

# Ronald Wolthoff

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## Contact Information

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## Academic History

### Academic Employment

- 2017– Associate Professor, Department of Economics, University of Toronto.
- 2010–2017 Assistant Professor, Department of Economics, University of Toronto.
- 2008–2010 Instructor and Postdoctoral Fellow, Department of Economics, University of Chicago.

### Administrative Positions

- 2024– Interim Chair, Department of Economics, University of Toronto Mississauga.
- 2020–2024 Associate Chair, Department of Economics, University of Toronto Mississauga.  
sabbatical leave: January–June 2022, January–June 2024.
- 2019–2020 Teaching Assistant Coordinator, Department of Economics, University of Toronto.

### Short-Term Visiting Positions

- 2024 Visiting Scholar, Einaudi Institute for Economics and Finance.
- 2022 Visiting Associate Professor, National University of Singapore.
- 2019 Visiting Scholar, Federal Reserve Bank of Philadelphia.
- 2018 MacCaLM Visiting Fellow, University of Edinburgh.
- 2017 Fernand Braudel Fellow, European University Institute.
- 2016 Visiting Scholar, Federal Reserve Bank of Philadelphia.
- 2008 Visiting Graduate Student, University of Pennsylvania.

### Affiliations

- 2012– Research Fellow, IZA Institute of Labor Economics.
- 2013–2020 Cross-Appointed Faculty Member, Institute for Management & Innovation, University of Toronto.
- 2011–2014 International Scholar, Indiana University–Purdue University Indianapolis (IUPUI).
- 2008–2011 Research Affiliate, IZA Institute of Labor Economics.

### Education

- 2008 Ph.D. in Economics, Vrije Universiteit Amsterdam.  
Thesis: “Essays on Simultaneous Search Equilibrium.” Advisors: Pieter Gautier and Gerard van den Berg.
- 2004 M.Sc. in Econometrics (with distinction), University of Amsterdam.
- 2004 M.Sc. in Actuarial Science (with distinction), University of Amsterdam.
- 2003 B.Sc. in Econometrics and Operations Research (with distinction), University of Amsterdam.
- 2003 B.Sc. in Actuarial Science, University of Amsterdam.

## Honors, Awards and Scholarships

- 2023 Dean's Excellence Award, University of Toronto.  
previously received in 2021, 2017, 2015.
- 2011 FEEM (Young Economist) Award, European Economic Association.
- 2003 *Bonusbeurs* Scholarship, University of Amsterdam.

## Selected Research Grants

- 2018–2025 Insight Grant, Social Sciences and Humanities Research Council (CAD 74,557).
- 2017 Research and Scholarly Activity Fund, University of Toronto Mississauga (CAD 10,000).
- 2014–2016 Connaught Fund, University of Toronto (CAD 10,000).

## Research

### Refereed Publications

- forthcoming "Search, Screening and Sorting"  
with Xiaoming Cai and Pieter Gautier,  
*American Economic Journal: Macroeconomics*
- 2023 "Meetings and Mechanisms"  
with Xiaoming Cai and Pieter Gautier  
*International Economic Review*, vol. 64 (1), pp. 155–185.
- 2022 "Misallocation Inefficiency in Partially Directed Search"  
with Stanislav Rabinovich  
*Journal of Economic Theory*, vol. 206, 105559.
- 2020 "Opening the Black Box of the Matching Function: The Power of Words"  
with Ioana Marinescu  
*Journal of Labor Economics*, vol. 38 (2), pp. 535–568.
- 2018 "Applications and Interviews: Firms' Recruiting Decisions in a Frictional Labor Market"  
*The Review of Economic Studies*, vol. 85 (2), pp. 1314–1351.
- 2017 "Competing with Asking Prices"  
with Benjamin Lester and Ludo Visschers  
*Theoretical Economics*, vol. 12 (2), pp. 731–770.
- 2017 "Search Frictions, Competing Mechanisms and Optimal Market Segmentation"  
with Xiaoming Cai and Pieter Gautier  
*Journal of Economic Theory*, vol. 169, pp. 453–473.
- 2016 "Search Costs and Efficiency: Do Unemployed Workers Search Enough?"  
with Pieter Gautier and Jose Luis Moraga-Gonzalez  
*European Economic Review*, vol. 84, pp. 123–139.
- 2015 "Becker Meets Ricardo: Multisector Matching with Communication and Cognitive Skills"  
with Robert McCann, Xianwen Shi and Aloysius Siow  
*Journal of Law, Economics and Organization*, vol. 31 (4), pp. 690–720.
- 2015 "Academic Wages and Pyramid Schemes: A Mathematical Model"  
with Alice Erlinger, Robert McCann, Xianwen Shi and Aloysius Siow  
*Journal of Functional Analysis*, vol. 269 (9), pp. 2709–2746.
- 2015 "Meeting Technologies and Optimal Trading Mechanisms in Competitive Search Markets"  
with Benjamin Lester and Ludo Visschers  
*Journal of Economic Theory*, vol. 155, pp. 1–15.
- 2014 "It's About Time: Implications of the Period Length in an Equilibrium Search Model"  
*International Economic Review*, vol. 55 (3), pp. 839–867.
- 2010 "Early Retirement Behaviour in the Netherlands: Evidence from a Policy Reform"  
with Rob Euwals and Daniel van Vuuren  
*De Economist*, vol. 158 (3), pp. 209–236.

- 2009 “Simultaneous Search with Heterogeneous Firms and Ex Post Competition”  
with Pieter Gautier  
*Labour Economics*, vol. 16 (3), pp. 311–319.

### Working Papers

- 2024 “Simultaneous Search in Markets with Adverse Selection”  
with Sarah Auster and Piero Gottardi,  
Revise and Resubmit, *The Review of Economic Studies*
- 2024 “Spatial Search”  
with Xiaoming Cai and Pieter Gautier,  
Revise and Resubmit, *Journal of Economic Theory*
- 2023 “Wage Setting Protocols and Labor Market Conditions: Theory and Evidence”  
with Stanislav Rabinovich and Brenda Samaniego de la Parra.

### Work in Progress

- “Signals, Interviews, and Discrimination in the Labor Market”  
with Piero Gottardi, Benjamin Lester and Ryan Michaels.

## Conference and Seminar Presentations

- scheduled Annual Congress of the European Economic Association, Rotterdam.
- 2024 Annual Conference of the Canadian Economics Association, Toronto.
- 2023 Search and Matching Conference, New York University ▪ European Meeting of the Econometric Society, Barcelona ▪ Annual Congress of the European Economic Association, Barcelona ▪ Annual Meeting of the Society for Economic Dynamics, Cartagena ▪ Second DC Search and Matching Workshop, Federal Reserve Board.
- 2022 National University of Singapore.
- 2021 IZA Institute of Labor Economics ▪ Annual Meeting of the Society for Economic Dynamics, Minneapolis ▪ Annual Meeting of the Search and Matching Research Group, Copenhagen ▪ Universidad Diego Portales.
- 2020 Federal Reserve Bank of Cleveland ▪ Drexel University ▪ SaMMF Workshop: Advances in Search Theory ▪ Search and Matching Webinar, University of Essex / Royal Holloway ▪ University of Alberta.
- 2019 York University ▪ Federal Reserve Bank of Philadelphia ▪ Penn State ▪ Annual Meeting of the Society for the Advancement of Economic Theory, Ischia ▪ Third Annual Workshop of Southern Ontario Macro Economists, McMaster University ▪ First DC Search and Matching Workshop, Federal Reserve Board ▪ Conference on Theoretical Advances on Frictional Markets, Princeton University.
- 2018 University of Calgary ▪ National University of Singapore ▪ Annual Meeting of the Search and Matching Research Group, Cambridge, UK ▪ Upjohn-Chicago Fed Workshop on Job Search and Vacancies.
- 2017 University of Waterloo ▪ University of Western Ontario ▪ Tongji University ▪ Shanghai Macroeconomics Workshop ▪ Montreal Workshop on Markets with Frictions ▪ European University Institute.
- 2016 Tinbergen Institute Amsterdam ▪ Empirical Microeconomics Workshop, University of Calgary ▪ Federal Reserve Bank of Philadelphia ▪ UC3M & CEMFI Macroeconomics Workshop, Madrid.
- 2015 World Congress of the Econometric Society, Montreal ▪ Annual Meeting of the Society for Economic Dynamics, Warsaw ▪ University of British Columbia.
- 2014 Annual Meeting of the Society for Economic Dynamics, Toronto ▪ Vrije Universiteit Amsterdam.
- 2013 Annual Meeting of the Canadian Macroeconomics Study Group, Toronto ▪ Annual Meeting of the Society for the Advancement of Economic Theory, Paris ▪ Workshop on the Microstructure of Real Estate Markets, Rotman School of Management ▪ University of Guelph.
- 2012 University of Waterloo ▪ Tinbergen Institute Amsterdam ▪ Vrije Universiteit Amsterdam ▪ Annual Meeting of the Society for Economic Dynamics, Limassol ▪ Annual Meeting of the Search and Matching Research Group, Nicosia ▪ Workshop on Matching Problems, Becker Friedman Institute ▪ McMaster University ▪ Indiana University–Purdue University Indianapolis.
- 2011 European Meeting of the Econometric Society, Oslo ▪ Annual Congress of the European Economic Association, Oslo ▪ Annual Conference of the Canadian Economics Association, Ottawa ▪ University of Rochester.

- 2010 University of Western Ontario ▪ Queen's University ▪ Macro Perspectives (Rogerson, Shimer and Wright), NBER Summer Institute ▪ Annual Meeting of the Society for Economic Dynamics, Montreal ▪ Workshop on Labour Market Search and Policy Applications, University of Konstanz ▪ Midwest Economic Theory Meeting, Evanston ▪ University of Melbourne ▪ Australian National University ▪ University of Toronto ▪ University of Illinois at Urbana-Champaign ▪ Stockholm School of Economics ▪ Purdue University.
- 2009 University of Chicago ▪ Chicago Booth ▪ Conference on Labor Market Policy Evaluation, IZA Institute of Labor Economics, Washington DC ▪ Search and Matching Workshop, Federal Reserve Bank of Philadelphia ▪ Tinbergen Institute Amsterdam ▪ European Meeting of the Econometric Society, Barcelona ▪ Annual Meeting of the Society for Economic Dynamics, Istanbul ▪ University of Iowa.
- 2008 La Pietra-Mondragone Workshop, Florence ▪ Search and Matching Workshop, University of Pennsylvania ▪ Tilburg University ▪ IZA Institute of Labor Economics ▪ University of Aarhus.
- 2007 Workshop on Labor Market Dynamic Growth, University of Aarhus ▪ Workshop on Labor Market Flows, Collegio Carlo Alberto ▪ European Meeting of the Econometric Society, Budapest ▪ Annual Meeting of the Society for Economic Dynamics, Prague ▪ Workshop on Economic Theory, Erasmus University Rotterdam ▪ Workshop on Heterogeneity in Micro Econometric Models, IZA Institute of Labor Economics, Bonn.
- 2006 Third Meeting of the Microdata RTN, Madrid ▪ Helsinki Center of Economic Research ▪ Annual Meeting of the Netherlands Network of Economics, Amsterdam ▪ Annual Conference of the European Association of Labour Economists, Prague.
- 2005 IZA European Summer School in Labor Economics, Buch am Ammersee.
- 2004 CPB Netherlands Bureau for Economic Policy Analysis.

## Teaching

### Instructor

- Toronto ECO2100H1, Macroeconomic Theory I (Ph.D.).  
2016/17–2023/24.
- ECO209Y5, Macroeconomic Theory and Policy (undergraduate).  
2014/15–2015/16, 2017/18, 2020/21, 2022/23.
- ECO345H5/ECO352H5, Macroeconomics and the Labor Market (undergraduate).  
2016/17–2019/20, 2021/22.
- ECO4051H1, Frontiers in Macroeconomics (Ph.D.), 2 lectures.  
2019/20–2020/21.
- ECO4051H1, Topics in COVID Economics (M.A./Ph.D.), 1 lecture.  
2020/21.
- ECO2101H1, Macroeconomic Theory II (Ph.D.).  
2010/11–2015/16.
- ECO208Y5, Macroeconomic Theory (undergraduate).  
2010/11–2013/14.
- NUS EC4313, Search Theory and Applications (undergraduate).  
2021/22.
- Chicago ECON20000, Elements of Economic Analysis I (undergraduate).  
2008/09–2009/10.
- ECON20100, Elements of Economic Analysis II (undergraduate).  
2008/09–2009/10.

## Doctoral Students

### Ph.D. Thesis (Co-)Supervisor

- in progress Irisa Zhou.
- 2022 Frank Leenders, "Essays in the Macroeconomics of the Labour Market."  
Initial placement: Postdoctoral Fellow, Stockholm School of Economics.

### Ph.D. Thesis Committee Member

- in progress Jie Duan (NUS)

- 2019 Kevin Fawcett, "Wages, Worker Mobility, and the Macroeconomy."  
Initial placement: Assistant Professor, Ryerson University.
- 2018 Kevin Devereux, "Essays in Interpersonal Economics."  
Initial placement: Assistant Professor, University College Dublin & Beijing-Dublin International College.
- 2017 Ashique Habib, "Three Essays in Macroeconomics."  
Initial placement: Economist, International Monetary Fund.
- 2016 Hélène Desgagnés, "Financial Intermediaries, Regulation, and Macroeconomic Stability."  
Initial placement: Senior Economist, Bank of Canada.
- 2015 Brian Tavares, "Three Essays on Macroeconomic Labour Search."  
Initial placement: Assistant Professor, Universidad Diego Portales.

### Ph.D. Defence Committee Member

- 2017 Christine Tewfik, "Essays in Macroeconomics and Financial Frictions."  
2015 Jie Cao, "Three Essays in Macroeconomics."  
2014 Li Li, "Three Essays on Sovereign Default, Self-Control and Policy Implications."

### External Ph.D. Thesis Reviewer

- 2018 Jonathan Créchet, Université de Montréal, "Employment Protection Legislation in a Frictional Labor Market."  
2017 Florian Sniekers, University of Amsterdam, "On the Functioning of Markets with Frictions."

### Second-Year Paper Supervisor

- 2022 Irisa Zhou, "Shout Louder if You're Mediocre: Searching in the Housing Market with Asking Prices."  
2017 Frank Leenders, "Occupational Mobility over the Business Cycle."  
2013 Kevin Devereux, "Risk Sharing and On-the-Marriage Search."  
2013 Ashique Habib, "Adverse Selection, Directed Search and Credit Ratings."

## Service and Professional Activities

### Conference and Workshop Organization

- 2021–2024 Co-organizer, The Macroeconomics of Labor Markets, Barcelona School of Economics Summer Forum.  
2013–2019 (Co-)organizer, Macro Graduate Lunch Seminar, University of Toronto.  
2018 Co-organizer, 32nd Annual Meeting of the Canadian Macroeconomics Study Group, University of Toronto.  
2018 Co-organizer, Macro Conference on Innovation, Labour and Productivity, University of Toronto.

### Referee Activities

- articles American Economic Journal: Applied Economics ▪ American Economic Journal: Macroeconomics ▪ American Economic Review ▪ B.E. Journal of Macroeconomics ▪ Canadian Journal of Economics ▪ De Economist ▪ Econometrica ▪ Economic Development and Cultural Change ▪ Economic Journal ▪ Economic Theory ▪ Economics Letters ▪ Electronic Commerce Research and Applications ▪ European Economic Review ▪ International Economic Review ▪ International Tax and Public Finance ▪ Journal of the European Economic Association ▪ Journal of Economic Theory ▪ Journal of Labor Economics ▪ Journal of Mathematical Economics ▪ Journal of Money, Credit and Banking ▪ Journal of Political Economy ▪ Journal of Political Economy Macroeconomics ▪ Labour ▪ Labour Economics ▪ Macroeconomic Dynamics ▪ Management Science ▪ Quarterly Journal of Economics ▪ RAND Journal of Economics ▪ Review of Economic Dynamics ▪ Review of Economic Studies ▪ Scandinavian Journal of Economics ▪ Southern Economic Journal ▪ Theoretical Economics ▪ TPEdigitaal.
- grants European Research Council ▪ National Science Foundation ▪ Social Sciences and Humanities Research Council.

### Conference Discussions

- 2024 "Dual Labor Markets and the Equilibrium Distribution of Firms" by Josep Pijoan-Mas and Pau Roldan-Blanco, Third DC Search and Matching Workshop, Federal Reserve Board.  
2023 "Dynamics of Job Search Effort and Vacancies: Evidence from Classified Advertisements" by Huixin Bi, Nicolas Petrosky-Nadeau, Nora Traum and Greg Woodward, Annual Meeting of the Canadian Macroeconomics Study Group, Queen's University.

- 2022 "Should We Insure Workers or Jobs During Recessions?" by Camille Landais, KVS Economencafé on Optimal Labor Market Policies During Recessions.
- 2017 "Indebted Sellers, Liquidity and Mortgage Standards" by Allen Head, Hongfei Sun and Chenggang Zhou, Annual Meeting of the Canadian Macroeconomics Study Group, Ottawa.
- 2016 "Rational Inattention in Hiring Decisions" by Sushant Acharya and Shu Lin Wee, Tepper-LAEF Advances in Macro-Finance Conference, Pittsburgh.
- 2015 "Born Under a Bad Sign: The Cost of Entering the Job Market During a Recession" by Shu Lin Wee, Annual Meeting of the Canadian Macroeconomics Study Group, Montreal.
- 2014 "Optimal Employment Contracts with Hidden Search" by Rasmus Lentz, Search and Matching Workshop, Federal Reserve Bank of Philadelphia.
- 2014 "Unemployment Risk and the Distribution of Assets" by Jan Eeckhout and Alireza Sepahsalari, Workshop on Unemployment, Wage Inequality and Labor Market Policy, University of Konstanz.

### Professional Activities

- 2016 Academic Reviewer, Employment and Social Development Canada.
- 2005–2008 Editorial Board Member, Tinbergen Magazine, Tinbergen Institute Amsterdam.
- 2006–2007 Editorial Board Member, KVS Jaarboek, Royal Netherlands Economic Association.
- 2003–2005 Research Assistant, Amsterdam Institute for International Development.
- 2003–2004 Research Assistant, CPB Netherlands Bureau for Economic Policy Analysis.
- 2003–2004 Research Assistant, SEO Amsterdam Economics.