

University of Wisconsin-Madison, Department of Economics, 1180 Observatory Drive, Madison, WI 53706-1393
Phone: (608) 262-6723, Fax: (608) 262-2033; <http://www.ssc.wisc.edu/~mrostek>, mrostek@ssc.wisc.edu

ACADEMIC APPOINTMENTS

Juli Plant Grainger Distinguished Chair of Economics, 2019-present, University of Wisconsin-Madison
Lowell and Leila Robinson Professor of Economics, 2016-2019, University of Wisconsin-Madison
Professor of Economics, 2015-2016, University of Wisconsin-Madison
Associate Professor of Economics, 2012-2015, University of Wisconsin-Madison
Assistant Professor of Economics, 2006-2012, University of Wisconsin-Madison
Postdoctoral Research Fellow, 2007-2008, Oxford University, Department of Economics and Nuffield College

EDUCATION

Yale University, Ph.D. in Economics, 2006; M.Phil. in Economics, 2004, M.A. in Economics, 2003
University of Amsterdam, Tinbergen Institute, The Netherlands, M.Phil. in Economics, 2001
Catholic University of Leuven, Belgium, M.Sc. in Economics, Magna Cum Laude, 2000
Warsaw University, Poland, B.A. in Economics, 1999

SHORT VISITING POSITIONS

Becker Friedman Institute, University of Chicago (05.2018)
Yale University and Cowles Foundation (05.2015)
Cambridge University-INET (03.2014)
LSE Financial Markets Group (11.2013, 03.2014)
EUI (Fernand Braudel Senior Fellow, Fall 2012)
Swiss Finance Institute (multiple visits in 2012, 2013)
Princeton University (11.2008)
Center for the Study of Rationality and Hebrew University in Jerusalem (06.2008)

EDITORIAL APPOINTMENTS

Journal of Economic Theory, Editor, 01.2021-
AEJ: Microeconomics, Board of Editors, 01.2020-12.2020
Journal of Economic Literature, Board of Editors, 01.2016-
Econometrica, Associate Editor, 07.2015-
Economic Theory, Associate Editor, 04.2015-
Economic Theory Bulletin, Associate Editor, 04.2015-
Journal of the European Economic Association, Associate Editor, 01.2015-12.2018

AWARDS AND HONORS

Summer School of the Econometric Society, 2021 (scheduled)
Elected Fellow, Society for the Advancement of Economic Theory, 2020
Vilas Faculty Mid-Career Investigator Award, 2018-20
H. I. Romnes Faculty Fellowship, University of Wisconsin-Madison, 2016-2021
Member of the Finance Theory Group since 2015
McKenzie Prize for Excellence in Research, University of Wisconsin-Madison, 2009
Master of Arts by Resolution, Oxford University, 2008
Stuart W. McCroskey Fellow in Economics, University of Wisconsin-Madison, 2006-present
Up and Coming Bright New Thing, Plenary talk, Foundations of Risk and Uncertainty XII, Rome, 2006
Cowles Foundation Prize, Yale University, 2001-2005

Fellowship of the Department of Economics and Econometrics (competitive), University of Amsterdam, 2000
Erasmus-Socrates European Union Scholarship, 1999
Award of the Ministry of Education, Poland, 1999 (given to ca. 100 students p.a. in all disciplines)
Excellence Award for Highest GPA in history, Department of Economics, Warsaw University, 1998
Scholarship for Outstanding Academic Achievements, Department of Economics, Warsaw University, 1997 and 1998
Regional Mathematics Olympiad, Third Prize, Poland, 1996

RESEARCH INTERESTS

Microeconomic Theory, Finance, Market Design

RESEARCH GRANTS

National Science Foundation Grant "Decentralized-Market Design," 2019-22, SES-1851857, \$276,995
Hilldale Undergraduate/Faculty Research Fellowship (with R. Dix), 2018
Fall Research Competition Grant, Office of the Vice Chancellor for Research and Graduate Education,
University of Wisconsin-Madison, 2007, 2009, 2012, 2013, 2014, 2015, 2018, total of \$270,179
National Science Foundation Grant "Decentralized Exchange: Theory and Market Design," 2014-17, SES-1357758,
\$266,116
NET Institute Research Grant, 2011, 2012, 2013
National Science Foundation Grant "Theory and Design of Divisible Good Auctions," 2009-12, SES-0851876, \$406,696
(with M. Weretka)

TEACHING AWARDS

Best 1st Year Teacher Award (Ph. D.), University of Wisconsin-Madison, 2012
Honored Instructor Award (Undergraduate), University of Wisconsin-Madison, 2010
Raymond Powell Teaching Prize, Yale University, 2004

PUBLICATIONS AND RESEARCH PAPERS

- "Matching with Complementary Contracts" (with N. Yoder), lead article,
Econometrica 88, 5 (2020), 1793-1827.
- "Information Design and Capital Formation" (with A. Carvajal and G. Sublet),
The Journal of Economic Theory 176 (2018), 255-292.
- "Decentralized Exchange" (with S. Malamud),
The American Economic Review 107, 11 (2017), 3320-3362.
- "Information and Strategic Behavior" (with M. Weretka),
The Journal of Economic Theory 158 (2015), 536-557.
- "Dynamic Thin Markets" (with M. Weretka),
The Review of Financial Studies 28, 10 (2015), 2946-2992.
- "Demand Reduction and Inefficiency in Multi-Unit Auctions" (with L. Ausubel, P. Cramton, M. Pycia, and M. Weretka),
The Review of Economic Studies 81, 4 (2014), 1366-1400.
- "Price Inference in Small Markets" (with M. Weretka),
Econometrica 80, 2 (2012), 687-711.
- "Competition in Financial Innovation" (with A. Carvajal and M. Weretka),
Econometrica 80, 5 (2012), 1895-1936.
- "Quantile Maximization in Decision Theory,"
The Review of Economic Studies 77 (2010), 339-371.
- "Price Discrimination and Resale" (with A. Basuchoudhary, C. Metcalf, K. Pommerenke, D. Reiley, C. Rojas,
and J. Stodder), **The Journal of Economic Education** 39 (2008), 229-44.
- "Thin Markets" (with M. Weretka),
The New Palgrave Dictionary of Economics Online (2008), S. N. Durlauf and L. E. Blume, Eds. Palgrave Macmillan.
- "Exchange Design and Efficiency" (with J. H. Yoon),
Revise and resubmit, **Econometrica**.

- “Equilibrium Theory of Financial Markets: Recent Developments” (with J. H. Yoon), prepared for **The Journal of Economic Literature**.
- “Comments on ‘Regulation and Security Design in Concentrated Markets’ by A. Babus and K. Hachem,” prepared for **The Journal of Monetary Economics**.
- “Innovation in Decentralized Markets” (with J. H. Yoon).
- “Bilateral Market Power in Fragmented Markets” (with S. Malamud).
- “Privacy in Markets” (with M. Ollar and J. H. Yoon).
- “Matching with Multilateral Contracts” (with N. Yoder).
- “Complementarity in Matching, Games, and Exchange Economies” (with N. Yoder).
- “Dynamic Imperfectly Competitive Markets with Private Information” (with J. H. Yoon).
- “Supply Function Games with General Gaussian Information Structures” (with J. H. Yoon).
- “Core Selection in Auctions and Exchanges” (with N. Yoder).

PAPERS IN PROGRESS

- “Dynamic Imperfectly Competitive Markets with Heterogeneous Traders” (with J. H. Yoon).
- “Games among Groups” (with G. Martinez and J. H. Yoon).
- “Strategic Interactions with Formal and Informal Institutions” (with R. Dix and J. H. Yoon).
- “Dynamic Games in Contracts” (with R. Dix and J. H. Yoon).

INVITED SEMINARS

- 2020/21: (including scheduled) Northwestern University, Toulouse School of Economics, University of Rochester, Cambridge INET Networks Webinar, Virtual Market Design Seminar, Australasian Microeconomic Theory Seminar
- 2019/20: Princeton University, Caltech, Stanford GSB, Carnegie Mellon University/Pittsburgh University, Arizona State University, Paris School of Economics, ECARES, INSEAD (Finance), HEC (Paris, Finance), New Economic School (Moscow), Higher School of Economics & ICEF (Moscow)
- 2018/19: UCSD, The Federal Reserve Board, IAQF/Thalesians (New York), University of Cambridge, Stockholm School of Economics (Economics), Stockholm School of Economics (Finance), University of Calgary (Finance)
- 2017/18: University of Chicago, Washington University (St. Louis), Ohio State University
- 2016/17: Columbia University, Simon Fraser University
- 2015/16: UC Berkeley, Brown University, Duke University, Penn State University, Georgia State, UC Davis, University of Rochester, Chinese University of Hong Kong, University of Melbourne, University of Technology Sydney, University of New South Wales, University of Queensland, Shanghai University of Finance and Economics, Fudan University, Academia Sinica
- 2014/15: UCL (departmental seminar), Yale University, Boston College, University of Iowa, Bank of Canada
- 2013/14: University of Pennsylvania, Purdue University, Undergraduate Math Club at Wisconsin-Madison
- 2012/13: UCLA, Caltech, University of Minnesota, Carnegie Mellon University/ Pittsburgh University, UCL, Collegio Carlo Alberto, EUI
- 2011/12: NYU, Toulouse School of Economics, University of Michigan, Washington University (St. Louis), UBC, University of Oxford, University of Cambridge, EPFL&HEC-Lausanne, University of Notre Dame, Universitat Autònoma de Barcelona, Imperial College London
- 2010/11: Stanford GSB, Philadelphia Fed, University of Maryland, University of Toronto, UC Davis, NHH Bergen
- 2009/10: University of Bonn, Washington University (St. Louis), Tulane University, University of Montreal
- 2008/9: Princeton University, Northwestern University, Queen’s University, LSE (Mathematics)
- 2007/8: University of Chicago, Nuffield College (Oxford), University of Southampton, UCL, University of Warwick (CRETA), Hebrew University of Jerusalem
- 2006/7: Johns Hopkins University, University of Rochester, University of Wisconsin-Madison
- 2005/6: Caltech, Columbia University, Northwestern University, University of Wisconsin-Madison, University of Minnesota, Duke University FUQUA, Oxford University

CONFERENCE PRESENTATIONS

- 2020/21: (including scheduled) NBER Market Design Meeting
"The Associate Editors of *Econometrica*: Promising Directions in Economic Theory," ASSA (Chicago)
GAMES 2020 World Congress of the Game Theory Society (semi-plenary, Budapest)
North American Summer Meetings of the ES, Montreal (semi-plenary, Montreal)
Search and Matching in Macro and Finance Virtual Seminar Series
North American Winter Meetings of the Econometric Society (Chicago)
- 2019/20: Conference on Game Theory (semi-plenary, Stony Brook)
- 2018/19: Conference on "The Changing Regulatory and Technological Landscape of Market Structure" (Vanderbilt, The Financial Markets Research Center)
The 7th European Meeting on Networks (University of Cambridge)
Conference on Finance-Related Theory and Experiments (NYU)
5th NSE 2019 "Community Structure in Networks" (Indiana)
- 2017/18: Philadelphia Search and Matching Workshop (The Federal Reserve Bank of Philadelphia)
SED Meetings (Mexico City)
Networks: Information, Contracts, and Communities, Barcelona GSE Forum (Barcelona)
- 2016/17: Conference on Economic Theory, Cowles Foundation (Yale University)
The 5th European Meeting on Networks (UCL)
Conference on Advances in Mechanism and Market Design (NYU Abu Dhabi)
Conference on "What We Know About Information in Financial Markets" (UC Santa Barbara, LEAF)
Spring 2017 Workshop in Economic Theory (Queen Mary University of London)
The 6th Midwest Workshop on Controls and Game Theory (University of Michigan)
- 2015/16: The 2016 International Conference for Integration of Science, Technology and Society (keynote, KAIST)
Market Mechanisms and Their Impact: Conference in Honor of Pete Kyle (Maryland, Robert H. Smith School of Business)
Inaugural EUI-Cologne Market Design Conference (EUI)
- 2014/15: Summer Microeconomics Conference (University of Hong Kong)
- 2013/14: Cambridge-INET Workshop (Cambridge University)
The 5th Annual Conference on Money, Banking and Asset Markets (Wisconsin School of Business)
- 2012/13: AEA Meetings (San Diego)
Economic Networks and Banking Conference (LSE)
SAET Conference (Paris, 2x)
SITE (Stanford University)
Financial and Economic Networks Conference (Wisconsin School of Business)
- 2011/12: The 4th Annual Conference on Extreme Events, Expectations and Decisions (Stavanger)
- 2010/11: Fall Midwest Economic Theory Conference (University of Wisconsin-Madison)
- 2009/10: Fall Midwest Economic Theory Conference (Penn State University)
- 2008/9: Minnesota Summer Workshop in Macroeconomic Theory '2009
SED Meetings (Istanbul)
SAET Conference on Current Trends in Economics (Ischia)
Caress-Cowles Conference (Yale University)
- 2007/8: Essex Economics Workshop '2008
American Finance Association Annual Meeting (New Orleans)
Fall Midwest Economic Theory Conference (University of Michigan)
- 2006/7: North American Summer Meetings of the Econometric Society (Duke University)
North American Winter Meetings of the Econometric Society (Chicago)
- 2005/6: Risk Utility and Decision (Paris)
Foundations of Risk and Uncertainty XII (Rome)
Midwest Economic Theory Conference (Lawrence)
- Prior to 2005/6: XVI Conference on Game Theory (Stony Brook); X Spring Meeting of Young Economists (Geneva)

INVITED DISCUSSIONS

- “Regulation and Security Design in Concentrated Markets” by A. Babus and K. Hachem; Carnegie-Rochester-NYU Conference on Public Policy, “Market Power and Macro Policy” (2020, Carnegie Mellon University)
- “Size Discovery” by D. Duffie and H. Zhu; American Finance Association Meetings, 2017 (Chicago)
- “Benchmarks in Search Markets” by D. Duffie, P. Dworczak, and H. Zhu; American Economic Association Meetings, 2016 (San Francisco)
- “Smooth Trading with Overconfidence and Market Power” by A. S. Kyle, A. Obizhaeva, and Y. Wang; American Finance Association, 2014 (Philadelphia)
- “Trading and Information Diffusion in Over-the-Counter Markets” by A. Babus and P. Kóndor; Information, Competition and Market Frictions, 2013 (Barcelona GSE Summer Forum)
- “Sales Mechanisms in Online Markets: What Happened to Internet Auctions” by L. Einav, C. Farronato, J. Levin, and N. Sundaresan; Security Markets and Auctions, 2012 (Kellogg)
- “Cream Skimming in Financial Markets” by P. Bolton, T. Santos, and J. Scheinkman; Conference in Honor of Lionel W. McKenzie, 2011 (Rochester)
- “Information Percolation in Segmented Markets” by D. Duffie, S. Malamud, and G. Manso; North American Winter Meetings of the Econometric Society, 2011 (Denver)
- “Recurrent Infection and Externalities in Prevention” by F. Toxvaerd; North American Winter Meetings of the Econometric Society, 2011 (Denver)
- “Strategic Supply Function Competition with Private Information” by X. Vives; North American Winter Meetings of the Econometric Society, 2008 (New Orleans)

TEACHING EXPERIENCE

- Microeconomic Theory (Ph.D.), University of Wisconsin-Madison
- Topics in Advanced Microeconomic Theory (Ph.D.), University of Wisconsin-Madison
- Game Theory (Undergraduate honors elective), University of Wisconsin-Madison
- Corporate Strategy and Market Competition (elective, Masters in Finance and Economics), Oxford University, Said Business School
- Introduction to Microeconomics (Undergraduate summer course, Instructor), Yale University

REVIEWING AND REFEREEING

National Science Foundation (reviewer; large grant panelist); MIT Press; Norton, Wiley-Blackwell; SMYE conference

American Economic Journal: Microeconomics, American Economic Review, American Economic Review: Insights, Computational Statistics and Data Analysis, Econometrica, Economic Theory, Games and Economic Behavior, International Economic Review, International Journal of Game Theory, Journal of Banking and Finance, Journal of Economic Behavior and Organization, Journal of Economic Literature, Journal of Economic Theory, Journal of European Economic Association, Journal of Finance, Journal of Mathematical Economics, Journal of Monetary Economics, Journal of Political Economy, Mathematical Finance, Mathematics and Financial Economics, Operations Research, Oxford Economic Papers, Quantitative Economics, Quarterly Journal of Economics, RAND Journal of Economics, Review of Economic Design, Review of Economic Studies, Review of Financial Studies, Statistical Science, Theoretical Economics

GRADUATE ADVISING

Chair: Chen Lyu (ongoing), Shuhei Otani (ongoing), Ziwei Wang (ongoing), Gabriel Martinez (Amazon), Mariann Ollar (Penn and Warren Center postdoc; now at the University of Edinburgh), Nathan Yoder (Terry College of Business, University of Georgia), Ji Hee Yoon (UCL Economics Department and Centre for Finance postdoc);

Committee member: Srinivas Arigapudi, Wan Yi Chen, Alexander Clark, George Loginov, Katsuhiko Aiba, Yasushi Asak, Luciana Moscoso Boedo, Jose Tono Carrasco, Man Wah Cheung, Danqing Hu, Francis Flanagan, Kohei Iwasaki, Rui Li, Michael Rapp, Jeremy Sanford, Ryoji Sawa, Ziwei Wang, Wei Zhang; Non-reader: Bo Chen, Emin Dokumaci, Ratul Lahka, Hojun Lee, Ignacio Monzon, Giacomo Rondina, Sivan Balasubramanian (Computer Science), David Malec (Computer Science).

OTHER PROFESSIONAL SERVICE

Program committee: 48th Annual Meeting of the European Finance Association, 2021 (Milan)
Session organizer: North American Winter Meetings of the Econometric Society, 2021 (Chicago)
Program committee: 47th Annual Meeting of the European Finance Association, 2020 (Helsinki)
Program committee: 46th Annual Meeting of the European Finance Association, 2019 (Carcavelos)
Program committee: North American Summer Meetings of the Econometric Society, 2018 (UC Davis)
Program committee: 45th Annual Meeting of the European Finance Association, 2018 (Warsaw)
Program committee: North American Winter Meetings of the Econometric Society, 2018 (Philadelphia)
Program committee: 44th Annual Meeting of the European Finance Association, 2017 (Mannheim)
Program committee: 5th World Congress of the Game Theory Society, 2016 (Maastricht)
Program committee: 43rd Annual Meeting of the European Finance Association, 2016 (Oslo)
Program committee: 42nd Annual Meeting of the European Finance Association, 2015 (Vienna)
Program committee: NSF/NBER/CEME Mathematical Economics Conference, 2014 (Wisconsin-Madison)
Session organizer: North American Winter Meetings of the Econometric Society, 2018 (Philadelphia, 3 sessions)
Session organizer: SAET Conference on Current Trends in Economics, 2016 (Rio)
Session organizer: SAET Conference on Current Trends in Economics, 2015 (Cambridge, 2 sessions)
Session organizer: SAET Conference on Current Trends in Economics, 2013 (Paris)
Session organizer: SAET Conference on Current Trends in Economics, 2011 (Faro, 2 sessions)

Department committees:

Recruiting (2006/7, 2009/10, 2010/11, 2015/16, 2017/18, 2018/19);
Assistant Professor Review (2013/14, 2016/17 (chair));
Faculty Prizes (2016/17);
Admissions (2011/12, 2020/21);
Undergraduate (2013/14, 2015/16);
TA Review (2006/7, 2008/9, 2009/10, 2010/11, 2019/20 (chair));
Microeconomics Prelim (2007, 2010, 2011, 2012, 2018, 2019, 2020, 2021 (chair));
Microeconomic Theory and Microeconomic Theory Lunch Coordinator (2009/10, 2016/17)

University committees:

The Office of the Vice Chancellor for Research and Graduate Education Committee (four years, completed);
Undergraduate Research Prizes (2018/19, 2019/20, 2020/21);
Graduate School Fellowships (2012/13, 2013/14)