec*, private client.

Bouchard St-Amant, P-A (2015). *On the Design of Fines for the Canada Labour-Code: A Cost-Benefit Analysis*, Government of Canada.

Bouchard St-Amant, P-A (2015). *A General-Equilibrium Analysis of an Higher-Education Subsidy Paid Through Wage Taxes*, private client.

Bouchard St-Amant, P-A (2015). *Measuring the Economic Impact of the Multimedia Business Tax Credit*, private client.

Bouchard St-Amant, P-A (2014). *Forecasting Reactive Assignments: A Fourier-Series and Time-Series Analysis*, Government of Canada.

Bouchard St-Amant, P-A (2013). *Assessing the Effectiveness of the Tax Credit For Treatment Infertility*, private client.

Bouchard St-Amant, P-A (2013). *Getting the Right Spin: A Theory of Value of Social Networks*, unpublished paper.

Bouchard St-Amant, P-A (2009). *Building an Inter-Generational (In)Equity Index*, private client.

Supervised students

Essono Rapha (PhD), 2021-.

Yanick-Wilfred Tadjioque Augoumfo (PhD), 2019-.

Franck-Aurelien Tchokouagueu (PhD), 2019-.

Mory Fodé-Fofana (PhD), 2017-.

Laurence Vallée (MsC), 2021-.

Camille Fortier-Martineau (MsC), 2020-
Judelin Michel Ducatel (MsC), 2020-
Jonathan Bouchard (MsC), 2019-
Vladimir Jean-Baptiste Fleurant (Internship), 2020-2021.
Oscar Delgado-Garcia (Internship), 2019.
Benoit Lapierre (Internship), 2018.

Refereeing

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

Previous Jobs or Affiliations

Past Jobs

Assistant Professor, Quebec School of Public Administration, 2017-2018.
Senior Research Advisor, Government of Canada, 2016-2017.
Teaching Fellow, Université du Québec en Outaouais, 2015-2016.
Research Advisor, Government of Canada, 2015-2016.
Post-doctoral Research Fellow, Institute for New Economic Thinking, 2013-2015.
Teaching Fellow, Queen's University Economic Department, 2009-2013.
Research Assistant, Queen's University Economic Department, 2009-2013.
Research Assistant, Chair of taxation and public finances, 2009-2010.
Teaching Assistant, Université du Québec à Montréal, 2007-2008.

Past Affiliations

Member, [Advisory panel of the City of Montréal on economic recovery](#), 2020.
Juge, Oral debates, Québec economics' games, 2019.
Organisateur, Detection and Compliance conference, 2018.
Visiting scholar, [University of Cambridge, England](#), 2014-2015.

Miscellaneous

Chair of the committee for the reform on the grants and loans program, Quebec Government, 2013.
Member, Membre du comité sur les politiques agricoles, 2006.
Member, Forum des générations, Gouvernement du Québec, 2005.
President, Québec Federation of University Students, 2004.
Vice-president, Québec Federation of University Students, 2003.
Member, Comité gouvernemental sur les frais afférents, 2003.

President, Université Laval Undergraduate Student Union, 2002.

Member, Academic Board, Université Laval, 2002.

Member, Appeal Committee, Université Laval, 2002.

President, Université Laval Science and Engineering Student Union, 2001.

Vice-president, external affairs, Université Laval Mathematics and Statistics Student Union, 2000.

Grants and Awards

\$80,000: Research grant, Efficiency analysis of Income tax reforms, Centre interuniversitaire en analyse des organisations (2021).

\$20,000: Research grant, University funding formulas, Quebec federation of University Students (2020).

\$285,000: Research grant, Cost-benefit analysis of flooding mitigation measures, International joint commission (2019).

\$63,000: Research grant, University funding formulas, Quebec federation of University Students (2019).

\$25,000: Research grant, Detection and compliance, Revenu Québec (2018).

\$25,000: Research grant, Detection and compliance, Canada Mortgage and Housing Corporation (2018).

Team prize for innovation, ESDC Deputy Minister's Award, Government of Canada (2017).

Prize, ESDC Innovator of the year, Government of Canada (2017).

\$10,000: Research grant, École nationale d'administration publique (2017).

\$172,000: Research stipend, Institute for New Economic Thinking (2015).

\$60,000: Research stipend, Doctoral Award, Social Sciences and Humanities Research Council (2011).

\$40,000: Research stipend, Doctoral Award, Sherbrooke University (2009).

\$18,000: Research stipend, Doctoral Award, Queen's University (2009).

\$60,000: Research stipend, Doctoral Award, Québec research fund, culture and society (2008).

\$10,000: Research grant, Measuring the effectiveness of student aid, Canada Millennium Scholarship Foundation (2008).

\$5,000: Highest average award, FARE-Quebecor grant, Université du Québec à Montréal (2007).

\$2,000: Research grant, CIRPEE Grant, Université du Québec à Montréal (2007).

First prize, Oral debates, Canada Interuniversity science games (2001).

Prize, Recognition of implication, Université Laval (2001).

IT skills

Softwares: Stata, SPSS, R, Matlab, Maple, OBS.

Programming languages: Python, PHP, SQL, SAS, LaTeX, C++, Java, Matlab/Octave, Stata. Working environment: MacOS and Debian derivatives.

Press (Selection)

- Desrochers, A (2021). *Sur le contingentement possible des cégeps anglophones* Radio-Canada, ([url](#)).
- Boissoneault, A et Laval, H (2021). *Vers un contingentement des places dans les cégeps anglophones du Québec?* Radio-Canada, ([url](#)).
- Gagnon, K (2020). *Une plus grande diplomation, moins d'itinérance* La Presse, ([url](#)).
- Fillion, G (2020). *Entrevue sur les actions en temps de Pandémie* Radio-Canada, ([url](#)).
- Desrosiers, É et Crête, M (2020). *Une première femme tient les cordons de la bourse fédérale* Le Devoir, ([url](#)).
- Riopel, A (2020). *Voir par-delà le sommet de la courbe* Le Devoir, ([url](#)).
- Riopel, A (2020). *Quels graphiques mesurent le mieux la pandémie?* Le Devoir, ([url](#)).
- Bellavance, J-D et Marquis, M (2020). *Ottawa injectera 27 milliards pour soutenir les travailleurs et les entreprises* La Presse, ([url](#)).
- Gagnon, K (2020). *La sous-scolarisation des jeunes de la DPJ coûte cher* La Presse, ([url](#)).
- Bernatchez, C (2019). *Entrée en bourse d'UBER* Radio-Canada, ([url](#)).
- Desjardins, F. (2019). *Une année fiscale 2019 marquée par les surplus de Québec*, ([url](#)).
- Fillion, G (2019). *Taxer les riches à 70%: est-ce efficace?* Radio-Canada, ([url](#)).
- Bouchard St-Amant, P-A (2019). *Bye bye Théo* Le Devoir, ([url](#)).
- Bouchard St-Amant, P-A (2019). *Analyse du budget fédéral* Qub Radio, ([url](#)).
- Bourgault-Côté, G. (2019). *Le budget centriste d'un parti pragmatique* Le Devoir, ([url](#)).
- Halin, F (2019). *Des congés d'impôt de 27 M\$ de Québec aux cerveaux étrangers* Journal de Montréal, ([url](#)).
- Riopel, A (2019). *Le parcours sinueux du professionnel immigrant* Le Devoir, ([url](#)).
- Bennasieh, K. (2019). *Taxe Netflix québécoise: 76 entreprises étrangères ont dit oui* La Presse, ([url](#)).
- Fillion, G (2019). *UBER et les conditions des chauffeurs* Radio-Canada, ([url](#)).
- Riopel, A (2019). *Airbnb mène une offensive contre les règles québécoises.* Le Devoir, ([url](#)).
- Bourque, O (2019). *Faut-il se déconnecter des réseaux sociaux?* Radio-Canada, ([url](#)).
- Szacka, A (2019). *Baisse des taux d'intérêt de la Fed: Entrevue avec P.-A. Bouchard St-Amant* Radio-Canada, ([url](#)).
- Bouchard St-Amant, P-A (2019). *L'État devrait-il soutenir les médias?* Le Devoir, ([url](#)).
- Lepage, G (2019). *De la concentration de la presse ou pas de presse du tout* Le Devoir, ([url](#)).
- Fillion, G (2019). *L'ADN des partis politiques fédéraux* Radio-Canada, ([url](#)).
- Fillion, G (2019). *Entrevue sur les propositions fiscales des démocrates* Radio-Canada, ([url](#)).
- Lepage, G (2019). *Aibnb et le CIO font désormais équipe* Le Devoir, ([url](#)).
- Joly, F (2019). *Commentaires sur la réforme à la formule de financement albertaine* Radio-Canada, ([url](#)).
- Bovet, S (2019). *Une amende de 5 milliards pour Facebook* Radio-Canada, ([url](#)).
- Prevost, H (2018). *Taxation de l'économie numérique : l'approche de Québec n'est pas sans risques* Radio-Canada, ([url](#)).
- Auger, M-C (2018). *Taxer l'économie numérique au Québec : Le regard de Pier-André Bouchard St-Amant* Radio-Canada, ([url](#)).
- Fillion, G (2018). *Budget : Netflix, emplois, mobilité* Radio-Canada, ([url](#)).

Radio-Canada Radio (2018). *Renouvellement de Postes Canada : qu'est-ce qui change?* Radio-Canada, ([url](#)).

Bourgault-Côté, G. (2018). *Géants du Web: un remède bien peu efficace* Le Devoir, ([url](#)).

Bouchard St-Amant, P-A (2017). *Devrait-on taxer Netflix?* Le Devoir, ([url](#)).

Fillion, G (2017). *L'Europe fait payer Amazon et Apple*, Radio-Canada. Radio-Canada, ([url](#)).

Bouchard St-Amant, P-A (2014). *Charte des valeurs: la majorité, les droits et les juges*. La Presse, ([url](#)).

Chouinard, M-A (2013). *Sommet sur l'enseignement supérieur - Les sujets négligés* Le Devoir, ([url](#)).

Bouchard St-Amant, P-A (2010). *Quand Stephen Harper aimait le recensement, lettre ouverte au journal La Presse*. La Presse, ([url](#)).

Bouchard St-Amant, P-A (2010). *M. Clement, changez votre décision!* La Presse..

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