

Lynette Shaw

Center for the Study of Complex Systems,
University of Michigan
719 Weiser Hall
500 Church St.
Ann Arbor, MI 48109-1042
shawla@umich.edu

Current Academic Positions

Postdoctoral Scholar, Complex Systems Sept. 2017 – 2020
Michigan Society of Fellows, University of Michigan

Postdoctoral Research Fellow and Adjunct Lecturer 2016 – Aug. 2017
Center for the Study of Complex Systems, University of Michigan

Education

2016 Ph.D., Sociology, University of Washington
Dissertation: “The Meanings of New Money: Social Constructions of Value in the Rise of Digital Currencies”
Major exam: Theory (*with distinction*)
Minor exam: Social Statistics, Center for Statistics and the Social Sciences

2011 MA, Sociology, University of Washington
Thesis: “Evolving *Homo Sociologicus*”

2005 BA, Physics and Sociology, University of Texas, Austin
Minor: Mathematics

Areas of Interest

Complex Systems, Culture and Cognition, Economic Sociology, Theory, Automated Content Analysis, Computational Sociology, Statistical Methodologies

Peer Reviewed Articles

Lynette Shaw. 2015. “Mechanics and dynamics of social construction: Modeling the emergence of culture from individual mental representation.” *Poetics*. 52:75-90

Katherine Stovel and Lynette Shaw. 2012. “Brokerage.” *Annual Review of Sociology* 38:7.1-7.20

Book Chapters

Lynette Shaw. "Charting the Emergence of the Cultural from the Cognitive with Agent-based Modeling." In W. Brekhus & G. Ignatow (Eds.), *Oxford Handbook of Cognitive Sociology*. (due for publication in 2018)

Lynette Shaw. "Evolving Homo Sociologicus." In P. Hedström & P. Ylikoski (Eds.), *Architecture of the Social*. (In Progress)

Conference Proceedings

Lynette Shaw. (2018, July). "Social Valuation Dynamics for the Blockchain and Cryptocurrency Era." Paper presented at the 9th International Conference on Complex Systems. Cambridge, MA.

Articles under Review

Lynette Shaw. "What is Bitcoin? Exploration, Exploitation, and the Emergence of the Cryptocurrency Category." [Under review at *Administrative Science Quarterly*]

Lynette Shaw. "Something Out of Nothing: a Computational Model for the Social Construction of Value." [Under review at *Journal of Economic Behavior and Organization*]

Manuscripts in Preparation

Lynette Shaw. "A Bitcoin's Worth: Talks of Money and Value at the Advent of Digital Currency."

Lynette Shaw. "Revelation as Revolution: Conscious Availability and the Stability (and Instability) of Social Orders."

Honors, Awards, and Fellowships

2017 – 2020 Fellow, Michigan Society of Fellows, University of Michigan

2013, 2014 Graduate Student Research Presentation and Training Grant, Center for Statistics and the Social Sciences, University of Washington

2012 Award for "Excellence as a Teaching Assistant," Sociology, University of Washington

2008 Clarence and Elissa Schrag Fellowship, Department of Sociology, University of Washington

Invited Talks

“Cognition, Culture, and Complexity: Modeling the Emergence of Shared Social Realities from Individual Mental Representation.” Evolutionary Studies (EvoS) Seminar Series. Binghamton University (SUNY), Binghamton, NY., September 2018.

“Social Valuation Dynamics for the Blockchain and Cryptocurrency Era.” Workshop on Blockchain Networks and Information Flow. International Conference on Complex Systems, Cambridge, MA, July 2018.

“Social Valuation Dynamics for the Blockchain and Cryptocurrency Era.” UCLA. Los Angeles, CA., July 2018.

“What’s a Bitcoin Worth? Valuation and Categorization in the Rise of Digital Currency.” Northwestern Institute on Complex Systems. Northwestern University, Evanston, Il., May 2018.

“What is Bitcoin? Adoption, Co-option, and the Robust Object of Digital Currency.” *Information Overload: Challenges and Opportunities for Valuation in the Information Economy* Symposium, Academy of Management, Atlanta, August 2017.

“Revelation as Revolution: How culture gets into our heads and how we can change it once it’s there.” ACTTech Think Tank, ACT, Seattle, October, 2016.

“Mechanics and Dynamics of Social Construction.” The Institute for Analytical Sociology, Linköping University, Linköping Sweden, January, 2016.

Presentations

“What’s a Bitcoin Worth? Valuation and Categorization in the Rise of Digital Currency.” Complex Systems Seminar Series, University of Michigan, Ann Arbor, May, 2018.

“Something Out of Nothing: a Computational Model for Social Valuation Processes.” Complex Systems Regular Session, American Sociological Association, Montreal, August 2017.

“What is Bitcoin? Adoption, Co-option, and the Robust Object of Digital Currency.” Digital Objects and Artifacts Panel, Media Sociology Preconference, Montreal, August 2017.

“Cognition, Culture, and Complexity: Modeling the Emergence of Shared Social Realities from Individual Mental Representation.” Complex Systems Seminar Series, University of Michigan, Ann Arbor, October, 2016.

“A Bitcoin’s Worth: Talks of Money and Value at the Advent of Digital Currency.” Economic Sociology Section Session, American Sociological Association, Seattle, August 2016.

“From Meaning to Behavior: the Associative Structure of Mental Representation, the Patterning of Social Life, and Cultural Analysis” Theory Section Session, American Sociological Association, Chicago, August 2015.

“Revelation as Revolution: Conscious Availability and the Stability (and Instability) of Social Orders,” Sociology of Culture Section Session, American Sociological Association, Chicago, August 2015.

“Mechanics and Dynamics of Social Construction: Mental Representation and the Emergence of Cultural Processes,” *International Network of Analytical Sociology* conference, Harvard, Cambridge, MA, June 2015.

“Mechanics and Dynamics of Social Construction,” *Being There: Phenomenology and Social Structure* conference, The New School for Social Research, New York, April 2014.

“Evolving *Homo Sociologicus*: Toward a Cognitive-Cultural Microfoundation for General Social Theory.” Sociology of Culture Regular Session, American Sociological Association, Las Vegas, August 2011.

“Evolving Homo Sociologicus.” Theory Session, Pacific Sociological Association, Seattle, March 2011.

Professional Service

Computational Social Science, Culture, and Cultural Analysis. Session Organizer. American Sociological Association, Philadelphia, August 2018.

Ad hoc reviewer: *American Sociological Review, Poetics*

Teaching Experience

Graduate

Instructor for *Computational Models of Complex Systems* (Winter 2017, 2018), Teaching Assistant for graduate-level social statistics methods sequence - *Applied Social Statistics I* (Fall 2013), *Applied Social Statistics II* (Winter 2014), *Methodology: Quantitative Techniques in Sociology* (Spring 2014)

Undergraduate

Instructor for *Social Dynamics* (Fall 2016, 2018), *Sociological Theory* (Summer 2011), *Logic of Sociological Inquiry* (Summer 2013, 2014, 2016)

Prior Research Experience

Research Assistant for Sarah Quinn, Assistant Professor, Department of Sociology, University of Washington, Winter 2014 – August 2016

- Assisted with historical research, data collection and management, and team management in project focused on the creation of a new database of U.S. Federal Credit programs activities between 1918 to present day (funded by grant from the Institute for New Economic Thinking)

Research Assistant for Katherine Stovel, Associate Professor, Department of Sociology, University of Washington, 2011- 2012

- Assisted with comprehensive review of the social network concept of “brokerage” in classical and contemporary sociological literatures

Research Assistant for Eric Smith, Professor, Department of Anthropology, University of Washington, 2010

- Assisted with development of an agent-based model of the emergence of inequality in small-scale societies

Workshop Participation

2018 Participant in Diverse Intelligences Summer Institute. University of St. Andrews.

2013, 2014 Participant in Graduate Workshop in Computational Social Science. Santa Fe Institute.

2010 Participant in Complex Systems Summer School. Santa Fe Institute.

Public Engagement and Media Coverage/Mentions

“What’s a Bitcoin Worth?” (Public talk). Ann Arbor City Club. Ann Arbor, MI. December, 2018.

“What’s a Bitcoin Worth?” (Public talk). Shady Ladies Literary Society. Detroit, MI. October, 2018.

“Digital Dollars” by Elizabeth Wason, *LSA Magazine*. Fall 2018.

“How Trust Shapes Nations' Safety Rules” by Veronique Greenwood. *The Atlantic*. November 1, 2017.

“Physicists at the Gate: Collaboration and Tribalism in Science” by Veronique Greenwood. *Undark*. March 28, 2016.