

ROBERT EMBREE

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EDUCATION

- Ph.D. in Economics**, University of Toronto, Toronto, ON. 2017-2022
- Major Concentration in Public Economics, Minor Concentration in Macroeconomics
- M.A. in Economics**, Carleton University, Ottawa, ON 2015-2017
- B.Sc.H. (Mathematics), studies toward M.Sc. Mathematics**, Queen's University, Kingston, ON 2011-2014

EXPERIENCE

- Investment Associate**, Bridgewater Associates, Westport, CT 2022-present
Geopolitical and Idiosyncratic Risk Team
Responsibilities include economics, commodities, and geopolitics research, systematization and some programming, writing for both an internal audience and for Bridgewater clients.
- Junior Research Economist**, Canadian Intellectual Property Office, Ottawa, ON 2016-2017
Primary researcher on project involving the impact of industrial design registrations on firm performance. Assisted on projects related to international patenting by Canadian women, and the inaugural flagship IP Canada Report.
- Research Assistant**, University of Toronto, Toronto, ON & Queen's University, Kingston, ON 2012-13, 2018-19
Theoretical research with Dr. Ronald Wolthoff on models of labor market searching. Computer simulations of abstract algebra, part of a published mathematics paper.

PUBLICATIONS

- Embree, R.J.D. (2023). 'Revealing Values: Applying the Inverse-Optimum Method to US State Taxes', *National Tax Journal*, 76(1), pp.37-61.
- Embree, R.J.D. and Westlake, D., (2023). 'New Voters and Old Voters: Understanding Volatility in Quebecers' Federal Election Votes between 2008 and 2019', *Canadian Journal of Political Science*, 56(1), pp.49-71.
- Cooper, S.M., Embree, R.J.D., Hà, H.T. and Hoefel, A.H. (2016) 'Symbolic Powers of Monomial Ideals', *Proceedings of the Edinburgh Mathematical Society*, pp. 1-17

WORKING PAPERS

- Embree, R.J.D., Collette, E., Santilli, D. (2023) 'Industrial Designs and Canadian Firm Performance', working paper, revise and resubmit at Economics of Innovation and New Technology.
- Embree, R.J.D. (2022). 'The Unswayed Voter: How a Polarized Electorate Responds to Economic Growth', working paper (Job Market Paper).
- Embree, R.J.D. (2018). 'Patent Applications and EPO Membership: How Big Is The Drop?', working paper.
- Embree, R.J.D. (2017). 'Manufacturing and Patent Applications: Empirical Evidence For Advanced and Middle-Income Economies', working paper.

SKILLS AND OTHER NOTES

- Awards at over two dozen university debating tournaments, including Finalist at the 2013 Canadian National British Parliamentary Debating Championship, Champion/Top Speaker at the 2013 Hobart and William Smith Classic, and 3x attendee at the World University Debating Championship
- Technical Skills: Stata, Matlab, LaTeX, Scala-based programming, Macaulay2, Word, Excel, PowerPoint
- Graduate Record Examination (GRE), (170/170/6.0), 2013
- Gilles Paquet Scholarship in Economics (Carleton University, 2017), awarded annually to "the most outstanding graduate student in the economics program"
- Citizenship: Canadian – currently working in US on TN visa
- Interests: screenwriting, cooking, election forecasting
- Papers and list of conference presentations available upon request