

James Schummer

Curriculum Vitae

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Personal

U.S. citizen, married, two children.

Education

Ph.D. Economics, University of Rochester, 1997.
M.A. Economics, University of Rochester, 1995.
B.S. Finance, The Pennsylvania State University, 1992.

Employment

Associate Professor of Managerial Economics and Decision Sciences
Kellogg School of Management, Northwestern University, 2004–present.
Assistant Professor of Managerial Economics and Decision Sciences
Kellogg School of Management, Northwestern University, 1997–2004.
Graduate Teaching Fellow
University of Rochester, 1996–1997.

Service

Associate Editor, *Mathematical Social Sciences*, 2009–2020.
Advisory Editor, *Games and Economic Behavior*, 2020–present.
Director of Graduate Studies, MECS PhD program, Kellogg, 2006–present.

Grants

NSF #1534138. PFI:BIC “Smart CROwdsourced Urban Delivery (CROUD) System” (with Yu Nie (PI), Jane Lin, Amanda Stathopoulos, and Ouri Wolfson). July 2015–May 2018, ~\$1 million.

Research

Publications

- “Influencing Waiting Lists,” *Journal of Economic Theory*, 2021, **195**.
- “Revenue from Matching Platforms” (with P. Marx), *Theoretical Economics*, 2021, **16**: 799—824.
- “Sequential Preference Revelation in Incomplete Information Settings” (with R. Velez), *American Economic Journal: Microeconomics*, 2021, **13(1)**: 116–47.
- “The Role of Characterizations in Market Design” (with S. Serizawa), book chapter, *The Future of Economic Design*, Laslier et al. (eds), Springer, 2019.
- “Incentives in Landing Slot Problems” (with A. Abizade), *Journal of Economic Theory*, 2017, **170**: 29–55.
- “Assignment of Arrival Slots” (with R. V. Vohra), *American Economic Journal: Microeconomics*, 2013, **5(2)**: 164–85.
- “An Ascending Vickrey Auction for Selling Bases of a Matroid” (with S. Bikhchandani, S. de Vries, and R. V. Vohra), *Operations Research*, 2011, **59**: 400–413.
- “Credible Deviations from Signaling Equilibria” (with P. Eső), *International Journal of Game Theory*, 2009, **48**: 411–430.
- “Mechanism Design without Money” (with R. Vohra), chapter in *Algorithmic Game Theory* (eds. Nisan, Roughgarden, Tardos, Vazirani), Cambridge Univ. Press, 2007.
- “On Ascending Auctions for Heterogeneous Objects” (with S. de Vries and R. V. Vohra), *Journal of Economic Theory*, 2007, **132**: 95–118.
- “Almost-dominant Strategy Implementation: Exchange Economies,” *Games and Economic Behavior*, 2004, **48**: 154–170.
- “Bribing and Signalling in Second-Price Auctions” (with P. Eső), *Games and Economic Behavior*, 2004, **47**: 299–324.
- “Auctions for Procuring Options” (with R. Vohra), *Operations Research*, 2003, **51**: 41–51.
- “Linear Programming and Vickrey Prices” (with S. Bikhchandani, S. de Vries, and R. Vohra) in *Mathematics of the Internet: E-auction and Markets*, B. Dietrich and R. Vohra eds., Springer-Verlag, New York, 2002.
- “Strategy-proof Location on a Network” (with R. Vohra), *Journal of Economic Theory*, 2002, **104**: 405–428.
- “Constrained Egalitarianism: A New Solution for Claims Problems” (with Y. Chun and W. Thomson), *Seoul Journal of Economics*, 2001, **14**: 269–298.
- “Manipulation through Bribes,” *Journal of Economic Theory*, 2000, **91**: 180–198.
- “Eliciting Preferences to Assign Positions and Compensation,” *Games and Economic Behavior*, 2000, **30**: 293–318.
- “Strategy-proofness versus Efficiency for Small Domains of Preferences over Public Goods,” *Economic Theory*, 1999, **13**: 709–722.
- “Strategy-proofness vs. Efficiency on Restricted Domains of Exchange Economies,” *Social Choice and Welfare*, 1997, **14**: 47–56.
- “Two Derivations of the Uniform Rule and an Application to Bankruptcy,” with W. Thomson, *Economics Letters*, 1997, **55**: 333–337.

Recent Conference Presentations

First Padua Workshop on Economic Design and Institutions, Padua, Italy, 2019.

Conference of the Society for the Advancement of Economic Theory, Ischia, Italy, 2019.

INFORMS Annual Meeting, Phoenix, AZ, 2018.

Conference of the Society for the Advancement of Economic Theory, Taipei, Taiwan, 2018.

Twelfth International Conference of the Society for Social Choice and Welfare, Seoul, 2018.

Conference of the Society for the Advancement of Economic Theory, Faro, Portugal, 2017.

Advances in Mechanism Design, NYU Abu Dhabi, UAE, 2016.

Eleventh International Conference of the Society for Social Choice and Welfare, Lund, Sweden, 2016.

Referee Experience

American Economic Journal: Microeconomics; American Economic Review; Annals of Operations Research; BE Journal of Theoretical Economics; EC'13 (14th ACM Conference on Electronic Commerce); EC'16 (17th ACM Conference on Economics and Computation); Econometrica; Economic Design; Economic Theory; Games and Economic Behavior; International Economic Review; Information Processing Letters; Transactions on Intelligent Transportation Systems; International Journal of Game Theory; The Israel Science Foundation; Journal of Economic Theory; Journal of Public Economic Theory; Management Science; Mathematical Social Sciences; Mathematics of Operations Research; The National Science Foundation; Operations Research Letters; Review of Economic Design; Review of Economic Studies; Social Choice and Welfare; Symposium on Algorithmic Game Theory (SAGT) 2011.

Teaching

Selected Topics in Matching (PhD), 2014, 2015, 2020.

Managerial Economics (Executive MBA), 2008–present.

Business Analytics I (MBA), 2013–present.

Decision Making under Uncertainty (MBA), 2010–2012.

Pricing Strategies (MBA), 2010–2011, 2014–2015.

Mathematical Methods for Management Decisions (MBA), 1997–2008.

Game Theory (undergraduate), 1997.

Math Review Camp (Ph.D.), 1996.

Game Theory and Social Choice (undergraduate), 1995.

Ph.D. Students

Sidhartha Gordon, 2004 (advisor)

Shiran Rachmilevitch, 2011 (co-advisor)

Edwin Munoz-Rodriguez, 2021 (co-advisor)

Disclosures of Conflict of Interest

None.

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