

VITA
Daniel E. Houser
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Personal Data

Home Address
5507 De Soto St.
Burke, VA. 22015

Citizenship: U.S.A.

Contact Numbers
Home: (703) 978 - 3932
Office: (703) 993 - 4856
E-mail: dhouser@gmu.edu
<http://mason.gmu.edu/~dhouser>

Education

Degree	Field	Institution	Year
Ph.D.	Economics	University of Minnesota	1998
B.A.	Economics, Mathematics	University of Wisconsin at Madison	1989

Employment

Fall, 2002 - present Associate Professor (with tenure), Interdisciplinary Center for Economic Science and Department of Economics, George Mason University
Spring, 2004- Present Associate Professor of Computational Sciences and Informatics, George Mason University
Spring, 2003- Summer, 2004 Special Volunteer, National Institute of Neurological Disorder and Stroke, National Institutes of Health
Fall, 2002 Associate Professor (with tenure), Department of Economics, University of Arizona
1998 – 2002 Assistant Professor, Department of Economics, University of Arizona

Current Faculty Appointments

Interdisciplinary Center for Economic Science (http://ices.gmu.edu/people_index.php)
Department of Economics (<http://www.gmu.edu/departments/economics/faculty.html>)
Center for Study of Public Choice (<http://www.gmu.edu/centers/publicchoice/faculty.html>)
Center for Study of Neuroeconomics (<http://www.neuroeconomics.net/category.php/57.html>)
School of Computational Sciences (http://scs.gmu.edu/Members_new.html)

Research Interests

Experimental Statistics and Methods, Emotion and Individual Differences, Political Economy

Editorial Service

2005-present Associate Editor, Journal of Economic Behavior and Organization
2001-present Editor, experimental issues of NEP working paper archive.

Other Service

2004, 2005 Member, Economics Faculty Evaluation Committee, George Mason University
2003 Member, Committee on the Economics Curriculum, George Mason University
2002-present Chair, Vernon Smith Award committee
2002-present Director, ICES faculty workshops, George Mason University
2002-present Director, IFREE Lecture Series at ICES, George Mason University
2001, 2002 Member, Economics faculty recruiting committee, University of Arizona
2000, 2001 Member, committee on undergraduate instruction, University of Arizona

NSF Support

- 2004-2006: SES-0339181 (Enhancing human economic performance)
- 2003: REU-0127944 (Research experience for undergraduates)
- 2003: TESS-118 (Phone surveys on trust)
- 2002- 2005: SES-0129744 (Brain function and economic decision making)

Other Research Support

- 2005 Visiting scholar, University of Munich (LMU)
- 2005 Earhart Foundation research grant (trust and money)
- 2005 ICES summer research grant
- 2005 Public choice center summer research grant
- 2005 Consortium Research Fellow, ARI
- 2004 Visiting scholar, University of Mannheim (Summer)
- 2004 Mercatus Center research grant
- 2004 Consortium Research Fellow, ARI
- 2003 CIP Grant (with ICES colleagues)
- 2003 Consortium Research Fellow, ARI
- 2003 IFREE research grants S0503, S0603, S0703, S0803
- 2003 Critical Infrastructure Project Grant (with many ICES colleagues)
- 2003 Mercatus Center research grant
- 2002 University of Arizona Foundation Summer Research Grant (declined)
- 2002 Cowles Foundation Research Grant (with Michael Keane)
- 2002 Mercatus Center research grant
- 2001 Program for Study of Technology, Public Policy, and Markets (with J. Wooders)
- 2001 University of Arizona Foundation Summer Research Grant
- 2001 Gloria Olson Fellow, International Foundation for Research in Experimental Economics.
- 2000 JLDK, Inc, e-commerce research grant (with Bart Wilson)
- 2000 University of Arizona Foundation Summer Research Grant
- 2000 Visiting Fellow, University of Mannheim (Summer)
- 2000 Russell Sage Foundation Behavioral Economics Small Grant
- 2000 Russell Sage Foundation grant (with K. McCabe and V. Smith.)
- 1999 Gloria Olson Fellow, International Foundation for Research in Experimental Economics.
- 1999 C.V. Starr Center for Applied Economics small grant (with M. Keane and K. McCabe.)
- 1999 First Boston/Credit Suisse research grant (with K. McCabe and B. Wilson.)
- 1999 University of Arizona Foundation Summer Research Grant
- 1999 University of Arizona Foundation small research grant
- 1999 University of Arizona small research grant.
- 1998 University of Arizona Foundation Summer Research Grant
- 1997 U of Minnesota Supercomputer Institute research grant. (With Michael Keane)
- 1997 U of Minnesota Supercomputer Institute research grant. (With Yuichi Kitamura)

Media coverage includes:

The Economist (Jan 20, 2005, lead article in Science and Technology, 75-76), *New Scientist* (Jan 19, 2005), *The Guardian* (Jan 20, 2005), WTOP radio (Jan 25, 2005 morning drive in DC area).

Refereed Publications

- Forthcoming. "Reputation in auctions: Theory, and evidence from eBay," with John Wooders. *Journal of Economics and Management Strategy*.
- Forthcoming. "Disposition, History and Contributions in a Public Goods Experiment," with Anna Gunnthorsdottir and Kevin McCabe. *Journal of Economic Behavior and Organization*.
- 2005 "Identifying individual differences: An algorithm with application to Phineas Gage," with Antoine Bechara, Michael Keane, Kevin McCabe and Vernon Smith. *Games and Economic Behavior*, 52, 373-355.
- 2005 "Emotion expression in human punishment behavior," with Erte Xiao. *Proceedings of the National Academy of Sciences of the United States of America*, 102(20), 7398-7401. Reprinted in *Advances in Cognitive Economics*, Boicho Kokinov (Ed.), New Bulgarian University Press, Bulgaria.
- 2005 "Experiments investigating cooperative types in human groups: A complement to evolutionary theory and simulations," with Robert Kurzban. *Proceedings of the National Academy of Sciences of the United States of America*, 102(5), 1803-1807. (Featured in *The Economist*, Jan. 22, 2005, 75-76.)
- 2005 "Measuring Trust and Trustworthiness," with Jonathan Leland and Jason Schachat. In Hans-Hermann Höhmann and Friederike Welter (eds.) *Trust and Entrepreneurship: A West-East Perspective*. Edward Elgar, 87-96.
- 2005 "Hard and soft closes: A field experiment on auction closing rules," with John Wooders. In R. Zwick and A. Rapoport (eds.) *Experimental Business Research*, Vol. II. Kluwer Academic Publishers, 279-287.
- 2004 "Behavior in a dynamic decision problem: An analysis of experimental evidence using a Bayesian type classification algorithm," with Michael Keane and Kevin McCabe. *Econometrica*, 72:3 (May), 781-822.
- 2004 "How do behavioral assumptions affect structural inference? Evidence from the laboratory," with Joachim Winter. *Journal of Business and Economic Statistics*, 22:1, 64-79.
- 2004 "Discussion: Cultural group selection, coevolutionary processes and large-scale cooperation (by Joseph Henrich)" with Kevin McCabe and Vernon Smith. *Journal of Economic Behavior and Organization*. January, 53, 85-88.
- 2003 "Simulation based inference for dynamic multinomial choice models," with John Geweke and Michael Keane, in B. Baltagi (ed.), *Companion to Theoretical Econometrics*, Blackwell Publishers Limited. (Paperback.) 466-493.
- 2003 "Classification of Types of Dynamic Decision Makers," in Nadel, L. (ed.), *Encyclopedia of Cognitive Science*, Vol. 1, Nature Publishing Group, London. 1020-1026.

- 2003 "Bayesian Analysis of a Dynamic Stochastic Model of Labor Supply and Saving." *Journal of Econometrics*. April, 113:2, 289-335.
- 2002 "Revisiting Kindness and Confusion in Public Goods Experiments," with Robert Kurzban. *American Economic Review*. September, **92**:4, 1062-1069.
- 2001 "Economic Consequences of Political Approval Management in Comparative Perspective," with John Freeman. *Journal of Comparative Economics*. **29**:4, December, 692-721.
- 2001 "A functional imaging study of cooperation in two-person reciprocal exchange," with Kevin McCabe, Lee Ryan, Vernon Smith and Theodore Trouard. *Proceedings of the National Academy of Science*. **98**:20, September. 11832-11835.
- 2001 "Simulation based inference for dynamic multinomial choice models," with John Geweke and Michael Keane, in B. Baltagi (ed.), Companion to Theoretical Econometrics, Blackwell Publishers Limited. 466-493.
- 2001 "Individual Differences in Cooperation in a Circular Public Goods Game," with Robert Kurzban. *European Journal of Personality*. **15**, 37-52.
- 1998 "Long-memored processes, unit roots and causal inference," with John Freeman, Paul Kellstedt and John Williams. *American Journal of Political Science*, **42**:4. 1289-1320.
- 1998 "A Computable General Equilibrium Model for the Study of Political Economy," with John Freeman. *American Journal of Political Science*. **42**:2 628-660.

Book Review

- 2005 Decisions, Uncertainty and the Brain: The Science of Neuroeconomics, by Paul W. Glimcher. *Journal of Economic Behavior and Organization*, **56**:3, 444-447.

Selected Working Papers

"When punishment fails: Research on sanctions, intentions and non-cooperation," with Erte Xiao, Kevin McCabe and Vernon Smith. (Revise and Resubmit, *Games and Economic Behavior*.)

"Three parts natural, seven parts man made: Bayesian Analysis of China's Great Leap Forward Demographic Disaster" with Barbara Sands and Erte Xiao.

"Selling favors in the lab: Experiments on campaign finance reform," with Thomas Stratmann.

"Public Choice Issues in Collective Action: Global Warming Treaty Negotiation and Compliance," with Joe Bial and Gary Libecap.

Referee for:

Nature, National Science Foundation, Proceedings of the National Academy of Sciences of the United States of America, American Economic Review, Review of Economics and Statistics, Journal of Business and Economic Statistics, Advances in Econometrics, Management Science, Games and Economic Behavior, RAND Journal of Economics, Public Choice, Journal of Economic Behavior and Organization, International Economic Review, International Review of Law & Economics, Journal of Comparative Economics, Experimental Economics, Canadian Journal of Economics, Economic Inquiry, Journal of Public Economics, Journal of Economic Education, Journal of Institutional Economics, Optimal Control: Application and Methods, Journal of Public Economic Theory, Southern Economic Journal, Review of Law & Economics, Review of Austrian Economics, International Conference on Information Systems, Goldwater Institute.

Doctoral Dissertation Committees

Roelant Verbeek (1998), Sule Balkan (1999), Rebecca Holmes (2000), Mary Rigdon (2000, 2001), Supriya Sarnikar (2000), Francesco Renna (2000), Zeynep K. Hansen (2000), Nagla'a El-Hodiri (2000), Ryan Johnson (2001), Roumen Vragov (2001), Vladimira Ilieva (2001), Christine Polek (2002, 2004), Murat Aslan (2003, 2004), Erte Xiao(2004)

Major Advisor for:

Murat Aslan (Ph.D. 2004)
Erte Xiao (current)

Invited Summer School Lectures on Experimental/Cognitive/Behavioral Economics and/or Statistics

1997-2000	University of Arizona
2000	Purdue University
2001-2005	George Mason University
2004-2005	University of Mannheim
2005	New Bulgarian University at Sofia

Invited Presentations and Conferences

“Publicly implemented weak sanctions promote cooperation.” Invited session presentation. Southern Economic Association Meetings, Washington DC, November, 2005.

“Temptation and Commitment in the Lab.” Invited session presentation. Southern Economic Association Meetings, Washington DC, November, 2005.

“Emotion and individual differences.” Southern Economic Association Meetings, Washington DC, November, 2005.

“Roundtable on the Economics of Internet Auctions.” Invited. Federal Trade Commission, Bureau of Economics, Washington DC, October, 2005.

“Selling favors in the lab: Experiments on campaign finance reform,” Invited. CIRANO conference on experimental economics and policy, Ottawa, October, 2005.

“Emotion expression in human punishment behavior.” Invited. Baylor College of Medicine, October, 2005.

“Emotion expression in human punishment behavior.” Invited. World Congress of the Econometric Society. University College London, August, 2005.

“When punishment fails: Research on sanctions, intentions and non-cooperation.” World Congress of the Econometric Society. University College London, August, 2005.

“Emotions and individual differences.” Invited, Summer school in cognitive economics, New Bulgarian University, Sofia, Bulgaria. August, 2005.

“Emotion expression in human punishment behavior.” Invited, Conference on Cognitive Economics at the New Bulgarian University, Sofia, Bulgaria. August, 2005.

“Emotions and individual differences.” Invited, ICES workshop in experimental economics. George Mason University. August, 2005.

“Sanctions and Preventing Market Failure.” Invited, Mannheim Empirical Research Summer School, University of Mannheim. July, 2005

“Trust and Markets.” Invited, Mannheim Empirical Research Summer School, University of Mannheim. July, 2005

“Neuroeconomics.” Invited, Mannheim Empirical Research Summer School, University of Mannheim. July, 2005

“Individual Decision Making.” Invited, Mannheim Empirical Research Summer School, University of Mannheim. July, 2005

“When punishment fails: Research on sanctions, intentions and non-cooperation.” Invited. University of Munich, June, 2005.

“When punishment fails: Research on sanctions, intentions and non-cooperation.” Plenary session, Conference on Psychology and Economics. (Joint with summer school on psychology and economics.) Toulouse, June, 2005.

“A phone survey experiment on trust.” Invited. NSF TESS conference. Penn, June, 2005.

“Econometrics and experiments on individual differences and emotion.” Invited. Caltech, April, 2005.

“Econometrics of Individual Differences.” Invited. University of Montreal, April, 2005

“Selling favors in the lab: Experiments on campaign finance reform.” MPSA meetings, Chicago, April, 2005.

“Econometrics and Experimental Economics.” Invited. Princeton University, March, 2005.

“Selling favors in the lab: Experiments on campaign finance reform.” SEA meetings, New Orleans, November, 2004.

“Individual Differences in a Sequential Public Goods Game: A Complement to Evolutionary Theory and Simulations.” Invited, Southern Economic Association meetings, New Orleans, November, 2004.

“Constructivist and Ecological Rationality.” Invited. Society for the Advance of Austrian Economics, November, 2004.

“Experimental Methods for Investigating Individual Differences.” Invited, International Foundation for Research in Experimental Economics, Virginia, August, 2004

“When Sanctions Fail: Research on Sanctions, Intentions and Cooperation.” Invited. Max Planck Institute, Bonn, Germany. July, 2004

“Sanctions and Preventing Market Failure.” Invited, Mannheim Empirical Research Summer School, University of Mannheim. June, 2004

“Trust and Markets.” Invited, Mannheim Empirical Research Summer School, University of Mannheim. June, 2004

“Individual Differences.” Invited, Mannheim Empirical Research Summer School, University of Mannheim. June, 2004

“Individual Decision Making.” Invited, Mannheim Empirical Research Summer School, University of Mannheim. June, 2004

“Cooperation and the Right to Organize.” Invited, Public Choice Center Outreach Conference, George Mason University, June, 2004.

“Economics and experiments.” Invited, IHS sponsored retreat for members of the Congressional Black Caucus and NAACP, May, 2004.

“Sanctions, Intentions and Cooperation.” Invited, Vassar College, New York, April, 2004.

“Trust, Reputation and Markets.” Invited, Smeal College of Business, Pennsylvania State University. March, 2004.

“Selling Favors in the Lab: Experiments on Campaign Finance Reform,” Public Choice Meetings, Baltimore, March, 2004.

“Conditional Cooperation and Group Dynamics: Evidence from a Sequential Public Goods Experiment.” Southern Economic Association Meetings, San Antonio, November, 2003.

“Trust, Reputation and Markets.” Southern Economic Association meetings, San Antonio, November, 2003.

“Working for self and others: Experiments on the nature of altruism.” Invited, George Washington University, October, 2003.

“Informal Ethics in Experimental Economics.” Invited, Summer Institute for the Preservation of the Study of the History of Economics, George Mason University. July, 2003.

“Bayesian Mixture Models for the Analysis of Functional Imaging Experiments.” Summer Meetings of the Econometric Society, Northwestern University. June, 2003.

“Cooperation and the Right to Organize.” Invited, Public Choice Center Outreach Conference, George Mason University, June, 2003.

“Conditional cooperation and group dynamics: Evidence from the laboratory.” Invited, Board of Directors, International Foundation for Research in Experimental Economics, Arlington, VA. May, 2003.

“Reputation and Trust in a Bargaining Experiment.” Invited, First Interdisciplinary Symposium on Online Reputation Mechanisms, Sloan School of Management, MIT, Boston, April, 2003.

“How do behavioral assumptions affect structural inference? Evidence from a laboratory experiment.” Invited lecture, Board of Governors of the Federal Reserve System, Washington, D.C., April, 2003.

“Conditional cooperation and group dynamics: Evidence from the laboratory.” Invited lecture, Virginia Commonwealth University, November, 2002.

“Behavior in a dynamic decision problem: An analysis of experimental evidence using a Bayesian type classification algorithm.” Invited, DePaul University, November, 2002.

“Decision making by humans with prefrontal cortex damage: An empirical model of Phineas Gage.” University of Minnesota conference on Neuroeconomics, October, 2002

“Decision making by humans with prefrontal cortex damage: An empirical model of Phineas Gage.” IFREE graduate student workshop, George Mason University, August, 2002

“Conditional cooperation and group dynamics: Evidence from the laboratory.” International meetings of the Economic Science Association, Harvard University, June, 2002.

“How do people actually solve dynamic decision problems.” International meetings of the Economic Science Association, Harvard University, June, 2002.

“Decision making by humans with prefrontal cortex damage: An empirical model of Phineas Gage.” Presented to the IFREE Board of Directors, Arlington, VA. May, 2002

“Individual differences and group dynamics: Evidence from a public goods experiment.” ESA at Public Choice, San Diego, March, 2002.

“How do people actually solve dynamic decision problems.” Regional meetings of the Economic Science Association, November, 2001.

“A functional imaging study of cooperation in two-person reciprocal exchange,” New York University, October, 2001.

“A functional imaging study of cooperation in two-person reciprocal exchange,” Stanford Institute for Theoretical Economics, Stanford University, August, 2001.

“How do people actually solve dynamic decision problems.” IFREE young faculty workshop, George Mason University, July, 2001.

“Excluding free riders improves reciprocity and promotes the private provision of public goods.” IFREE young faculty workshop, George Mason University, July, 2001.

“Heuristics and time preference in a price search experiment,” North American Meetings of the Econometric Society, June, 2001.

“Reputation in Auctions: Theory, and Evidence from eBay,” North American Meetings of the Econometric Society, June, 2001.

“Economic Consequences of Political Approval Management in Comparative Perspective.” Colloquium on Liberty and Hierarchy, Utah State University. June, 2001.

“A functional imaging study of theory of mind in two-person reciprocal exchange,” Mini-conference on Information, Market, and Neuronal Structures, University of Minnesota, May, 2001.

“How do people actually solve dynamic decision problems?” Presentation to IFREE Board of Directors, March, 2001.

“How do people actually solve dynamic decision problems?” New York University, March, 2001.

“Excluding free riders improves reciprocity and promotes the private provision of public goods.” Department of Economics, IFREE Young Faculty Workshop, Purdue University, March, 2001.

“Time preference and heuristics in a price search experiment,” George Mason University, March, 2001.

“Time preference and heuristics in a price search experiment,” University of Arizona, February, 2001.

“A functional imaging study of theory of mind in two-person reciprocal exchange,” Princeton University, December, 2000.

“A functional imaging study of theory of mind in two-person reciprocal exchange,” University of Arizona, November, 2000.

“Individual differences in cooperation in a circular public goods experiment,” Economic Science Association meetings, Tucson, September, 2000.

“Time preference and heuristics in a price search experiment,” Economic Science Association, Tucson, September, 2000.

“Time preference and heuristics in a price search experiment,” Department of Economics, Purdue University, September, 2000.

“Excluding free riders improves reciprocity and promotes the private provision of public goods.” Department of Economics, Purdue University, September, 2000.

“Design and analysis of fMRI experiments.” University Hospital, University of Arizona, September, 2000.

“Discount rates and heuristics in experimental price search .” University of Arizona, September, 2000.

“Excluding free riders improves reciprocity and promotes the private provision of public goods.” Department of Economics, University of Mannheim, August, 2000.

“Excluding free riders improves reciprocity and promotes the private provision of public goods.” Economic Science Association, New York, June, 2000.

“Predicting heuristics: Discount rates and rules-of-thumb in experimental price search.” University of Arizona, April, 2000.

“Heterogeneous decision rules in experimental dynamic decision problems.” University of Arizona, Economic Science Laboratory Brown Bag Seminar. November, 1999.

“How many deaths? Quantifying national policy effects on China’s great leap forward demographic crisis.” University of Arizona applied econometrics workshop. December, 1999.

“Heterogeneous decision rules in experimental dynamic decision problems.” University of Arizona applied econometrics workshop. November, 1999.

“Simulation based inference for dynamic multinomial choice models.” Invited. Arizona State University, November, 1999.

“Revisiting Confusion in Public Goods Experiments.” Economic Science Laboratory, University of Arizona. May, 1999.

“Information and Decisions in Optimal Stopping Problems.” Economic Science Laboratory, University of Arizona. April, 1999.

“Simulation Estimation for Dynamic Multinomial Choice Models.” Department of Economics, University of Arizona. December, 1998.

“Bayesian Analysis of a Dynamic Stochastic Model of Labor Supply and Saving.” Society for Computational Economics, Cambridge, UK. June, 1998.

“Economic Consequences of Approval Management in Comparative Perspective,” Invited Lecture, Lippencott symposium on Political Economy, University of Minnesota. May, 1998.

“Economic Consequences of Approval Management in Comparative Perspective.” Department of Economics, University of Arizona. April, 1998.