

Ethan Fridmanski

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EDUCATION

University of Notre Dame,

Doctor of Philosophy (Ph.D.) in Sociology

2013 – 2019

Graduation Date - May 2019

Dissertation: *Power in Decentralized Networks: A case study and typology of cryptocurrencies*

Qualifying Exams: *Statistics and Methods & Social Networks*

Master of Arts (M.A.) in Sociology

2013 – 2015

Thesis Title: "Online Communities: A Case study of Religion and Politics in the age of the Internet"

Illinois State University,

Bachelor of Science (B.S.) in History

2008 – 2013

Thesis Title: "The Psychological Function of Myth in the Confederate South: Evangelism during the Civil War 1861-1865"

Cum Laude

Cumulative GPA: 3.5 / 4.00

MANUSCRIPTS IN PROGRESS

Ethan Fridmanski. (Dissertation Project). *Power in Decentralized Network: A case study and typology of cryptocurrencies.*

Ethan Fridmanski. "Collecting and Parsing Blockchain Data for the Social Sciences: An application of big data analysis".

Ethan Fridmanski. "Class Struggle in our Technocratic World: How technology further divides the working class".

Ethan Fridmanski. (Statistical Package in the R Programming Language). "Simulating Ego Networks to Measure Assortativity of Network Traits (White Paper Name)". assortsim - Proposed Package Name.

David Hachen, Ethan Fridmanski, Michael Wood, and Omar Lizardo. "Clustering in a Newly Forming Social Network by Subjective Perceptions of Loneliness".

David Hachen, Michael Wood, Omar Lizardo, and Ethan Fridmanski. "Chronotype and Network Attributes using Survey and Behavioral Measures".

Amy Langenkamp, Nicole Perez, and Ethan Fridmanski. "Immigration Status and Live at Home Preference during Post-Secondary Education Experiences".

John Lubker, Laura Carlsen, and Ethan Fridmanski. "Ethical Leadership Training in Graduate Student Pathways".

PRESENTATIONS

American Sociological Association: Annual Meeting, August 2018: Philadelphia, Pennsylvania. "Cryptocurrencies and blockchain applications as automated organizations: A typology of different cryptocurrencies and their power distributions".

North Central Sociological Society: Annual Meeting, April 2018: Pittsburgh, Pennsylvania. "Power in Decentralized Network: A case study of cryptocurrencies".

International Leadership Association: Annual Meeting, October 2017: Brussels, Belgium. "Ethical Leadership Training in STEM (ELSTEM)".

North Central Sociological Society: Annual Meeting, April 2017: Indianapolis, Indiana "Bitcoin: Theorizing about Organizational Influence on a Decentralized Transaction Network".

North Central Sociological Society Annual Meeting, Spring 2015: Cleveland, Ohio "Online Communities: A Case study of Religion and Politics in the age of the Internet"

Society for the Scientific Study of Religion Annual Meeting, Fall 2014: Indianapolis, Indiana "Atheism and the Colonial Legacy: An exploration of the non-religious production of knowledge".

RESEARCH EXPERIENCE	Interdisciplinary Center for Network Science , University of Notre Dame Graduate Research Assistant Supervisor: Dr. David Hachen Duties: Help manage large scale network data with R and Python and perform statistical analyses on this network data. 2016 –
	The Graduate School , University of Notre Dame Graduate Research Assistant - Research Analyst Project: EL-STEM (Creating Ethical Leaders in STEM) Supervisor: Dr. John Lubker Duties: An NSF funded project where I help create and analyze assessments to measure student outcomes in a pilot program for Ethics Training in STEM at the University of Notre Dame. 2015 –
	Center for Research on Educational Opportunity , University of Notre Dame Graduate Research Assistant Supervisor: Dr. Amy Langenkamp Duties: Performing statistical analyses in STATA for multiple projects. I mostly perform Multiple Imputation, Multinomial Logistic Regression, and Logistic Regression on educational data. 2017 – 2018
	Department of Sociology , University of Notre Dame Graduate Research Assistant Supervisor: Dr. Eugene Halton 2013 – 2014
	Department of History , Illinois State University Undergraduate Research Assistant Supervisor: Dr. Georgia Tsouvola 2012
TEACHING EXPERIENCE	Department of Sociology , University of Notre Dame Instructor of Record: SOC30903, Statistics for Social Science Research 2018
	Department of Sociology , University of Notre Dame Graduate Teaching Assistant Supervisor: Dr. Michael Welch 2014 – 2016
	Centennial High School , Champaign Illinois Student Teacher Department of History Classes: Taught one section of Honors Ancient History, two sections of Ancient History, and one section of Honors American History 2013
	University High School , Normal Illinois Undergraduate Teaching Assistant Department of History 2012
ADDITIONAL TRAINING	Network Analysis Workshops , SUNBELT Multilevel Modelling with Ego network Data Exponential Random Graph Models 2016
	Geo-spatial Statistical Analysis , University of Notre Dame - Center for Digital Scholarship Workshop on geo-spatial statistical analysis using the open source software QGIS 2015
COMPUTATIONAL SKILLS	Professional Proficiency in R, Python, and the Unix operating system. Familiar with STATA (MATA), C++, LaTeX, and BUGS (a GIBBS sampler for Bayesian Data Analysis)
RESEARCH AND TEACHING INTERESTS	Network Analysis Quantitative Methodology Computational Social Sciences Economic Sociology Marxism

HONORS & AWARDS	Best Paper Award, International Leadership Association Annual Meeting "Ethical Leadership in STEM"	2016
PROFESSIONAL AFFILIATIONS & ACTIVITIES	Student Representative , University of Notre Dame, Sociology Department Graduate Admissions Committee Duties: Helped Organize Activities and Select the Incoming 2018 Cohort	2017 – 2018
	Student Representative , University of Notre Dame, Sociology Department Faculty Meeting Representative Duties: Attend Department of Sociology faculty meetings on behalf of the graduate students from the department.	2016 – 2017
	American Sociological Association , USA Member	2013 – Present
	North Central Sociological Association , USA Member	2013 – Present
	Midwestern Sociological Association , USA Member	2017 – Present
	International Leadership Association , Global Member	2016 – Present
REFERENCES	<p>Dr. David Hachen Associate Professor and Co-Director of ICENSA University of Notre Dame Department of Sociology Jenkins-Nanovic Hall, Notre Dame Indiana, 46556 dhachen@nd.edu</p> <p>Dr. Omar Lizardo Professor University of Notre Dame Department of Sociology Jenkins-Nanovic Hall, Notre Dame Indiana, 46556 olizardo@nd.edu</p> <p>Dr. Amy Langenkamp Associate Professor of Sociology University of Notre Dame Department of Sociology Jenkins-Nanovic Hall, Notre Dame Indiana, 46556 alangenk@nd.edu</p> <p>Dr. John Lubker Associate Dean of the Graduate School University of Notre Dame The Graduate School 502 Main Building, Notre Dame Indiana, 46556 jlubker1@nd.edu</p>	