Jason Radford

Network Science Institute
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EDUCATION

2020   PhD, Department of Sociology, University of Chicago. Committee: Elisabeth Clemens, Ron Burt, John Levi Martin, Forrest Stuart Dissertation: *Excellence for All: Pursuing Effectiveness in a High-Performing, No-Excuses Charter School*

2009   M.A., Master of Arts Program in the Social Sciences, University of Chicago.

2007   B.A., Department of Philosophy, Interdisciplinary Studies, Appalachian State University.

PROFFESIONAL EXPERIENCE

2020-Present Principal Research Scientist, Network Science Institute, Northeastern University

2019-Present CEO, Volunteer Science Inc

2017-2020   Postdoctoral Scholar, Network Science Institute, Northeastern University

PUBLICATIONS

de Vries, Ieke, and Jason **Radford**. 2021. "Identifying Online Risk Markers of Hard-to-Observe Crimes through Semi-Inductive Triangulation: The Case of Human Trafficking in the United States." *The British Journal of Criminology* azab077.

Lazer, David, Eszter Hargittai, Deen Freelon, Sandra Gonzalez-Bailon, Kevin Munger, Katherine Ognyanova, and Jason **Radford**. 2021. "Measuring Human Society in the 21st Century" *Nature*.

Radford, Jason and Kenny Joseph. 2020. "Theory In, Theory Out: The Uses of Social Theory in Machine Learning for Social Science" *Frontiers in Big Data*, 3.

Lazer, David and Jason **Radford**. 2017. "Data ex Machina: An Introduction to Big Data." *Annual Review of Sociology*. 43(1): 19-39.

Radford, Jason, Andy Pilny, Ashley Reichelman, Brian Keegan, Brooke Foucault Welles, Jefferson Hoye, Katherine Ognyanova, Waleed Meleis, David Lazer. 2016. "Volunteer Science: An Online Laboratory for Experiments in Social Psychology." *Social Psychology Quarterly*. 79(4): 376-396.

FUNDING

2018-2020   Non-PI Awardee, Gallup, Inc and DARPA, Next Generation Social Science Program. "Wholesale Innovation through New Experimental Social Science." (PI David Lazer, *amount $1,591,231*)

Scope of Work: Develop capacity to recruit large groups of participants, manage participants, and integrate Gallup experiment on Volunteer Science.

2017-2020   Performer, Army Research Institute, "Beyond the Cultural Horizon," (PI Matthew Brashears, David Lazer, *amount $1,049,938*)

Scope of Work: develop and validate methods for identifying and measuring norms in different cultures around the world using online experiments.

2018-2019   Non-PI Awardee, Russell Sage Foundation Computational Social Science Initiative, "Inequality in Online Labor Markets" (PI Ancsa Hannak, Christo Wilson, David Lazer, *amount $113,628*)

Scope of Work: regularly collect search result data from online crowdworking sites like Fiverr and Care to study the algorithmic determinants of racial and gender inequality.

2017-2018   Performer, IARPA, Hybrid Forecasting Competition (PI David Lazer, Nick Beauchamp, Alex Vespignani; *amount $2,146,791*)

Scope of Work: develop a crowdsourced and machine-learning aided system for predicting the probability of future events.

2017-2018   Performer, Office of Naval Research, "Exploring large scale networks and unobservable counterfactuals" (PI David Lazer; *amount $299,982*)

Scope of Work: develop and run experiments on large scale network behavior using Volunteer Science.

2016-2018   Non-PI Awardee Army Research Laboratory Network Science Collaborative Technology Alliance (NSCTA) "Mathematically grounded Metrics and Models for Dynamic Multi-Genre Networks" (PI David Lazer, *amount $440,000*)

Scope of Work: develop behavioral experiments on Volunteer Science for testing properties derived from formal networks.

2015-2016   Awardee and Project Lead, Knight Foundation Prototype Fund Grant, "Public Access for Pricing Personalization" (with David Lazer, Alan Mislove, and Christo Wilson, **amount $35,000**)

Scope of Work: develop browser plugin to enable individuals to see when they are receiving different prices and search results from online retailers implemented in Volunteer Science.

2015-2016   Awardee, Mellon Dissertation Fellowship, University of Chicago (**amount $23,000**)

INVITED TALKS

2021   "Primer on Citizen Science" UN Development Program Accelerator Labs (virtual)

2020   "Are No Excuses Charter Schools Effective?" Harvard Graduate School of Education, Boston, MA

PRESENTATIONS

2019   "Coupled to the Core: Endorsing School Accountability and Failing Anyway" Eastern Sociological Society, Boston MA

"Testing Higher-Order Network Structures in two Online Experiments" Eastern Sociological Society, Boston MA (with Briony Swire-Thompson and David Lazer)

2017   "An Exploratory Study of Data Quality and Participation in a Games-for-Science Game Community." Games4NLP Workshop at the Annual European Association for Computational Linguistics Conference, Valencia, Spain. (with David Lazer)

2016   "Testing Higher-Order Network Structures in an Online Experiment" February. Poster presentation at the ACM Conference on Computer Supported Cooperative Work (CSCW). San Francisco.
April. INSNA Sunbelt 2016. Newport Beach, CA.
June. Collective Intelligence 2016. New York.

"From Emic to Etic: The Performativity of Organizational Culture in an Urban Charter School." Chicago Ethnography Conference.

"Organizational Cognition and Hyper-Rationality in a Charter School" Kellogg-Booth Student Symposium

2015   "From Emic to Etic: The Performativity of Organizational Culture in an Urban Charter School."

August. Annual Meeting of the American Sociological Association.
February. Annual Meeting of the Eastern Sociological Society.

"A Framework for Laboratory Experiments in Social Organization."
August. Annual Meeting of the American Sociological Association.
February. Annual Meeting of the Eastern Sociological Society. (With David Lazer)

2014   "Conducting Massively-Open Online Social Experiments with Volunteer Science."
November: Invited Talk. Citizen+X Workshop, Conference on Human Computation & Crowdsourcing, Pittsburgh, PA (with David Lazer, Brooke Foucault-Welles, Brian Keegan, Christoph Riedl, M. Scott Poole, and Jefferson Hoye)

"Architectures of Virtual Decision-Making: The Emergence of Gender Discrimination on a Crowdfunding Website"
June: Oral Presentation, Collective Intelligence 2014, Cambridge, MA

2013   "Emergence of Gender Inequality on a Crowd-Funding Website"
August: Regular Session, American Sociological Association Annual Conference, New York.
April: Gender Matters, Annual Conference, DePaul University, Chicago.
February: Social Theory and Evidence Workshop, University of Chicago.

2012   "Being a Man, Talking Like a Woman: Separating Sex and Gender Using Computational Content Analysis." Paper presented at the Annual Meeting of the Midwestern Sociological Society, Minneapolis, MN and the Engendering Change: Chicago Area Graduate Gender/Sexualities Conference, Chicago, IL.

TEACHING

Workshops & Tutorials

2019   "Designing and Conducting Online Lab Experiments on Social Networks."
- Sunbelt Conference, Montreal, QC

"Building your own Online Lab with Volunteer Science"
- Web Science Conference, Boston, MA.

"Introduction to Python: Programming, Web Scraping and Manipulating Text"
- UMass Amherst, Institute for Social Science Research
- Northeastern University, College of Social Science and Humanities

2017   "Building your own Online Lab with Volunteer Science."
- International Conference on Web and Social Media (ICWSM), Montreal, QC.
- Harvard University, Institute for Quantitative Social Science

2016   "Workshop: Performing Online Experiments with Volunteer Science"
- International Conference for Computational Social Science, Chicago, IL
- Computer Supported Cooperative Work, San Francisco, CA.

Courses

2013   Teaching Assistant
                Global Society, Global Culture; with Professor Karin Knorr
                Crime and the City; with Professor Forrest Stuart

2012-2013   Teaching Intern
                Social Sciences Inquiry Core (3 Quarters)

RESEARCH POSITIONS

2019 —   CEO, Volunteer Science Inc.

2014-2016   Visiting Researcher, Lazer Lab, Northeastern University.

2013-2014   Coop, IBM Center for Advanced Learning

2010-2011   Research Assistant, Professor Elisabeth Clemens, University of Chicago

2008-2010   Research Assistant, University of Chicago Survey Lab

2010   Research Assistant, Chapin Hall at the University of Chicago

2009-2010   Research and Development Consultant, Center for What Works

2006-2007   Researcher/Coordinator, Appalachian and Community Together,
                Appalachian State University Public Service Research Program

PROFESSIONAL ACTIVITIES

2019-2020   Program Committee, Social Informatics
2017-2018   Program Organizer, Volunteer Science Fellows program
2017-2018   Program Committee, International Conference on Complex Networks,
                2018
2016   Workshop Organizer, "Designing Online Experiments: Citizen Science
                Approaches to Research," ACM Computer Supported Cooperative Work.
2014   Program Committee Member, World Congress on Social Simulation 2014
2012-2013   Co-Founder, Coordinator, Computational Social Sciences Workshop,
                University of Chicago
2012-2013   Member, Communication Committee, Midwestern Sociologists for
          Women in Society

2011-2013   Member, Book Review Board, *American Journal of Sociology*