

# SERA LINARDI

Graduate School of Public and International Affairs  
University of Pittsburgh  
230 S. Bouquet St  
Pittsburgh, PA, 15213

[linardi@pitt.edu](mailto:linardi@pitt.edu)  
(412) 648-7650  
<http://www.linardi.gspia.pitt.edu/>

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## EMPLOYMENT

Associate Professor with tenure, *University of Pittsburgh*, 2018

Assistant Professor, *University of Pittsburgh*, 2010 (on leave 2012-2013)

Computer Scientist, *Adobe Systems, Inc.* San Jose, CA, USA, 1999

## OTHER ACADEMIC APPOINTMENTS

Faculty Appointment by Courtesy, Department of Economics, and Affiliated Faculty, Pittsburgh Experimental Economics Laboratory (PEEL), University of Pittsburgh, 2010-current

## EDUCATION

- Ph.D. in Social Science, *California Institute of Technology*, 2010
- B.S., Computer Science, *Stanford University*, 1999

## PUBLICATIONS

1. "The Psychology of Ethnic Bias: Experimental Evidence from Afghanistan" with Luke Condra, *conditionally accepted at Journal of Politics*
2. "Clerics and Scriptures: Experimentally Disentangling the Influence of Religious Authority in Afghanistan", with Luke Condra and Mohammad Isaqzadeh, *British Journal of Political Science* (2017), pp.1-19.
3. "Awareness of Low Self-Control: Theory and Evidence from a Homeless Shelter" with Elif Incekara-Halafir, *Journal of Economic Psychology* (2017), 61, pp. 39–54
4. "Accounting for Noise in the Microfoundation of Information Aggregation", *Games and Economic Behavior* (2017), 101, pp. 334-353
5. "Peer Coordination and Communication Following Disaster Warnings: An Experimental Framework", *Safety Science* (2016), 90, pp. 24-32
6. "Wallflowers: Experimental Evidence of an Aversion to Standing Out" with Daniel Jones, *Management Science* (2014), 60 (7), pp. 1757-1771

7. “Competition as a Savings Incentive: A Field Experiment at a Homeless Shelter” with Tomomi Tanaka, *Journal of Economics Behavior and Organization* (2013), 95, pp. 240-251
8. “No Excuses for Good Behavior: Volunteering and the Social Environment” with Margaret Anne McConnell. *Journal of Public Economics* (2011), 95, 5-6, pp. 445-454.
9. “Prediction Markets: Alternative Mechanisms for Complex Environments with Few Traders” with PJ Healy, Richard Lowery, and John Ledyard. *Management Science* (2010), 56 (11), pp. 1977-1996.

### **Working Papers:**

10. “Can Relational Contracts Survive Stochastic Interruptions?” with Colin Camerer, *revision requested at Experimental Economics*
11. “Globalization and Altruism Towards the Poor in Developing Countries: An Experimental Study in India” with Nita Rudra
12. “The Price of Religion: Altruism and Risk in Islamic Banking” with Rebecca Morton, Kai Ou, Gumilang Sahadewo and Xiangdong Qin
13. “ ‘You will hear of skirmishes and rumors of skirmishes’: Cell Communication in Proximity to Political Violence” with Daniel Berger and Shankar Kalyanaraman

### **Ongoing Projects:**

14. “Mispredicting Backlash to Policy Affecting Social Norms” with Erin Krupka
15. “Predicting Violence at Fine Temporal-Spatial Resolution Using Cell Phone Data”
16. “A Machine Learning View of Prosocial Behavior”
17. “Utilization of Social Services Among Ex-Inmates” with Marco Castillo and Ragan Petrie
18. “Effect of Wage Increase Among Minimum Wage Workers”

### **GRANTS**

- Heinz Endowments, “From barely making it to ... ? Effects of raising wages among low wage workers: follow-up”, Co-PI (PI Ray Engel and Jeffrey Shook), \$249,858 (2018-2019)

- National Science Foundation Cyber-Physical System Award #1739413, “Building a Smart City Economy to Motivate Pro-Social Transportation Behavior”, Co-PI (PI Alexandros Labrinidis), \$1,439,999 (2017-2020)
- University of Pittsburgh Central Research Development Funds, “Encouraging Ex-Inmates to Utilize Social Services and Measuring Its Impact on Recidivism”, PI, \$16,000 (2017-2019)
- University of Pittsburgh Integrative Social Science Research Initiative, “Effect from Raising Wages Among Low Wage Workers”, Co-PI (PI Jeffrey Shook), \$41,250 (2017-2018)
- California Institute of Technology grant, “Experiments on Contracting”, PI, \$7,600 (2017)
- Ford Institute for Human Security grant, “Machine Learning Approaches for Spatial and Temporal Prediction of Violence”, PI, \$2000 (2016-2017)
- NYU Abu Dhabi Research Enhancement Fund, “The Price of Religion: Effect of Religion on the Choice between Interest-Based and Profit Sharing Investment”, Co-PI with Rebecca Morton, \$100,000 (2014-2015)
- National Science Foundation Hazard SEES Award #1331463, “From Sensors to Tweeters: A Sustainable Sociotechnical Approach for Detecting, Mitigating, and Building Resilience to Hazards”, Senior Researcher (PI Louise Comfort), \$2,408,881 (2013-2015)
- University of Pittsburgh Graduate School of Public and International Affairs Faculty Startup Grant, PI, \$15,000 (2010-2015)
- Hewlett Foundation Grant, “Volunteering and Image Concerns: Lab and Field Experiments”, Co-PI with Margaret McConnell, \$10,340 (2006-2008)
- Social and Information Sciences Laboratory (SISL) Research Grant, “Predicting Aggregation in Information Mechanisms”, PI, \$1,700 (2008)

## **FELLOWSHIP and AWARDS**

- University of Pittsburgh Honor Convocation Faculty Honoree, 2017
- 2016 Inaugural class of NASPAA NEXT (Leadership Development Institute for Public Affairs)
- Best Paper in Comparative Politics (Midwestern Political Science Association 2016), “Clerics and Scriptures: Experimentally Disentangling the Influence of Religious Authority in Afghanistan”
- Selected for the inaugural Summer Institute on Field Experimentation at the University of Chicago (2015)
- Jeffrey Mora Endowed Faculty Resource Award (2012)
- SISL Graduate Research Fellowship, 2006, 2007, 2009

## **MOST RECENT CONFERENCE AND SEMINAR PRESENTATIONS (2013-current)**

2017: Harvard University (Kennedy School of Government), BABEEW (University of Santa Clara), Texas A&M University (Economics), University of Houston (Economics), NASPAA (Washington DC), North American ESA meeting (Richmond, VA), Society for Experimental Finance Conference (Richmond, VA), University of Alabama.

2016: Duke University, ASSA San Francisco, School of Information iFest TEC Talk (University of Pittsburgh). Behavioral Models of Politics (University of Pittsburgh), Edwards Bayesian Research Conference (Fullerton), Social Media Data Forecasting Workshop (UC San Diego), Collective Intelligence (NYU Stern), Stanford Institute for Theoretical Economics, Advances in Field Experiment (UChicago), Colby College, NASPAA (Columbus).

2015: NYU-CESS Experimental Political Science Conference, ASREC (Association for the Study of Religion, Economics, and Culture), NetMob (MIT), University of South California (Economics), George Mason University (ICES), Social Dilemmas Conference (Brown University), Pittsburgh Economics Medley, Science of Philanthropy (UChicago)

2014: FSU Workshop on Behavioral and Experimental Economics (Florida State University), University of Essex (Dept. of Government), Oxford Workshop of Reputation (University of Oxford), ESA International (Hawaii), ESA North America (Florida), Science of Philanthropy (University of Chicago), Southern Economic Association (Atlanta), Global Politics Seminar (University of Pittsburgh)

2013: Behavioral Models of Politics Conference (University of Pittsburgh), STIET Seminar Series (School of Information - University of Michigan), Science of Philanthropy (University of Chicago), Biennial Social Dilemma Conference (Caltech), USC Price School of Public Policy, University of Pittsburgh (Economics & GSPIA), University of Massachusetts Amherst,

## **TEACHING**

- Behavioral Economics and Game Theory (2010-current), Experiments in Public Policy and Development (2012), Data Visualization in R for Public Policy Capstone (2017), Intermediate Quantitative Methods (2010-current), Microeconomics (2010-2015),
- Director and instructor for GSPIA Amazing Analytics Race (Math Camp), 2013-current.
- Started the GSPIA Quantitative Methods Poster Session (2014, 2015, 2017)
- Started and trained the GSPIA Hackathon Team (2015)

## **SERVICE**

### National

- National Science Foundation Review Panel (2014, 2017)

- Referee for *American Economic Review*, *Econometrica*, *Economic Inquiry*, *Economic Letters*, *Experimental Economics*, *Labour Economics*, *Journal of Behavioral and Experimental Economics*, *International Economic Review*, *Journal of Economic Behavior and Organization*, *Journal of Management and Strategy*, *Journal of Economic Psychology*, *Journal of Experimental Political Science*, *Journal of Policy Analysis and Management*, *Journal of Public Economics*, *Management Science*, *Nonprofit and Voluntary Sector Quarterly*, *Review for Economic Design*, *Review of Economic Studies*, *Review of Finance*, *Safety Science*, *Scandinavian Journal of Economics*, *the B.E. Journal of Economic Analysis and Policy*.
- Grant reviewer for National Science Foundation (NSF) and Time-sharing Experiments for the Social Sciences (TESS)
- Panel coordinator for Allied Social Science Association (ASSA) (2011, 2016) and the Economics and Psychology track at Social Equity Leadership Conference (2014)
- Proposal reviewer for International AAAI Conference on Web and Social Media (ICWSM) (2017), International Conference on Social Computing, Behavioral-Cultural Modeling and Prediction (SBP-BRiMSF) (2016)

#### University and School

- University: School of Computing and Information Science (CIS): Research & Collaboration Committee (RCC) (2015-2016)
- GSPIA: Faculty Coordinator for GSPIA-Information Science Joint Degree (2017), Vice President of Faculty Assembly (2016), Faculty Advisory Committee (2016, 2013), Diversity Committee (2016, 2017), Merit Review Committee (2015), Curriculum Review and Evaluation (2015, 2017), Search Committee (2013), Public Policy PhD Comprehensive Examination Committee (2013-2017)
- Current PhD advising: Yoon Ah Shin (GSPIA, committee), Jennifer Bert (GSPIA, committee), Gumilang Sahadewo (Economics, committee), Rachel Landsman (Economics, committee), Eun Young Kim (Political Science, committee), Aaron Anthony (Education, committee), Yuan Zhang (Education, committee).
- Past PhD advising (Economics, committee): Daniel Jones (USC), Michael LeGower (FCC), Maria Recalde (IFPRI), David Klinowski (Oxford University Postdoctoral Scholar), Danielle Loustau-Williams (GSPIA, committee).
- MA advising (GSPIA) and graduate school placements: Erin Carbone (Carnegie Mellon University, SDS), Juan Nicolas Hernandez (Cornell University, Applied Economics), Kate Morris (Michigan State University, Political Science), Kira Pronin (University of Pittsburgh, Political Science), Ziqiao Chen (Syracuse University, Maxwell School - Public Administration).