

YAROSLAV ROSOKHA

Purdue University
Krannert School of Management
403 W State St
West Lafayette, IN 47907

EDUCATION

Ph.D.	Economics, University of Texas at Austin	May 2013
	Dissertation: <i>Three Experiments on Decision-making Under Uncertainty in Dynamic Environments</i>	
	Committee Chair: Dale O. Stahl	
M.S.	Economics, University of Texas at Austin	May 2009
M.S.	Applied Mathematics, University of Houston	May 2007
B.S.	Mathematics, Economics, University of Houston	May 2006

EMPLOYMENT

Assistant Professor of Economics, Purdue University	Jan 2017 – present
Assistant Professor of Operations & Economics (<i>joint position</i>) Purdue University	Aug 2013 – Dec 2016
Consultant, Magee and Magee	Aug 2012 – Aug 2013

RESEARCH INTERESTS

Behavioral Economics, Experimental Economics, Game Theory, Computational Economics,
Agent-based Models, Behavioral Operations Management

PUBLICATIONS

[“Motivating Innovation: The Effect of Loss Aversion on the Willingness to Persist”](#) (with Kenneth Younge), *Accepted at Review of Economics and Statistics*.

[“The Evolution of Cooperation: The Role of Costly Strategy Adjustments”](#) (with Julian Romero) *American Economic Journal: Microeconomics* (2019), 11(1), pp. 299-328

[“Constructing Strategies in the Indefinitely Repeated Prisoner’s Dilemma”](#) (with Julian Romero) *European Economic Review* (2018), 104, pp. 185-219.

[“Impact of Compound and Reduced Specifications on Valuation of Projects with Multiple Risks”](#) (with Saurabh Bansal), *Decision Analysis* (2018), 15(1), pp. 27-46.

[“Humans are Not Machines: Impact of Queueing Design on Service Time”](#) (with Masha Shunko and Julie Niederhoff), *Management Science* (2018), 64(1), pp. 453-473.

[“Learning Under Compound Risk vs. Learning Under Ambiguity – An Experiment”](#) (with Othon Moreno), *Journal of Risk and Uncertainty* (2016), 53(2-3), pp. 137-162.

WORKING PAPERS

[“Using Machine Learning for Modeling Human Behavior and Analyzing Friction in Generalized Second Price Auctions”](#) (with Karthik Kannan and Vandith Pamuru Sabramanya)

[“Mixed Strategies in the Indefinitely Repeated Prisoner’s Dilemma”](#) (with Julian Romero)

[“Learning Under Uncertainty with Multiple Priors – Experimental Evidence”](#) (with James Bland)

[“A Model of Adaptive Reinforcement Learning”](#) (with Julian Romero)

[“Uncertainty about Informed Trading in Dealer Markets – An Experiment”](#) (with Chi Sheh)

RESEARCH IN PROGRESS

“Beliefs, learning, and character skills in the indefinitely repeated prisoner's dilemma” (with David Gill)

“Dynamic Scoring Contests: Theory and Experiment” (with Brian Roberson and Stanton Hudja)

“Impact of Queue Visibility on Server Behavior in Queueing Systems”

OTHER PUBLICATIONS

Rosokha, Yaroslav, Sergey V. Lindeman, Sergiy V. Rosokha, and Jay K. Kochi. "Halide recognition through diagnostic “anion- π ” interactions: molecular complexes of Cl⁻, Br⁻, and I⁻ with olefinic and aromatic π receptors." *Angewandte Chemie International Edition* 43, no. 35 (2004): 4650-4652.

PRESENTATIONS

2019: Economic Science Association (ESA) World Meetings, Vancouver; Workshop on Computational and Experimental Economics, Barcelona; IU-Purdue Conference on Experimental and Behavioral Economics, West Lafayette;

2018: Southern Economic Association Annual Meetings, Washington DC; Economic Science Association (ESA) World Meetings, Berlin; The Society for Computational Economics (SCE) 24th International Conference, Milan; Workshop on Experimental Economics and Entrepreneurship, Copenhagen; Chapman University;

2017: IU-Purdue Conference on Experimental and Behavioral Economics, Bloomington; INFORMS Annual Meeting, Houston; Economic Science Association (ESA) North American Conference, Richmond; University of Michigan; Society for the Advancement of Economic Theory (SAET) Annual Conference, Faro; Indiana University;

2016: Economic Science Association (ESA) North American Conference, Tucson; INFORMS Annual Meeting, Nashville; École Polytechnique Fédérale de Lausanne (EPFL);

2015: Economic Science Association (ESA) North American Conference, Dallas; The Pennsylvania State University; Economic Science Association (ESA) World Meetings, Sydney;

2014: INFORMS Annual Meeting, San Francisco; POMS Annual Conference, Atlanta; The University of Texas at Dallas

RESEARCH GRANTS

“Collusion, beliefs, and personal characteristics” (with David Gill), *The Blake Family Fund for Ethics, Leadership and Governance*, 2018-2019

“Learning Under Ambiguity – An Experiment” (with Othon Moreno), *Russell Sage Foundation, Small Grants Program in Behavioral Economics*, 2012 – 2013

FELLOWSHIPS, HONORS, AND AWARDS

Distinguished Teacher: Game Theory (2018), Agent-based Computational Economics (2018, 2017), Operations Management (2016), Computational Economics (2015)

Outstanding Teacher: Game Theory (2017), Behavioral Economics (2016), Operations Management (2016, 2015), Computing for Analytics (2016)

PRF International Travel Grant	2015, 2018
Professional Development Award	2012
Presidential Graduate Fellowship Award	2006 – 2007
Summa Cum Laude	2006
University Honors and Honors in Major	2006
Provost’s Undergraduate Research Scholarship	2006
Academic Excellence Scholarship	2003 – 2006

TEACHING

Game Theory	2017 – 2018
Agent-based Computational Economics (Ph.D.)	2017 – 2018
Computing for Analytics (MS BAIM, Weekend MBA)	2016 – 2018
Computational Economics (Ph.D.)	2015
Behavioral Economics	2015 – 2016
Operations Management	2014 – 2016
Introduction to Microeconomics	2012
Introduction to Economics	2012

Workshops / Short Courses / Guest Lectures:

Agent-based Modeling for Economics (part of *Computational Methods for Economists* summer course at EPFL, Lausanne, Switzerland)

Reinforcement and Evolutionary Learning Models (part of *Computational Methods for Economists* summer course at EPFL, Lausanne, Switzerland)

Learning in Economics Experiments (part of *IFREE Undergraduate Workshop* at Purdue, West Lafayette, Indiana)

PROFESSIONAL SERVICE AND ACTIVITIES

Member: American Economic Association (AEA); INFORMS; Economics Sciences Association (ESA); Society for Computational Economics (SCE); Midwest Economics Association (MEA); Southern Economic Association (SEA).

Referee: *Management Science; Journal of Public Economics; Journal of Economic Behavior & Organization; Economic Inquiry; Manufacturing & Service Operations Management; Production and Operations Management; Transportation Research Part F: Traffic Psychology and Behaviour; European Journal of Operations Research; Journal of Behavioral and Experimental Economics, Games and Economic Behavior, International Economic Review*

Reviewer: National Science Foundation

STUDENT ADVISING

Dissertation Chair:

Peter Wagner (co-chair, in progress)

Chen Wei (co-chair, in progress)

Dissertation Committee Member:

Vandith Pamuru Subramanya (in progress)

Stanton Hudja (in progress)

Heejong Lim (2016, University of Seoul)

Huanren Zhang (2015, Post-doctoral Associate at NYU-Abu Dhabi)

Updated on 7/23/2019