James Schummer

Curriculum Vitae

MEDS Department
Kellogg School of Management
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Personal

Married, two children.

U.S. citizen.

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.

Editorial Positions

Associate Editor, Mathematical Social Sciences, 2009–present.

Research

Publications

"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.

Work in Progress

"Incentives in Landing Slot Problems" (with A. Abizade), under review.

"Voting with Money" (with R. V. Vohra).

"Strategy-proof Rules for Reassigning Time Slots" (with S. Serizawa).

"Compensating Team Members under Multiple Tasks" (with F. Maniquet).

"Competing Sellers with Bidder Arrival Uncertainty" (with F. Maniquet).

Conference Presentations (last five years)

SED Conference on Economic Design, Lund, Sweden 2013.

Conference Francqui–The design of economic and political institutions, Brussels, 2013.

Workshop on Social Choice and Public Economics, Princeton, 2013.

Fourth World Congress of the Game Theory Society, Istanbul, 2012.

31st Arne Ryde Symposium: Economic Theory and Applications, Malaga, 2012.

Society for Economic Design Conference, Montreal, 2011

Third Trans-Atlantic Theory Workshop, Oxford, 2010

Far East and South Asia Meeting of the Econometric Society, Tokyo, 2009.

Summer Micro Workshop, Osaka University, 2009.

Refereeing Experience

American Economic Journal: Microeconomics; *American Economic Review*; *Annals of Operations Research*; *BE Journal of Theoretical Economics*; *Econometrica*; *Economic Design*; *Economic Theory*; *Games and Economic Behavior*; *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* (Associate Editor); *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; 14th ACM Conference on Electronic Commerce (EC'13).

Courses Taught

Business Analytics I (Kellogg MBA), 2013–present.

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

Pricing Strategies (Kellogg MBA), 2010–2011.

Managerial Economics (Kellogg Executive MBA), 2008–present.

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

Advanced Mathematical Methods (Kellogg MBA), 1998.

Game Theory (Rochester undergraduate), 1997.

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

Game Theory and Social Choice (Rochester undergraduate), 1995.

Teaching Award

Kellogg Chair's Core Course Teaching Award, 2000.

Ph.D. Students

Sidhartha Gordon, 2004 (advisor; placement: Université de Montreal)

Shiran Rachmilevitch, 2011 (co-advisor; placement: University of Haifa)

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