

# URSULA W. KREITMAIR

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## EDUCATION

Ph.D. Indiana University. Public Policy. 2016  
Fields: Public Policy, Environmental Policy (SPEA), Methods (Political Science)  
Dissertation: *Observing Others: The Effect of Behavioral Information on Collective Action in Social Dilemmas*  
Dissertation Chairs: Elinor Ostrom (deceased), James Walker (Co-Chair), Michael McGinnis (Co-Chair)

M.Sc. University College London. Natural Resource and Environmental Economics. 2010

M.Sc. London School of Economics and Political Science. Environmental Policy, Planning, and Regulation. 2006

B.A. University of Oxford. Philosophy, Politics, and Economics. 2005

## FURTHER TRAINING

Santa Fe Institute Graduate Workshop in Computational Social Science Modeling and Complexity. June 2013

Interuniversity Consortium for Political and Social Research (ICPSR) at University of Michigan. Summer 2012. Courses taken: Advanced Game Theory and Complex Systems

## AWARDS AND HONORS

Recipient of scholarship from the Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis to attend the Santa Fe Institute Graduate Workshop in Computational Social Science Modeling and Complexity. 2013. \$2500

Recipient of School of Public and Environmental Affairs scholarship to attend the Interuniversity Consortium for Political and Social Research (ICPSR) at University of Michigan. 2012. \$2300

PhD Fellowships and Stipends from the Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis and the School of Public and Environmental Affairs. AY 2014-2015, AY 2013-2014, AY 2012-2013, AY 2011-2012, AY 2010-2011, AY 2009-2010

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## RESEARCH

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### RESEARCH INTERESTS

- Environmental Policy
- Integration of behavioral economics research into public policy
- Institutional design (especially information policies)
- Experimental methods (particularly with regards to social dilemmas)
- Impact of information, communication, and social networks on cooperation
- Common pool resource management

### PUBLICATIONS AND WORKING PAPERS

#### *Peer-Reviewed*

Epstein, G., J. Pittman, S. M. Alexander, S. Berdej, T. Dyck, U. Kreitmair, K. J. Rathwell, S. Villamayor-Tomas, J. Vogt and D. Armitage. 2015 “Institutional Fit and the Sustainability of Social-Ecological Systems.” *Current Opinion in Environmental Sustainability*. June 2015 Vol 14: 34-40 (Article available [here](#).)

Kreitmair, U. 2015. “Voluntary Disclosure of Contributions: An Experimental Study on Non-Mandatory Approaches for Improving Public Good Provision” *Ecology and Society* 20(4):33

#### *Working Papers*

“The Impact of Information about the Behavior of Social Peers on Donations: An Experimental Study of Behavior and Equilibrium Selection in Provision Point Public Goods” *with Simanti Banerjee and James Walker*

“Production versus Use: An Experimental Study of Collective Action Among Heterogeneous Groups,” *with Jacob Bower-Bir*

“Communication and Monitoring in Collective Resource Management: A Computational Exploration of Local Information”

“Communication Structure and Cooperation: An Experimental Exploration of the Communication Effect in Common Pool Resource Management”

“Defining a Framework: Institutions, Resources and People in Social-Ecological Systems,” *with Graham Epstein*

### RESEARCH GRANTS

Indiana University Office of Sustainability Graduate Student Sustainability Research Development Grant. 2015 (with Stefan Carpenter). “*Conservation and Human-Wildlife Conflict: An Experimental Study of Collective Action Involving Discounting and Uncertainty*.” Co-PI. \$6,000

University of Nebraska Faculty Seed Grant. 2015 (with Simanti Banerjee, UNL and James Walker, IU). “*Toward Successful Fundraising Campaigns: Social Networks and their Role in Threshold Public Goods Games*.” Researcher. \$10,000

Indiana University Office of Sustainability Graduate Student Sustainability Research Development Grant. 2013 (with Jacob Bower-Bir). *“Groups, Dictators, and Natural Resources: An Experimental Study of Collective Action Among Heterogeneous Groups.”* Co-PI. \$3,500.

National Science Foundation. 2009-2013 (Elinor Ostrom, PI and James Walker, Co-PI). *“Collaborative Research: Asymmetric Power in Paired Common Pool and Public Good Games: Experiments, Institutions, and Behavior.”* Researcher. \$389,628

### **INVITED TALKS AND CONFERENCE PRESENTATIONS**

“Information Networks and their Role in Threshold Public Goods Games: An Experimental Study”; Selected Poster Presentation at Agricultural and Applied Economics Association & Western Agricultural Economics Association Joint Annual Meeting, San Francisco, July 2015

“Voluntary Disclosure of Contributions: An Experimental Study on Non-Mandatory Approaches for Improving Public Good Provision”; Invited Talk presented at the Department of Agricultural Economics, University of Nebraska, Lincoln, March 2015

“Communication and Monitoring in Collective Resource Management: An Exploration of Local Information”; presented at Workshop on the Workshop 5, Bloomington, June 2014

“Communication and Monitoring in Collective Resource Management: An Exploration of Local Information”; presented at Western Political Science Association Annual Meeting, Seattle, April 2014

“Voluntary Provision of Information and Public Goods: An Experimental Study” presented at Wednesday Colloquium at Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis; Bloomington, December 2013

“Communication Structure and Cooperation: Explaining the Communication Effect in Common Pool Resource Management”; Invited Talk presented at Center for the Study of Institutional Diversity (CSID) Workshop on Lab and Field Experiments on Social-Ecological Systems, Arizona State University, March 2013

“Groups, Dictators, and Unequal Pay: An Experimental Study of Group Decision-Making and Membership Effects in Heterogeneous Groups”; co-presented with Jacob Bower-Bir at Wednesday Colloquium at Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis; Bloomington, March 2013

“Information, Signaling, and Public Goods: An Experimental Study of Conditional Cooperation” presented at Wednesday Colloquium at Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis; Bloomington, February 2013

“Information and Common Pool Resources: An Experimental Study of Conditional Cooperation”; presented at Wednesday Colloquium at Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis; Bloomington, November 2012

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## EMPLOYMENT AND TEACHING

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### EMPLOYMENT

Lecturer. Department of Political Science. Oklahoma State University. AY2015-2016

Research Assistant to James Walker. Economics. Indiana University. AY2014-2015,  
AY2012-2013

Research Assistant to Elinor Ostrom. Vincent and Elinor Ostrom Workshop in Political  
Theory and Policy Analysis. Indiana University. AY2011-2012, AY2009-2010

Research Assistant to Haeil Jung. School of Public and Environmental Affairs. Indiana  
University. Fall 2010

Project Officer. Environmental Policy Advisory Programme in Beijing, China. Deutsche  
Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH. 2007-2008

### TEACHING EXPERIENCE

POLS 4593 “*Natural Resources and Environmental Policy.*” Department of Political Science,  
Oklahoma State University.

Spring 2016, 24 students

POLS 4363 “*Environmental Law and Policy.*” Department of Political Science, Oklahoma  
State University.

Fall 2015, 33 students

E 162 “*Environment and People.*” School of Public and Environmental Affairs, Indiana  
University

Spring 2014, 56 students

Fall 2013, 53 students

Spring 2011, 26 students

“*An Introduction to Z-tree Experimental Economics Software for Graduate Students and  
Faculty*” Indiana University.

Fall 2015 Co-taught with Andrea Sorensen

Fall 2014 Co-taught with Andrea Sorensen

Summer 2013 Co-taught with Brock Stoddard

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## OTHER

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### SERVICE

Reviewer for the *International Journal of the Commons; Ecology and Society*

Coordinator of volunteers at Workshop on the Workshop 5, June 2014

Student member of the Workshop Colloquium Committee AY2013-2014

**RELEVANT SKILLS**

Stata, Z-tree (Economics Experiments Software), LaTeX, Python

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**REFERENCES**

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Available upon request.