

SEUNGJIN HAN

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Education Background

PhD in Economics Department of Economics, University of Toronto, Toronto, Ontario, Canada	2003
MA in Economics Department of Economics, McGill University, Montreal, Quebec, Canada	1998
Bachelor of Economics and Statistics Department of Statistics, Korea University, Seoul, Korea	1995

Employment History

Professor Department of Economics, McMaster University, Hamilton, Ontario, Canada	2017-present
Associate Professor Department of Economics, McMaster University, Hamilton, Ontario, Canada	2009-2017
Assistant Professor Department of Economics, McMaster University, Hamilton, Ontario, Canada	2003-2009
Instructor Department of Economics, University of Toronto, Toronto, Ontario, Canada	2002-2003

Visiting Positions

Visiting Scholar Rotman School of Management, University of Toronto, Toronto, Ontario, Canada	July 2016 - March 2017
Visiting Scholar Department of Economics, Boston University, Boston, MA, USA	July 2009 - June 2010

Visiting Fellow
Centre Interuniversitaire de Recherche en Economie Quantitative
McGill University, Montreal, Quebec, Canada

July 2007 - August 2007

Publications

"General Competing Mechanism Games with Strategy-Proof Punishment," *Journal of Mathematical Economics*, Volume 102, 2022, 102728.

"Sellers' Implicit Collusion in Directed Search Markets," *The B.E. Journal of Theoretical Economics*, Volume 16 (2), 2016, 711-738.

"Robust Competitive Auctions," *Economics Letters*, Volume 136, 2015, 207-210.

"Compensating Wage Differentials in Stable Job Matching Equilibrium," with Shintaro Yamaguchi, *Journal of Economic Behavior and Organization*, Volume 114, 2015, 36-45.

"Implicit Collusion in Non-Exclusive Contracting under Adverse Selection," *Journal of Economic Behavior and Organization*, Volume 99, 2014, 85-95.

Asymmetric First Price Menu Auctions under Intricate Uncertainty," *Journal of Economic Theory*, Volume 148 (5), 2013, 2068-2095.

"On Take It or Leave It Offers in Common Agency," *Economics Letters*, Volume 117 (3), 2012, 777-781.

"A Bargaining Model of Tax Competition," with John Leach, *Journal of Public Economics*, Volume 92 (5-6), 2008, 1122-1141.

"Strongly Robust Equilibrium and Competing-Mechanism Games," *Journal of Economic Theory*, Volume 137 (1), 2007, 610-626.

"Corporate Precautionary Cash Holdings," with Jiaping Qiu, *Journal of Corporate Finance*, Volume 13 (1), 2007, 43-57.

"Assortative Marriage and the Effects of Government Homecare Provision Programs on Gender Wage and Participation Inequality," with David Bjerck, *Journal of Public Economics*, Volume 91 (5-6), 2007, 1135-1150.

"Menu Theorems for Bilateral Contracting," *Journal of Economic Theory*, Volume 131 (1), 2006, 157-178.

Working Papers

"Robust Equilibria in General Competing Mechanism Games," revised and resubmitted to *Games and Economic Behavior*.

"Stronger Monotone Signaling Equilibrium" with Alex Sam and Youngki Shin, revised and resubmitted to *Journal of Economic Theory*.

“Statistical Treatment Rules under Social Interaction,” with Julius Owusu and Youngki Shin, *submitted*.

“Differentiated Excise Taxation in the Beer Market,” with Josip Lesica

“Optimal Delegation in Markets for Matching with Signaling,” with Alex Sam and Youngki Shin

“Common Agency with Non-delegation or Imperfect Commitment,” with Siyang Xiong

“A Unified Approach to Equilibrium Analysis in Competing Mechanism Games,” with Siyang Xiong

“Dynamic Contracting Competition,” with Sambuddha Ghosh

“Quasi Ex-Post Equilibrium in Competing Mechanisms”

Courses Taught (last five years)

Undergraduate

Advanced Economic Theory I
Economics 4T03
Department of Economics, McMaster University
Winter of 2018, 2019, Fall of 2020, 2021, 2022

Graduate

Microeconomic Theory I
Economic 721
Department of Economics, McMaster University
Fall of 2018, 2019, 2020, 2021, 2022

Preparatory Mathematics for Incoming Graduate Students (half taught)
Economics 765
Department of Economics, McMaster University
Fall of 2018, 2019, 2020, 2021, 2022

Reading Course in Topics in Microeconomic Theory
Economics 700
Fall of 2019

Lifetime Research Funding

Social Sciences and Humanities Research Council Insight Grant
Project Title: Competitive Signaling
Funding Period: 2021-2024
Amount: \$42,653

Social Sciences and Humanities Research Council Insight Grant

Project Title: Competition in Frictional Markets

Funding Period: 2014-2020 (extended)

Principal Investigator: Seungjin Han

Amount: \$89,662

McMaster Incentive Grant

Project Title: Efficient Public Procurement

Funding Period: 2013-2014

Principal Investigator: Seungjin Han

Amount: \$5,000

McMaster Incentive Grant

Project Title: Dynamic Competing Mechanisms

Funding Period: 2012-2013

Principal Investigator: Seungjin Han

Amount: \$5,000

Social Sciences and Humanities Research Council Standard Research Grant

Project Title: Robust Bilateral Contracting

Funding Period: 2006-2010

Principal Investigator: Seungjin Han

Amount: \$49,251

Social Sciences and Humanities Research Council Standard Research Grant

Project Title: The Impact of Financial Constraints and Cash Flow Volatility on Corporate Liquidity and Investment

Funding Period: 2005-2009

Principal Investigator: Jiaping Qiu; Co-investigator: Seungjin Han

Amount: \$41,900

McMaster Incentive Award

Amount: \$5,000 (2004-2005), \$5,000 (2005-2006)

Arts Research Board Travel Grant, McMaster University

Amount: \$2,690 (2004), \$710 (2005)

Start-up Fund, McMaster University

Amount: \$12,000 (2003)

Presentations at Meetings

Seungjin Han, "Designing a Competitive Monotone Signaling Equilibrium," 2022 Australasia Meeting of the Econometric Society, University of Queensland, Brisbane, Australia, July 2022 (virtual)

Seungjin Han, "Designing a Competitive Monotone Signaling Equilibrium," 17th European Meeting on Game Theory, University of Padova, Italy, July 2022 (virtual)

Seungjin Han, "Neutralized Competition" 14th Meeting of the Society for Social Choice and Welfare, Seoul, Korea, June 2018.

Seungjin Han "Skill Accumulation, Inequality and Welfare with Power Law," the 8th Shanghai Microeconomics Workshop, School of Economics & Institute for Advanced Research, Shanghai University of Finance and Economics, June 2017

Seungjin Han, "Investment and Matching with Cheap Talk," Canadian Economic Theory Conference, Vancouver, British Columbia, May 2017

Seungjin Han and Smabuddha Ghosh, "Competing Mechanisms: One-Shot versus Repeated Games," International Conference on Microeconomics: Recent Advances in Microeconomics, Korea University, Seoul, Korea, December 2016

Seungjin Han, "Pre-CEO Executive Skill Accumulation and Firm-CEO Matching with Pay Limits," Annual Meetings of the Canadian Economics Association, Ottawa, Ontario, Canada, June 2016

Sambuddha Ghosh and Seungjin Han, "Repeated Competing Mechanisms," Asian Meeting of the Econometric Society, Kyoto, Japan, August 2016

Sambuddha Ghosh and Seungjin Han, "Repeated Competing Mechanisms," Canadian Economic Theory Conference, Montreal, Quebec, May, 2016

Seungjin Han, "Pre-CEO Executive Skill Accumulation and Firm-CEO Matching with Pay Limits," Midwest Economic Theory Conference, University Park, Pennsylvania, October, 2015

Seungjin Han, "Competing Mechanisms: Theory and Applications in Directed Search Markets," Midwest Economic Theory Conference, Columbus, Ohio, USA, April 2015

Seungjin Han, "Competing Mechanisms: Theory and Applications in Directed Search Markets," Canadian Economic Theory Conference, London, Ontario, Canada, May 2015

Seungjin Han, "Competing Mechanisms: Theory and Applications in Directed Search Markets," European Economic Association meeting, Mannheim, Germany, August 2015

Seungjin Han, "Robust Competitive Auctions," Annual Meetings of the Canadian Economics Association, Toronto, Ontario, Canada, May 2015

Sambuddha Ghosh and Seungjin Han, "Repeated Contracting in Decentralized Markets," North American Winter Meeting of the Econometric Society, Philadelphia, PA, 2014

Seungjin Han, "Robust Competitive Auctions: A Theory of Stable Markets with Frictions," 2014 UBC-UHK Economic Theory Conference, Vancouver, Canada, August 2014

Seungjin Han, "Implicit Collusion in Non-Exclusive Contracting under Adverse Selection," International Conference on Game Theory, Stony Brook, New York, July 2011

Seungjin Han, "Implicit Collusion in Non-Exclusive Contracting under Adverse Selection," European Meetings of Econometric Society, Oslo, Norway, August 2011

Seungjin Han, "Non-Committed Procurement under Intricate Uncertainty," 10th journees Louis-Andre Gerard-Varet, Marseille, France, June 2011

Seungjin Han, "Non-Committed Procurement under Intricate Uncertainty," Annual Meetings of the Canadian Economics Association, Ottawa, Canada, June 2011

Seungjin Han, "Non-Committed Procurement under Intricate Uncertainty," Annual Meetings of the Korean Econometric Society, Seoul, Korea, June 2009

Seungjin Han, "Job Matching Patterns and Observed Equalizing Differences," European Meetings of Econometric Society, Barcelona, Spain, August 2009

Seungjin Han, "Strongly Robust Equilibrium in Common Agency," Far Eastern Meetings of the Econometric Society, Singapore, July 2008

Seungjin Han, "Strongly Robust Equilibrium in Common Agency," Midwest Economic Theory Conference, Urbana-Champaign, Illinois, USA, May 2008

Seungjin Han, "Strongly Robust Equilibrium in Common Agency," Canadian Economic Theory Conference, Montreal, Quebec, Canada, May 2007

Seungjin Han, "Strongly Robust Equilibrium and Competing-Mechanism Games," Far Eastern Meeting of the Econometric Society, Beijing, China, July 2006

David Bjerker and Seungjin Han, "Assortative Marriage and the Effects of Government Homecare Provision Programs on Gender Wage and Participation Inequality," Canadian Economic Theory Conference, Vancouver, BC, Canada, May 2005

Seungjin Han, "An Efficient Mechanism for Differentiated Quality of Internet Service," Canadian Economic Theory Conference, Vancouver, British Columbia, Canada, May 2003

Seungjin Han, "Menu Theorems for Bilateral Contracting," Canadian Economic Theory Conference, Toronto, Ontario, Canada, May 2002

Seungjin Han, "Competitive Investments and Matching: Hedonic Pricing Problems," Annual Meetings of the Canadian Economics Association, Calgary, Alberta, Canada, May/June 2002

Invited Seminars

UC Riverside (2021, 2019), Wilfrid Laurier University (2017, 2007), City University of Hong Kong (2017), Korea University (2016, 2009, 2008), University of British Columbia (2016), University of Toronto (2016, 2004), Michigan State university (2016), Concordia University (2013), Indiana University (2012), University of Guelph (2012), University of Western Ontario (2010), Boston University (2010, 2009), Yonsei University (2008, 2006), Seoul National University (2008), McGill University (2007, 2003), York University (2005), DeGroote School of Business, McMaster University (2005), Queen's University (2005), Brock University (2004), Concordia University (2003), McMaster University (2003)

Journal Referees

Canadian Journal of Economics, Canadian Public Policy, Econometrica, Economica, Games and Economic Behavior, International Economic Review, International Journal of Industrial Organization, Journal of Bioeconomics, Journal of Corporate Finance, Journal of Economic Behavior and Organizations, Journal of Economics and Management Strategy, Journal of Economic Theory, Journal of Mathematical Economics, Journal of Urban Economics, Mathematical Social Sciences, Regional Science and Urban Economics, The B.E. Journal of Theoretical Economics, Theoretical Economics, Theory and Decision, Review of Economic Design

Grant & Personnel Committees

Insight Development Grants Economics (07A) selection committee, Social Sciences and Humanities Research Council, Canada, 2020

External grant reviews

Israel Science Foundation
National Killman Program
Research Grants Council of Hong Kong
Social Sciences and Humanities Research Council of Canada

Supervisorship

Alex Sam, Economics, PhD, in progress
role: supervisor

Andrew Leal, PhD, in progress
role: committee member

Sean Sexton, Economics, PhD, 2022
role: committee member

Zvezdomir Todorov, Economics, PhD, 2020
role: committee member

Joe Lesica, Economics, PhD, 2017
role: supervisor

Andrew Carrowthers, Finance, Ph.D., 2014
role: member of thesis committee

Administrative Responsibilities

Graduate Admission Committee, member, 2022-2023
Department of Economics, McMaster University

Graduate Council, member, 2022-2023
School of Graduate Studies, McMaster University

Selection Committee for the Accelerated Hiring of Black Scholars, 2020-2021
Faculty of Social Sciences, McMaster University

Associate Chair of Department of Economics, 2018-2021
Department of Economics, McMaster University

Chair, Recruiting Committee, 2018-2021
Department of Economics, McMaster University

Tenure and Promotion Committee, member, 2010 – 2011
Department of Economics, McMaster University

Faculty Tenure and Promotion Committee, member, 2018-2019
Faculty of Social Sciences, McMaster University

Chair, Research Committee Chair, 2011 - 2016, 2017-2018
Department of Economics, McMaster University

Recruiting Committee, member, 2007 - 2008, 2015 – 2016
Department of Economics, McMaster University

Website Strategy Committee, member, 2014
Department of Economics, McMaster University

Tenure and Promotion Committee, member, 2010 – 2011
Department of Economics, McMaster University

Graduate Studies Committee, member, 2003-2009
Department of Economics, McMaster University

Research Committee, member, 2006-2009, 2010-2011
Department of Economics, McMaster University

Faculty Council of Social Sciences, member, 2004-2009
Faculty of Social Sciences, McMaster University