

# Curriculum Vitae

## Ekaterina V. Sherstyuk

OFFICE: Department of Economics  
University of Hawaii at Manoa  
2424 Maile Way, Room 542B  
Honolulu, HI 96822  
USA  
phone (808)-956-7851  
fax (808)- 956-4347  
email: [katyas@hawaii.edu](mailto:katyas@hawaii.edu)  
web: <http://www2.hawaii.edu/~katyas/>

### EDUCATION

Ph.D. Social Sciences, 1995, California Institute of Technology, USA  
M.S. Social Sciences, 1993, California Institute of Technology, USA  
B.S. Economics, 1989, Novosibirsk State University, Russia

### EMPLOYMENT

Professor, Department of Economics, University of Hawaii, August 2013 – present  
Associate Professor, Department of Economics, University of Hawaii, August 2001 – July 2013  
Assistant Professor, Department of Economics, University of Hawaii, August 2000 – July 2001  
Senior Lecturer (Associate Professor equivalent), Department of Economics,  
University of Melbourne February 2000 – March 2001  
Lecturer level B (Assistant Professor equivalent), Department of Economics,  
University of Melbourne November 1994 – January 2000

### FIELDS OF SPECIALIZATION

Experimental Economics, Game Theory, Mechanism Design

### RESEARCH PAPERS

#### Publications in refereed journals

Multiunit Auctions, with Anthony M. Kwasnica. 2013. Journal of Economic Surveys, 27(3): 461 - 490.

Payment Schemes in Infinte-Horizon Experimental Games, with Nori Tarui and Tatsuyoshi Saijo. 2013. Experimental Economics, 16: 125 - 153.

Demand Shocks, Capacity Coordination and Industry Performance: Lessons from the Economic Laboratory, with Kyle Hampton. 2012. Rand Journal of Economics, 43(1): 139 - 166.

Auction complexity and bidder behavior in iterative adjustment processes, 2011. Economics Bulletin, 31(4): 2769-2776.

An Experimental Test of the Two-Party System under Alternative Voting Procedures, with Arnaud Dellis and Sean D'Evelyn, 2011. Social Choice and Welfare, 37: 171 - 200.

A comparison of first price multi-object auctions, 2009. Experimental Economics, vol. 12, no. 1, pp. 42-64.

Market performance and collusion in sequential and simultaneous multi-object auctions: Evidence from an ascending auctions experiment, with Jeremy Dulatre, 2008, International Journal of Industrial Organization, 26: 557 - 572.

Collusion and equilibrium selection in auctions, with Anthony Kwasnica, 2007, The Economic Journal, 117 (January): 120-145.

Labor market effects of employer-provided health Insurance, with Yoav Wachsman and Gerard Russo, 2007, Economic Inquiry, 45(3): 538-556.

Rat races and glass ceilings, with Peter Bardsley, 2006, Topics in Theoretical Economics: Vol. 6 : Iss. 1, Article 13.

On competitive equilibria with common complementarities, 2003, Mathematical Social Sciences, 46(1): 55-62.

Altruism and voluntary provision of public goods, with L. Ma, M. Dowling and O. Hill, 2002, Economics Bulletin 3(31): 1-8.

Collusion in private value ascending price auctions, 2002, Journal of Economic Behavior and Organization 48(2): 177-195.

Performance standards and incentive pay in agency contracts, 2000, Scandinavian Journal of Economics 102(4): 725-736.

Spatial competition with three firms: An experimental study, with Richard Collins, 2000, Economic Inquiry 38(1): 73-94.

Multisided matching games with complementarities, 1999, International Journal of Game Theory 28(4): 489-509.

Multiproject team assignments, 1999, Review of Economic Design 4(3): 231-254.

Team selection with asymmetric agents, 1999, Journal of Economic Behavior and Organization 38(4): 421-452.

Collusion without conspiracy: An experimental study of one-sided auctions, 1999, Experimental Economics 2(1): 59-75.

Efficiency in partnership structures, 1998, Journal of Economic Behavior and Organization 36(3): 329-344.

How to gerrymander: A formal analysis, 1998, Public Choice 95: 27-49.

### **Book chapters**

Some results on anti-competitive behavior in multi-unit ascending price auctions. In: C.R. Plott and V.L. Smith, editors, Handbook of Experimental Economics Results, Volume 1. Amsterdam: North-Holland, 2008, pp. 185-198.

## **Working papers and work in progress**

Intergenerational Games with Dynamic Externalities and Climate Change Experiments, with Tarui, N., Ravago, M.-L., and Tatsuyoshi Saijo. University of Hawaii Department of Economics working paper 13-20. Under revision.

Health Insurance and the Labor Market with Wage Rigidities: Insights from a Laboratory Experiment, with Dorj, D. and G. Russo. University of Hawaii Department of Economics working paper 14-27. Under revision.

Bidding with Money or Action Plans? Asset Allocation under Strategic Uncertainty. With Nina Karmanskaya and Pavel Teslia. In preparation.

Facebook-to-Facebook: Online Communication and Economic Cooperation. With John Lynham and Anna Lou Abatayo. In preparation.

Other-regarding behavior under collective action, with Tarui, N., Podor, M., Vilorio, J., and T. Saijo. University of Hawaii Department of Economics working paper 14-4.

Cultural Values and Behavior in Dictator, Ultimatum Bargaining and Trust Games, with Chai, S.-K., Dorj, D. University of Hawaii Department of Economics working paper 11-6.

Group Identity, Ethnic Conflict and Social Preferences: Evidence from Field Experiments in the Philippines, with Catherine Eckel, Rick Wilson, D. Gundaya, Chai, S.-K. In preparation.

Playing Both Roles: Role Reversal Effects and Culture in Simple Games, with Dorj, D., and Chai, S.-K.

## **Book reviews**

The handbook of experimental economics by Kagel and Roth (eds.), 1996, The Economic Record 72: 87-88 (book review).

On voting: A public choice approach by G. Tullock, 1998, The Economic Record 74: 421-422 (book review).

## **CONFERENCE AND SEMINAR PRESENTATIONS**

“Auctions or Contests? Allocating the right to play a coordination Game.” presented at the 2014 Economic Science Association International Meetings, Honolulu, Hawaii, June 2014, and North-American ESA Regional Meetings October 2014, Florida.

“Facebook-to-Facebook: Online Communication and Economic Cooperation,” presented at the 2013 Economic Science Association International Meetings, Zurich, Switzerland, July 2013.

“Inter-Generational Games with Dynamic Externalities,” presented at the 2012 Economic Science Association International Meetings, New York, June 2012.

“Group Identity, Ethnic Conflict and Social Preferences: Evidence from Field Experiments in the Philippines,” presented at the Economic Science Association North-American Meetings, Tucson, AZ, November 2011.

“Other-regarding behavior under collective action,” presented at the Economic Science Association International Meetings, Chicago, IL, July 2011; Institutions in Context: The Welfare State Workshop, University of Tampere, Finland, June 2011 (invited); and University of Michigan School of Information, July 2011.

“Games with Dynamic Externalities and climate Change,” presented at the Economic Science Association International Meetings, Pasadena, California, June 2008; Novosibirsk State University, Novosibirsk, Russia, January 2009; Economic Games and Mechanisms to Address Climate Change conference, UC Berkeley, California, May 2009; Rationality, Behavior and Experiments III International Workshop, Moscow, Russia, June 2009.

“The Two-Party System under Alternative Voting Procedures,” presented at the Economic Science Association World Meetings, Rome, June 2007; the ESA North American Regional Meetings in Tucson, Arizona, October 2007; the Social Choice and Welfare Meetings, Montreal, June 2008.

“Demand Shocks, Capacity Coordination and Industry Performance: Lessons from the Economic Laboratory,” presented at the Economic Science Association World Meetings, Rome, June 2007, and Western Economic Association International Meetings, Honolulu, July 2008.

“Auction format and bidder collusion in multi-object ascending price auctions,” presented at the Economic Science Association International Annual Meetings, Atlanta, June 2006.

“Health insurance and the labor market with wage rigidities: Insights from experiments,” presented at the Economic Science Association International Annual Meetings, Montreal, June 2005.

“Labor market effects of employer-provided health insurance,” presented at the Economic Science Association Annual Meetings, Pittsburgh, June 2003, and the ESA Regional Meetings, Tucson, Arizona, October 2003.

“Using auctions to allocate resources,” presented at Hawaii Economic Association Annual Meeting, Honolulu, April 2003.

“A Comparison of Multi-object Auction Formats,” presented at the 2002 Economic Science Association Annual Meetings, Boston, June 2002.

“Auction format and bidder collusion in multi-object ascending price auctions” (with Jeremy Dulatre), presented at the 2001 Regional Meeting of Economic Science Association, Tucson, Arizona, November 2001.

“Collusion via signaling in multi-unit auctions with synergies” (with Anthony Kwasnica), presented at the 2000 Economic Science Association Annual meetings, New York, June 2000.

“Altruism and voluntary provision of public goods” (with L. Ma, M. Dowling and O. Hill), presented at the 2000 Economic Science Association Annual meetings, New York, June 2000.

“Career paths in organizations” (with Peter Bardsley), presented at the 1999 NSF/NBER Decentralization Conference, New York, April 1999.

“Collusion in private value ascending price auctions,” presented at the International Symposium on New Developments in Experimental Economics, Osaka, Japan, March 1999, and the ESA 1999 Annual Meetings, Lake Tahoe, Nevada, May 1999.

“Spatial competition with three firms: An experimental study” (with Richard Collins), presented at the Public Choice and ESA Meetings, New Orleans, March 1999.

“Collusion without conspiracy: An experimental study of one-sided auctions,” presented at the Economic Science Association Annual Meetings, Mannheim, Germany, June 1998, and the Australian Economic Theory workshop, Canberra, Australia, February 1998.

“Multisided matching games,” presented at the Australian Economic Theory workshop, Wollongong, Australia, February 1997.

“Efficiency in partnership structures,” presented at the Australian Economic Theory workshop, Melbourne, February 1996, and Australasian Econometric Society Meetings, Melbourne, Australia, July 1997.

“Bipartisan gerrymander and political geography,” presented at the Graduation workshop, California Institute of Technology, USA, June 1995.

“The formation of multiple teams,” presented at the North American Econometric Society Summer Meetings, Quebec City, June 1994; and Australian Economic Theory workshop, Canberra, Australia, February 1995.

“How to gerrymander: A formal analysis,” presented at the 1994 Allied Social Science Association Meetings, Boston, January 1994.

“Firing in non-repeated incentive contracts,” presented at the Public Choice Society Meetings, New Orleans, March 1993.

Seminar presentations at the University of Michigan, University of Melbourne (Australia), University of Hawaii, California Institute of Technology, Florida State University, Novosibirsk State University (Russia), Australian National University, the University of Sydney, the University of New South Wales, Flinders University (Australia).

## RESEARCH GRANTS

Technologies and market design: an experimental investigation. Russian Federation Ministry of Education and Science federal program on “Innovative Methods in Research and Education,” Principal Investigator. \$100,000. June 2012 - December 2013

Facebook-to-Facebook: Online Communication and Economic Cooperation (with John Lynham). Technology, Innovation and Society Small Grant, University of Hawaii. \$20,000. September 2012 - September 2013

Other-regarding behavior, generosity and implications for dynamic collective action problems. University of Hawaii College of Social Sciences Research Support Grant (with N. Tarui). \$7,300. January 1, 2009 - December 31, 2009

The Coherence Based Modeling of Cultural Change and Political Violence Project. Air Force Office of Scientific Research (AFOSR) grant. Principal Investigator: Sun-Ki Chai. (Investigator: Katerina Sherstyuk.) \$1,611,416.

February 1, 2007 – November 30, 2009

Whether Duverger’s Law: An Experiment University of Hawaii College of Social Sciences Research Support Grant (with A. Dellis). \$10,000. 2006 - 2007

Hawaii Coverage for All. US Department of Health and Human Services, Health Resources and Services Administration, Hawaii State Department of Health, State Planning Grant Program

and Limited Competition Con- tinuation Grants., Principal Investigator: Gerard Russo. (Inves- tigator: Katerina Sherstyuk.) \$862,676.

July 1, 2002 - August 31, 2006

Using technologies to design new markets. University of Hawaii Foundation New Economy Re- search Grant. Principal investigator: Katerina Sherstyuk. \$10,000. 2000-2001

Australian Research Council Large Grant (with P. Bardsley and C. Hyde), A\$180,000 1998-2000

Australian Research Council Small Grant, A\$9,000 1999

Australian Research Council Small Grant, A\$8,000 1996

Melbourne University Faculty of Economics and Commerce Research Grant A\$8,000 1995

Melbourne University Special Initiative Grant, A\$7,000 1995

## PHD ADVISING

Anna Lou Ababtayo (committee co-chair), PhD expected Summer 2015.

Kohei Nitta, PhD 2014.

Current position: Post-doctoral researcher, University of Erlangen-Nuremberg, Germany.  
Melinda Podor (committee member), PhD 2012.

Current position: Research scientist, California Department of Public Health.  
Olga Bogach (PhD dissertation chapter advising), PhD 2012.

Current position: Assistant Professor, Birgham Young University.  
Sean D'Evelyn (committee co-chair), PhD 2011.

Current Position: Assistant Professor, Loyola Marymount University.  
Dolgorsuren Dorj (committee chair), PhD, 2010.

Current Position: Associate Professor, Academy of Management, Mongolia.  
Kimberly Burnett (committee member), PhD, 2007.

Current position: University of Hawaii Research Organization.  
Tomomi Tanaka (committee chair), PhD, 2004.

Current position: President, Economic Development and Global Education, LLC.  
Lan Chen (committee member), PhD, 2004.

Current position: Soka University of America, Los Angeles.  
Basharat A. Pitafi (committee member), PhD, 2004.

Current position: Assistant Professor, Southern Illinois University.  
Naotaka Sawada (committee member), PhD, 2004.

Current position: World Bank.

Yoav Wacshman (committee chair), PhD, 2003.

Current position: Associate Professor, Coastal Carolina University.

## TEACHING EXPERIENCE

Microeconomic Theory II (Master's/PhD) 1999–present

Game theory and Experimental Economics (Master's/PhD) 2000–present

Games and Economic Behavior (undergraduate) 2003–present

Intermediate Microeconomics (undergraduate) 2000–present

Economics of Information and Mechanism Design (Master's/PhD) 2000–2008

Microeconomic Theory (Master's/PhD) 1995–1998

Game Theory and Experimental Economics (4th year undergraduate) 1998–1999

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|-------------------------------------------------------|-----------|
| Microeconomics (3rd year undergraduate)               | 1996–1998 |
| Microeconomics (2nd year undergraduate)               | 1996      |
| Privatization and regulation (3rd year undergraduate) | 1996–1997 |
| Contracts and organizations (Master's/PhD)            | 1995      |

## **OTHER PROFESSIONAL ACTIVITIES**

Referee for the National Science Foundation, American Economic Review, American Journal of Political Science, Econometrica, Economic Journal, Economic Inquiry, Economic Theory, Experimental Economics, Economics Bulletin, Games and Economic Behavior, Journal of Economic Behavior and Organization, Journal of Economic Education, Journal of Industrial Economics, Journal of Public Economics, Management Science, Review of Economic Studies, Review of Development Economics, and others.

Economic Science Association International Meetings, co-organizer, June 2014, Honolulu, Hawaii.

South-Western Economic Theory Workshop, co-organizer, March 2013, University of Hawaii.

Econometric Society Australasian Meetings, organization committee member, July 1997, Melbourne University.

Member of the Econometric Society, Economic Science Association.