

**CONTACT
INFORMATION**

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APPOINTMENT

2017- Assistant Professor of Economics, Université de Montréal
2023- Researcher, Centre Interuniversitaire de Recherche en Économie Quantitative
2017-2023 Associate Researcher, Centre Interuniversitaire de Recherche en Économie Quantitative
2019- Research Fellow, Centre Interuniversitaire de Recherche en Analyse des Organisations

**RESEARCH
INTERESTS**

Econometrics
Applied econometrics
Industrial organization

EDUCATION

University of Toronto, Canada
PhD in Economics (2011-2017)
Université Laval, Quebec City, Canada
MA in Economics, with distinction (2009-2011)
BA in Economics, with distinction (2006-2009)

**PUBLISHED OR
ACCEPTED PAPERS**

Imposing Equilibrium Restrictions in the Estimation of Dynamic Discrete Games (joint with Victor Aguirregabiria, *Quantitative Economics*, 2021, 12(4), 1223-1271)
Strategic Interactions in Mobile Network Investment with a New Entrant and Unobserved Heterogeneity (*International Journal of Industrial Organization*, 2022, 82, 102829)
A Simple Specification Test for Models with Many Conditional Moment Inequalities (joint with Thomas Russell and Yuanyuan Wan, *Journal of Econometrics*, 2024, 242, 105788)
Sharp Test for Equilibrium Uniqueness in Discrete Games with Private Information and Common Knowledge Unobserved Heterogeneity (*Econometric Theory*, 2024, 40(6), 1253-1310)
Estimating Complementarity With Large Choice Sets: An Application to Mergers (joint with Daniel Ershov, Jean-William Laliberté and Scott Orr, accepted *RAND Journal of Economics*)

WORK IN PROGRESS

Estimating Marginal Costs from Discrete Prices and Product Characteristics: An Application to Mobile Plans (joint with Colin Jaurès Ndonfack Zango)
A Prisoner's Dilemma: Inmates' Trade-off Between Incarceration and Supervision (joint with William Arbour and Steeve Marchand)
Overlapping Ownership and Competition in Central Bank Auctions (joint with Aristide Houndetoungan)

PRESENTATIONS

2024: Congrès SCSE (Montréal); CEA Annual Conference (Toronto); Empirical Methods in Game Theory (Stony Brook, discussant); Canadian Econometrics Study Group Poster Session (Toronto); Competition Bureau.
2023: Carleton; CIREQ-Workshop in Psychology and Economics; IAAE Annual Conference (Oslo); Congrès SCSE (Québec); Simon Fraser University; CIREQ-CDACI Workshop in Economics and Law; Canadian Econometrics Study Group Poster Session (Hamilton).

2022: CIREQ Econometrics Conference Poster Session (Montreal); Congrès SCSE (Montréal).
 2021: Canadian Econometrics Study Group (Vancouver); Canada IO (virtual); Stockholm School of Economics; IIOC (virtual); CEA Annual Conference (virtual); Econometric Society North American Summer Meeting (virtual).
 2020: McGill; CREST; IIOC (Philadelphia, cancelled due to COVID-19); Columbia (CITI).
 2019: Ohio State; CIREQ Econometrics Conference Poster Session (Montreal); Empirical Microeconomics Workshop (Banff); Canadian Econometrics Study Group Poster Session (Montreal).
 2018: CEA Annual Conference (Montreal); IAAE Annual Conference (Montreal); HEC-RIIB Conference on Industrial Organization (Montreal); Vanderbilt; Canadian Econometrics Study Group Poster Session (Ottawa).
 2017: Concordia; Université de Montréal; Ryerson; Queen's; Sciences Po Paris; Tilburg; Laval.
 2016: Congrès SCSE (Quebec City); CEA Annual Conference (Ottawa); Doctoral Workshop in Applied Econometrics (Toronto); Empirical Microeconomics Workshop Poster Session (Banff); Canadian Econometrics Study Group Poster Session (London); Fields Institute New Challenges For Big Data in Economics and Finance Poster Session (Toronto).
 2015: Penn State; CEA Annual Conference (Toronto); CIREQ PhD Students' Conference (Montreal); Doctoral Workshop in Applied Econometrics (Toronto); Canadian Econometrics Study Group Poster Session (Guelph); Midwest Econometrics Group Annual Meeting (St-Louis).
 2014: Empirical Microeconomics Workshop (Banff); CEA Annual Conference (Vancouver); CIREQ PhD Students' Conference (Montreal); Doctoral Workshop in Applied Econometrics (Toronto).

AWARDS AND GRANTS

Fonds de Recherche Société et Culture Relève Professorale, 2022-2025.
 Mitacs (partnership with Planhub), 2020.
 Social Sciences and Humanities Research Council Insight Development, 2019-2021.
 Social Sciences and Humanities Research Council Exploration, 2018.
 Hartle Award for outstanding graduate scholarship on a policy-relevant topic, 2017.
 Tom Easterbrook Graduate Scholarship in Communications and the Mass Media, 2015, 2016.
 Ontario Graduate Scholarship, 2014, 2015.
 Social Sciences and Humanities Research Council Doctoral Scholarship, 2011-2014.
 Social Sciences and Humanities Research Council Master's Scholarship, 2010.
 Fonds de Recherche Société et Culture Master's Scholarship, 2010.
 GREEN-Gaz Métro Master's Scholarship, 2009-2010.
 Université Laval Social Sciences Faculty Best Master's Thesis, 2011.

TEACHING

Université de Montréal
 Econometrics (BA), Econometrics (MA), Labour (MA), Methods for empirical microeconomics (PhD), Doctoral workshop (PhD), Research workshop (MA)
 University of Toronto
 Quantitative methods (BA)

GRADUATE SUPERVISION

PhD thesis:
 Tiffanie Perrault (co-supervisor); Colin Jaurès Ndonfack Zango; Amal Amatullah Manaar Sere; Sidi Mohamed Sawadogo (co-supervisor).
 Master's research report:
 Driss Berrada Rkhami; Ghita Bourziq; Thiago Brodbeck Herrlein; Frédéric Dufour; Raphaël Jananji; Jean-Philippe Ledoux; Sara Ramadan; Florette Aissoun; Hoaran Huang; Ray Mehanna; Alexandra Soude; Nicole Vodounnon.

OTHER

Refereeing: *Econometrica*, *Review of Economic Studies*, *Journal of Econometrics*, *RAND Journal of Economics*, *Journal of Business and Economic Statistics*

Board member: Société canadienne de science économique

Recruitment: 2018 and 2023 department search committee

Conference co-organization:

Workshop on the Applications of Industrial Organization 2018

CIREQ Montreal Applied Economics Conference (2019, 2021)

CIREQ Montreal Econometrics Conference 2025

Summer Conference on Industrial Organization (2022, 2023, 2024, 2025)

CIREQ-CDACI Workshop in Economics and Law 2023