

# Lorien Jasny

## Curriculum Vitae

National Socio-Environmental Synthesis Center  
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## Employment

- *Postdoctoral Researcher* at the National Socio-Environmental Synthesis Center (SESYNC), (Fall 2013-present), University of Maryland.
- *Postdoctoral Researcher* with Professor Mark Lubell, (Winter 2012 - Summer 2013) University of California, Davis Department of Environmental Policy and Behavior.

## Education

- Ph.D., Sociology—University of California, Irvine; March 23rd 2012.
  - Dissertation advisor: Dr. Carter T. Butts
  - Qualifying examinations in social network analysis and political sociology
- M.A., Mathematical Behavioral Science—University of California, Irvine; Summer 2008
- M.A., Sociology—University of California, Irvine; Summer 2008
- B.A., Sociology—Columbia University, New York; May 2005.
- B.S., Applied Mathematics—Columbia University, New York; May 2005.

## Publications

- A.P. Fischer, K. Vance-Borland, K.M. Burnett, S.S. Hummel, J. Creighton, L. Jasny, S. Johnson (2014). “Does the social capital in networks of ‘fish and fire’ scientists and managers suggest learning?” *Society and Natural Resources* 27(7).
- Jasny, Lorien (2012). “Baseline models for two mode social network data.” *Policy Studies Journal* 40(3).
- Juarez, Paul D. and Lorien Jasny. (2011). “Social Network Analysis and Youth Violence: Implications for Prevention.” In *Injury Research: Theories, Methods, and Approaches*. Li, Guohua and Susan P. Baker (Eds.) New York: Springer.
- Byrd, Scott C. and Lorien Jasny. (2010). “Transnational Movement Innovation and Collaboration: Analysis of World Social Forum Networks.” *Social Movement Studies: Journal of Social, Cultural and Political Protest* 9(4).

Reprinted in Smith, Jackie, Scott C. Byrd, Ellen Reese, and Elizabeth Smythe (eds). *Handbook on World Social Forum Activism*. Boulder, CO: Paradigm Publishing, June 2011.

- Jasny, Lorien. (2007) “Corporate Interlocks.” In *Constructal Theory of Social Dynamics*. Bejan, Adrian and Gilbert W. Merkx (Eds). New York: Springer.

## In Preparation

- Jasny, Lorien. “Propositional Structures in Political Culture: Applying Network Methods to the World Values Survey.” Under review at the *Journal of Mathematical Sociology*.
- Jasny, Lorien and Mark Lubell. “Two-mode brokerage for policy networks.” Under review at *Social Networks*.
- Lubell, Mark and Lorien Jasny. “Institutional Fit and Centralized Networks for Invasive Species Management.” Under review at *Journal of Public Administration Research and Theory*.
- Fischer, Paige and Ken Vance-Borland and Lorien Jasny and Kerry Grimm and Susan Charnley. “The Role of Organizational Networks in Landscape-Scale Planning and Management for Fire-Prone Forests.” Under review at *Landscape and Urban Planning*.
- Jasny, Lorien, and Joseph Waggle and Dana Fisher. “Manufacturing Consensus: Echo Chambers in Climate Science and Federal Politics.” *In Preparation*.
- Jasny, Lorien, and Leslie Roche and Ken Tate and Mark Lubell. “The Relationship Between Goals and Practices: Dynamic Belief Change Among Ranchers, Conservationists, and Range Land Professionals.” *In Preparation*.
- Jasny, Lorien. “Patterns of Participation: Investigating the Relationship Between ‘Conventional’ and ‘Unconventional’ Political Engagement.” *In Preparation*.

## Current Projects

- *Mental Models in Interdisciplinary Teams* This project uses innovative data collection methods to study how interaction in interdisciplinary teams changes ideas and concepts. I began data collection at SESYNC and a paper is in progress.
- *Adaptive Rangeland Management* With Professors Mark Lubell, Ken Tate, and Leslie Roche (UC Davis), we are exploring the institutional and social factors involved with the adoption and diffusion of innovative grazing practices. A paper is in progress.
- *Socio-Ecological Movements in Urban Ecosystems* This project is a large collaboration in which I am working with Professors Mario Diani (University of Trento) and Henrik Ernstson (Stanford, University of Cape Town). I am in charge of the analysis of the 120 organizations interviewed.
- *Public Repository of Socio-Environmental Network Data* I am working to produce a publicly available set of network data concerning environmental policy and management. I will work with the other authors on synthesis papers.
- *Forest, People, Fire* With Professor Paige Fischer (University of Michigan) we are investigating the multiplex networks of fire prevention organizations in Oregon. A substantive paper is under review and a methodological paper is in progress.

## Teaching Experience

- *Workshop Instructor*, (Spring 2014) Introduction to ERGM with Statnet. Political Networks Conference
- *Workshop Instructor*, (Spring 2012, 2013, 2014) Moving Beyond Descriptives: Statistics for Social Network Analysis. International Network for Social Network Analysis (INSNA) Sunbelt Conference
- *Workshop Instructor*, (Fall 2013) Introduction to Social Network Analysis in R. University of Maryland Department of Political Science.

- *Teaching Assistant*, (Summer 2007, 2009, 2010, 2011) Introduction to Social Network Analysis. Interuniversity Consortium for Political and Social Research (ICPSR)
- *Workshop Teaching Assistant*, (Spring 2008, 2009, 2011) `statnet` Tutorial – Getting Started With Social Network Analysis Using `R` and `statnet` Networks in Political Science Conference, Kennedy School of Government, Harvard University
- *Teaching Assistant*, (Fall 2003) Calculus IA: Columbia University

## Fellowships and Awards

- *Podlich Fellowship*, (Fall 2005-present) Center for the Study of Democracy, University of California, Irvine
- *Substantive Poster Award*, (Spring 2009) Networks in Political Science Conference, Kennedy School of Government, Harvard University
- *Honorable Mention*, (Fall 2005) NSF Graduate Research Fellowship Program
- *Social Science Merit Fellowship*, (Fall 2005) University of California, Irvine

## Service

- *Program Co-Chair*, 7th Annual Political Networks Conference (May 2014): Montreal, Quebec, Canada.

## Technical Knowledge

- *Programming languages* Java, Matlab, Perl
- *Statistical software* `R`, SAS, SPSS, Stata
- *Spatial Analysis* GIS
- *Social network analysis software* Netdraw, Pajek, Stocnet, UCINET

## Journal Peer Reviewing

- *Science Magazine*
- *American Journal of Sociology*
- *Organizational Science*
- *Social Networks*
- *Policy Studies Journal*
- *Journal of Mathematical Sociology*
- *Journal of Social Structure*
- *Mobilization*
- *Computational & Mathematical Organization Theory (CMOT)*
- *Journal of Mass Emergencies and Disasters*

## Invited Presentations

- Jasny, Lorien. (January 2013). “Structure, Action, and Chance: Recognizing the Importance and Multifaceted Roles of Brokers” Workshop on Sociological Perspectives on Non-State Actors in Environmental Governance
- Jasny, Lorien. (March 2006). “Corporate Interlock Networks: An Analysis of Structure and Constructal Theory.” Conference on Constructal Theory, Duke University.

## Selected Presentations

- Jasny, Lorien and Jennifer Hadden (May 2014) “An ERGM Approach to Coalitions in Social Movements.” 7th Annual Political Networks Conference, Montreal, Quebec, Canada.
- Jasny, Lorien, Mario Diani and Henrik Ernstson (February 2014) “Cape Town’s Civic Networks: A Multiplex Analysis.” 34th Sunbelt Network Conference (INSNA), St. Pete’s Beach, USA
- Jasny, Lorien, Jacob Hileman and Mark Lubell (June 2012) “Two-Mode Brokerage and Exponential Random Graph Models: Water Policy Negotiations in the San Joaquin-San Francisco Bay Delta.” 5th Annual Political Networks Conference, Denver, USA.
- Jasny, Lorien (March 2012) “Networks of Values: A Critique of Inglehart’s Post-Materialist Thesis.” 32nd Sunbelt Network Conference (INSNA), Redondo Beach, USA
- Jasny, Lorien (February 2011) “Baseline Models for Two Mode Hypothesis Testing.” 31th Sunbelt Network Conference (INSNA), Florida, USA
- Jasny, Lorien (July 2010) “Local Structure in Dynamic Belief Networks.” 30th Sunbelt Network Conference (INSNA), Riva Del Garda, Italy

## References

- Dr. Carter T. Butts  
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