

Johannes Carlos Hoelzemann

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Main Research Interest

Behavioral & Experimental Economics, Economic Theory

Academic Employment

University of Vienna, Department of Economics, *Assistant Professor*, 2022-present

University of Toronto, Department of Economics, *Postdoctoral Research Fellow*, 2018-2022

University of Toronto, Rotman School of Management, BEAR – BI.Org, 2020-2022

Education

PhD in Economics (Essays in Theoretical and Experimental Economics), UNSW Sydney, 2018

🏆 *Business School Higher Degree Research Student Thesis Award for the Best Doctoral Dissertation*

Diploma Regional Science (Research, combined Bachelor and Master degree), Economics, Social and Economic Psychology, Romance Studies, and History, University of Cologne, 2014

Master of Economics (Research), Macquarie University, 2013

Research Papers

Publications

- 📄 “Non-Parametric Identification and Testing of Quantal Response Equilibrium,”
Games & Economic Behavior, forthcoming
with Ryan Webb (UofT) & Erhao Xie (BOC)
- 📄 “Bandits in the Lab,” *Quantitative Economics* (2021), 12 (3), 1021-1051.
with Nicolas Klein (UdeM)
🏆 *John McMillan Prize for the Best Paper in Economics by a PhD Student*
- 📄 “Essays in Theoretical and Experimental Economics” (thesis abstract, commissioned submission),
Journal & Proceedings of the Royal Society of New South Wales (2018), 151 (2), 232-234.

Working Papers

- 📄 “The Streetlight Effect in Data-Driven Exploration”
with Gustavo Manso (Berkeley), Abhishek Nagaraj (Berkeley), & Matteo Tranchero (Penn)
🏆 *Keynote at UCLA Prize Conference*
🏆 *Nomination for the Best Conference Paper Prize of the SMS Milan Special Conference*
- 📄 “Magic Mirror on the Wall, Who Is the Smartest One of All?”
with Yoram Halevy (UofT) & Terri Kneeland (UCL)
🏆 *Keynote at UEA Behavioural Game Theory Workshop*
- 📄 “Information and the Bandit: Breakdown Learning in the Lab”
with Nicolas Klein (UdeM)
- 📄 “Coordination in the Network Minimum Game”
with Hongyi Li (UNSW)
- 📄 “Eliciting Present Bias under Uncertainty”
with Nazlı Billur Görgülü (UofT-PhD student) & Yoram Halevy (UofT)
- 📄 “Asset Ownership and the Hold-Up Problem with Asymmetric Information”
with Richard Holden (UNSW)

Work in Progress

- 📄 “Strategic Ambiguity in Social Learning”
with Yoram Halevy (UofT) & Colin Stewart (UofT)
- 📄 “Anticipated Regret”
with David Dillenberger (Penn), Yoram Halevy (UofT), & Gideon Nave (Penn)

- ✎ “Update Please!”
with Yoram Halevy (UofT) & Colin Stewart (UofT)
- ✎ “Consistency of Belief Measures”
with Yoram Halevy (UofT) & Terri Kneeland (UCL)
- ✎ “Discrimination and Focality – A Convenience Story?”
with Carl Heese (HKU) & Christian Koch (UniVie)
- ✎ “Blame It on the Coin Flip – Regret and Preferences for Randomization”
with Moritz Loewenfeld (UniVie)

Professional Activities

Conferences & Workshops (by myself or a co-author)

- 2024–2025 Conference of the Society for Institutional & Organizational Economics (Sydney), European Association of Young Economists Annual Meeting (London), Paris School of Economics Bounded Rationality Workshop (Paris), University of California at Los Angeles Price Conference (keynote, Los Angeles), Nordic Conference in Behavioral and Experimental Economics (Copenhagen), First International Conference of the Georgian Economic Association (Tbilisi)
- 2023 University of Toronto Behavioral Economics / Industrial Organization Workshop, Fourth AI and Strategy Consortium (online), Society for the Advancement of Economic Theory (Paris), University of Pennsylvania Spring Behavioral & Experimental Economic Research Conference (Philadelphia), Asian Meeting of the Econometric Society (Beijing), 2023 Strategy Science Conference (Munich), Economic Science Association World Meeting (Lyon), University of East Anglia Behavioral Game Theory Workshop (keynote, Norwich), Economic Science Association European Meeting (Exeter), 2023 Meeting of the Midwest Econometrics Group (Cleveland)
- 2022 Bounded Rationality: Theory and Experiments (Tel Aviv), Economic Science Association North-American Meeting (Santa Barbara), Stanford Institute for Theoretical Economics, Barcelona School of Economics Summer Forum Workshop, Bounded Rationality in Choice (Prague), Decision: Theory, Experiments, Applications (Paris), University of Chicago Booth School of Business Behavioral Economics Workshop, Wharton/Columbia Management, Analytics, and Data Conference (New York), Harvard Business School Data Science in a Digital World Conference, NBER Productivity Workshop (Boston / online), Society for the Advancement of Economic Theory (Canberra), Workshop on Entrepreneurial Finance & Innovation (online), Innovation & Entrepreneurship Workshop (Barcelona / online), UCLA Anderson School of Management Strategy Workshop, University of Calgary / Simon Fraser University / University of British Columbia Theory Workshop (online), UC Berkeley Psychology & Economics Workshop, Strategic Management Society Special Conference (Milan), Strategy, Innovation and Entrepreneurship Workshop (online)
- 2019–2021 Economic Science Association North-American Meeting (Tucson), NeuroPsychoEconomics Conference (Amsterdam / online), Annual Conference of the Canadian Economic Association (Vancouver / online), Annual Conference on Network Science and Economics (Chicago / online), Econometric Society European Meeting (Manchester), Economic Science Association World Meeting (Vancouver), Annual Conference of the Canadian Economic Association (Banff)
- 2016–2018 Stanford Institute for Theoretical Economics, PhD Conference in Business and Economics (Melbourne), Behavioural Economics: Foundations and Applied Research Workshop (Sydney), Australia New Zealand Workshop on Experimental Economics (Melbourne), Economic Science Association European Meeting (Vienna), Economic Science Association North-American Meeting (Tucson), UNSW Programming Workshop (Organizer), UNSW Learning and Teaching Workshop

Seminars

- 2023–2025 Wirtschaftsuniversität Wien (IMS/CoBe Research Meeting), Nazarbayev University, Central European University, University of Vienna Internal Seminar, Masarykova Univerzita, Universität Duisburg-Essen, Wirtschaftsuniversität Wien
- 2021–2022 University of California at Davis, University College London, Université de Montréal, University of Texas at Dallas Naveen Jindal School of Management, Universität Wien, Florida State University, Koç Üniversitesi, Universidad de Alicante, Wirtschaftsuniversität Wien (2), Western University, University of Toronto Theory Workshop, University of Toronto Rotman School of Management Industrial Organization Brownbag, University of Toronto Rotman School of Management Marketing Brownbag, Behavioral-Experimental Brownbag, University of Toronto Teaching and Learning Community of Practice

- 2019–2020 University of Toronto Rotman School of Management Industrial Organization Brownbag, University of Toronto Theory Workshop (2), Wirtschaftsuniversität Wien, McMaster University, University of Saskatchewan
- 2016–2018 UNSW Empirical Micro Group Workshop, UNSW Theory Workshop, University of Sydney, University of Technology Sydney (2), Wirtschaftsuniversität Wien

Refereeing

- Journals Economic Inquiry, Economic Journal, European Economic Review, Experimental Economics, Games and Economic Behavior, Journal of Banking and Finance, Journal of Behavioral and Experimental Economics, Journal of Economic Behavior and Organization, Journal of Economic Theory, Journal of Mathematical Economics, Journal of the European Economic Association, Management Science, The Journal of Law and Economics
- Inst. / Soc. European Association of Young Economists, Research Grants Council of Hong Kong, Strategic Management Society

Short Research Visits

- 2025 ETH Zürich, University of Toronto
- 2024 Universitat Pompeu Fabra
- 2020 Stanford University
- 2019 Università Commerciale Luigi Bocconi
- 2017 Universität zu Köln, Wirtschaftsuniversität Wien

Summer Schools

- 2015 New York University: Neuroeconomics, Society for Economic Design: Economic Design and Experimental Economics
- 2014 University of East Anglia: Economics of Organizations and Game Theory

Service

- 2022–2025 Scientific Committee Member of the European Association of Young Economists (EAYE) Annual Meeting, Junior Recruitment (Theory, Experimental, & Lab Managers), Co-Organizer of the Experimental Seminar, Letter Writer for 3 Students to Support Graduate School Applications
- 2019–2022 Co-Organizer of the Behavioral Seminar & Theory Workshop at UofT, Letter Writer for 20 Students to Support Graduate School Applications
- 2020–2021 Advisor to the City of Toronto
- 2015–2018 President of the Economics Research Students Association at UNSW Sydney

Teaching Experience

- UniVie 040106UK Decision and Game Theory (ug, 2023, 2024, 2025)
 🏆 *Nomination for the UniVie Teaching Award*
 040184UK Microeconomics (ug, 2022, 2023, 2024)
- UofT ECO316 Applied Game Theory (ug, 2018, 2019, 2020, 2021, 2022)
 RSM3090 Experimental Economics (PhD, 2020, guest lecture)
- UNSW ECON1202 Quantitative Analysis for Business and Economics (ug, 2015, 2016)
 COMM5005 Quantitative Analysis for Business and Economics (pg, 2015, mult. lectures)
 COMM5011 Data Analysis for Business (pg, 2018)
 ECON6310 Advanced Behavioural and Experimental Economics (PhD, 2014, 2016, mult. lectures)
- MQ ECON396 European Union Economics (ug, 2013)
 ECON847 International Trade (pg, 2013)

Academic Honors

Awards

- 2023 Tax Benefits for Incoming Scientists and Researchers
- 2019 Business School Higher Degree Research Student Thesis Award for the Best Doctoral Dissertation
- 2017 John McMillan Prize for the Best Paper in Economics by a PhD Student
- 2016 Dean's Award for Service
- 2015 Dean's Award for Service
- 2015 PhD Engagement Award
- 2011 The Faculty of Business and Economics Prize

Scholarships

- 2020–2022 BI.Org Behaviorally Informed Organizations Postdoctoral Funding, Behavioral Economics in Action Research Center at the Rotman School of Management (BEAR)
- 2017 PhD Placement Scholarship for Research Excellence
UNSW Business School Top Up Scholarship
- 2017–2018 PhD Scholarship for Experimental Studies of Networks and Coalitions
- 2016 University of Cologne FOR Fellowship
- 2015 New York University Scholarship
- 2014–2017 Australian Research Council Discovery Grant Scholarship
UNSW Tuition Fee Scholarship
University International Postgraduate Award Supplementary Scholarship
- 2011–2013 Macquarie University International Scholarship
- 2009–2010 Arbeitskreis Spanien Lateinamerika Scholarship

Research & Travel Grants

- 2024 Graf Hardegg Foundation Research Grant (€3000)
Université Paris-Panthéon-Assas Research Grant (€3200)
UniVie Small Research Grant (€2000)
UniVie Small Research Grant (€1800)
UofT Rotman School of Management Research Grant (\$3500)
- 2022 Graf Hardegg Foundation Research Grant (€8000)
UniVie Vienna Center for Experimental Economics Research Grant (€5000)
UniVie Small Research Grant (€2000)
UofT Department of Economics Research Grant (\$1500)
- 2021 UC Berkeley Haas School of Business Research Grant (\$13500)
UofT Department of Economics Research Grant (\$1500)
- 2020 UofT Department of Economics Research Grant (\$1500)
- 2019 UofT Department of Economics Research Grant (\$1500)
- 2018 UNSW School of Economics Postgraduate Travel Grant (\$1500)
UNSW School of Economics Postgraduate Travel Grant (\$1000)
- 2017 UNSW School of Economics Postgraduate Research Grant (\$3000)
UNSW School of Economics Postgraduate Research Grant (\$1500)
UNSW School of Economics Postgraduate Travel Grant (\$4000)
- 2016 UNSW BizLab Faculty Small Project Grant (\$5000)
UNSW BizLab Small Project Grant (\$3000)
UNSW Postgraduate Research Student Support (\$2200)
- 2015 UNSW BizLab Faculty Small Project Grant (\$5000)
UNSW BizLab Small Project Grant (\$3000)

Other Skills & Status

- Software Eye-Link, HTML, JavaScript, \LaTeX , Mathematica, MATLAB, ORSEE, oTree, Python, Stata, Tobii, zTree
- Languages English, German, Spanish (fluent), Portuguese (advanced), Latin (Latinum), and Turkish (basic)
- Citizenship Chile & Germany
- Per. Residency Australia & Canada