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Education

Ph.D. Economics, University of Rochester, 2011.
B.S. Computer Science, Carnegie Mellon University, 2003.

Employment

University of Ottawa: Associate Professor, 2017—
Texas A&M University: Assistant Professor, 2014-2017
Boston College: Visiting Assistant Professor, 2013-2014.
Université de Montréal: Assistant Professor, 2011-2014.

Research Interests

Resource allocation, social choice, matching theory.

Articles

Published in peer-reviewed journals

1. "Learning Matters: Reappraising object allocation rules when agents strategically investigate," 2018, *International Economic Review* 59, 557-592. (With Patrick Harless)
2. "Implementation in stochastic dominance Nash equilibria," 2017, *Social Choice and Welfare* 48, 5-30 (special issue of in honor of William Thomson). (With Eun Jeong Heo)
3. "Fractional matching markets," 2016, *Games and Economic Behavior* 100, 321-336.
4. "Two School Systems, One District: What to do when a unified admissions process is impossible," 2016, *Games and Economic Behavior* 95, 25-40. (With Bertan Turhan)
5. "Efficient and strategy-proof social choice when preferences are single-dipped," 2014, *International Journal of Game Theory* 43, 579-597.
6. "The difference indifference makes in strategy-proof allocation of objects," 2012, *Journal of Economic Theory* 147, 1913-1946. (With Paula Jaramillo)
7. "Group strategy-proofness and social choice between two alternatives," 2012, *Mathematical Social Sciences* 63, 239-242.

8. "When too little is as good as nothing at all: Rationing a disposable good among satiable people with acceptance thresholds," 2012, *Games and Economic Behavior* 74, 576–587.
9. "Dynamics of the presidential veto: a computational analysis," 2008, *Mathematical and Computer Modelling* 48, 1570–1589. (With John Duggan and Tasos Kalandrakis)

Working papers

1. "The Impossibility of Individually Rational, Pareto-efficient, and Strategy-proof rules for Fractional Matching," 2018. (With Samson Alva)
2. "Strategy-proof Pareto-improvement under Voluntary Participation," 2017. (With Samson Alva)
3. "Strategy-Proof Exchange under Dichotomous Preferences," 2017. (With Alexander Westkamp)
4. "Stability and the core of probabilistic marriage problems," 2013.
5. "Yet another Walrasian solution to the random matching problem," 2012.

Teaching

Université de Montréal

1. Advanced microeconomic theory (graduate): Matching, Winter 2012.
2. Advanced microeconomic theory (graduate): Incomplete markets, Winter 2013.
3. Finances publiques (undergraduate, in French): Summer 2012, Winter 2013.

Boston College

1. Advanced microeconomic theory (graduate): Axiomatic resource allocation, Spring 2014.
2. Intermediate microeconomics (undergraduate): Spring 2014.

Texas A&M University

1. Intermediate microeconomics (undergraduate): Fall 2014 and 2016.
2. Advanced microeconomic theory (graduate): Market design, Spring 2015, 2016, and 2017.

University of Ottawa

1. Microeconomic Theory I (undergraduate): Winter 2018.
2. Microeconomic Theory IV (graduate): Winter 2018, Summer 2018.

Professional Service

Referee for: *Journal of Political Economy*, *Mathematics of Operations Research*, *Journal of Economic Theory*, *Theoretical Economics*, *Games and Economic Behavior*, *Economic Theory*, *Journal of Mathematical Economics*, *International Journal of Game Theory*, *Mathematical Social Sciences*, *Review of Economic Design*, *Social Choice and Welfare*, *Scandinavian Journal of Economics*, and the *Journal of Computer Systems and Sciences*.

Committee member for 2015 Social Science and Humanities Research Council (of Canada) Insight Development Grants (Business Management).

Conference and Seminar Presentations

2018: 14th International Meeting of the Society for Social Choice and Welfare (Seoul)

2017: Midwestern Economic Theory Conference (Dallas), Carleton University, Lausanne Micro Theory Workshop, North Carolina State University, University of Ottawa

2016: CIREQ Microeconomic Theory Conference (Montréal), Harvard/MIT, University of Windsor, Texas Theory Camp (Houston), Southern Methodist University, University of Bonn, University of Cologne, 13th International Meeting of the Society for Social Choice and Welfare (Lund), 50th Annual Conference of the Canadian Economic Association, Canadian Economic Theory Conference (Montréal), Midwestern Economic Theory Conference (Rochester), University of Rochester

2015: 3rd International Workshop on Matching Under Preferences (Glasgow)

2014: Texas Theory Camp (Dallas), 12th International Meeting of the Society for Social Choice and Welfare (Boston), Colloque CIREQ Montréal sur l'appariement (Montréal), University of California, Los Angeles

2013: University of Hawaii, Instituto Tecnológico Autónoma de México, Boston College, Asian Meetings of the Econometric Society (Singapore), and 8th Conference on Economic Design (Lund)

2012: McGill University, Texas A&M University, University of California, Davis, California Institute of Technology, University of Southern California, 11th International Meeting of the Society for Social Choice and Welfare (New Delhi), and 4th World Congress of the Game Theory Society (Istanbul)

2011: Université du Québec à Montréal, Universidad de Los Andes (Bogotá), 7th Conference on Economic Design (Montréal), University of Western Ontario, Aalto University School of Economics, HEC Lausanne, Yeshiva University, and Université de Montréal

2010: International Young Economists' Conference (Osaka), Indian Statistical Institute, 10th International Meeting of the Society for Social Choice and Welfare (Moscow), and the 21st International Conference on Game Theory (Stony Brook)

2009: 5th Spain, Italy, Netherlands Meeting on Game Theory (Amsterdam)

2008: 5th Conference on Economic Design (Ann Arbor)

Grants

Social Science and Humanities Research Council (of Canada) Insight Development Grant (CA\$38,500), 2013-2015.

Non-Academic Employment

Azim Premji Foundation, Bangalore, India: Information Technology Planner, 2005.

Microsoft Corporation, Redmond WA: Software Design Engineer, 2003-2004.