

Curriculum Vitae

John Hamilton Bradford, M.A., Ph.D.

Education

- 2010 Ph.D. Sociology - University of Tennessee, Knoxville
Areas: Political Economy, Theory, Environmental Sociology, Research Methods.
Dissertation: “[Systems, Social Order, and the Global Debt Crisis.](#)”
Committee Chair: Harry F. Dahms.
Committee Members: Steven P. Dandaneau, R. Scott Frey, and Allen Dunn
- 2007 M.A. Sociology - University of Tennessee, Knoxville
Thesis: “The Falling Rate of Profit Thesis Reassessed: Toward a Sociology of Marx’s Value Theory of Labor”
- 2003 B.A. General Studies - Louisiana State University, Baton Rouge
Minors: Religious Studies, Philosophy, Political Science

Professional Experience

- 2012 - Assistant Professor of Sociology, Mississippi Valley State University
- 2016 - Co-QEP Director for Data Collection & Analysis
- 2016 - Program Assessment Committee
- 2014 - QEP (Quality Enhancement Plan) Oversight Committee
- 2015-16 Research Assistant, Minority Men’s Health Initiative, CVD Research Project
- 2014-15 Visiting Scholar, Social Sciences Research Center, Mississippi State University
- 2013 - Editorial Board, *Current Perspectives in Social Theory*
- 2011-12 Lecturer, University of Alabama, Huntsville
- 2010-11 Lecturer, University of Tennessee
- 2007-10 Graduate Teaching Associate, University of Tennessee
- 2005-07 Graduate Teaching Assistant, University of Tennessee

Scholarly Publications (2012 – 2017)

Bradford, John H. 2017. “The Surprising Link Between Education and Fatal Police Shooting Rates in the U.S., 2013-2016.” Open Science Framework. October 16. DOI: osf.io/fjpaq

Bradford, John Hamilton and Alexander M. Stoner. 2017. “The Treadmill of Destruction in Comparative Perspective: A Panel Study of Military Spending and Carbon Emissions, 1960-2014.” *Journal of World-Systems Research* 23(2):298–325. DOI: <https://doi.org/10.5195/jwsr.2017.688>

Bradford, John Hamilton (2014), “Explaining Social Action Revisited: A Reply to John Levi Martin”, in Harry F. Dahms (ed.) *Mediations of Social Life in the 21st Century (Current Perspectives in Social Theory, Volume 32)*

Emerald Group Publishing Limited, pp.259 – 269. DOI: <http://dx.doi.org/10.1108/S0278-120420140000032010>

Bradford, John and Alex Stoner (2014), “The Treadmill of Destruction and Ecological Exchange in Comparative Perspective: A Panel Study of the Biological Capacity of Nations, 1961-2007”, *Contemporary Journal of Anthropology and Sociology* 4(2), 87-113, available online at: http://ask.anthroniche.com/wp-content/uploads/2015/10/cjas_4_2_2014_part_3_bradford_and_stoner.pdf .

Bradford, John Hamilton (2013), “Explaining Explanation: A Critical Review of John Levi Martin’s The Explanation of Social Action”, in Harry F. Dahms (ed.) *Social Theories of History and Histories of Social Theory (Current Perspectives in Social Theory, Volume 31)*, Emerald Group Publishing Limited, pp.309-332. DOI: [http://dx.doi.org/10.1108/S0278-1204\(2013\)0000031010](http://dx.doi.org/10.1108/S0278-1204(2013)0000031010)

Bradford, John Hamilton (2012), “Communication, Language, and the Emergence of Social Orders,” in Harry F. Dahms, Lawrence Hazelrigg (ed.) *Theorizing Modern Society as a Dynamic Process (Current Perspectives in Social Theory, Vol. 30)*, Emerald Group Publishing Limited, pp.99-149. DOI: [http://dx.doi.org/10.1108/S0278-1204\(2012\)0000030009](http://dx.doi.org/10.1108/S0278-1204(2012)0000030009)

Bradford, John H. (2012), "Capital, the State, and the Monetary Mode of Power: A Review of Nitzan and Bichler's Capital as Power." *Review of Political Economy*: vol. 24 (4). pp. 643-661. DOI: <http://dx.doi.org/10.1080/09538259.2012.701932>

Jones, Robert Emmet, Kimberly L. Davis and John Bradford (2012). “The Value of Trees: Factors Influencing Homeowner Support For Protecting Local Urban Trees,” *Environment & Behavior*. Published online before print May 9, 2012. DOI: 10.1177/0013916512439409.

Service to University

- University Faculty Senate (2017 -)
- Co-QEP Director for Data Collection & Analysis (2016 -)
- Program Assessment Committee (2016 -)
- QEP (Quality Enhancement Plan) Oversight Committee (2014 -)
- University Academic Policy Council (2014 -)
- Summer Research Grant Committee (2015)
- *Ad Hoc* Sabbatical Evaluation Committee (2015)

Service to Social Sciences Department & Sociology Program

- Sociology Program Coordinator, MVSU (2012 – 2014, 2017 -)
- Chair of the Social Sciences Recruitment and Retention Committee (2013 - 2016)
- Faculty adviser to the Social Science Student Council (2012 - 2016)
- Social Sciences Assessment and Curriculum Committee (2012 -)
- Social Sciences Website Liaison (2013 -)
- Social Sciences Grant Writing Committee (2016 -)
- Social Sciences Academic Resources/Textbook Committee (2016 -)
- Rural Public Policy and Planning Search Committee (2017)

Data Repositories

- Bradford, John Hamilton (2017): Fatal Police Shootings (2013-2016) & County Level Data. figshare. DOI: <https://doi.org/10.6084/m9.figshare.5099536.v8>

Interactive Data Visualizations Using R (2012-2017)

- Police Shooting Demographics: <https://johnbradford.shinyapps.io/policeshooting/>
- County Heatmaps (American Community Survey Data): <https://johnbradford.shinyapps.io/countyMaps/>
- County Crime and Health Data Analysis: <https://johnbradford.shinyapps.io/countyCrimeHealth>
- Power Analysis Determining Sample Size: https://johnbradford.shinyapps.io/PowerAnalysis_SampleSize/
- Standard Error & Sampling Distribution: <https://johnbradford.shinyapps.io/standardError/>
- Histograms, Boxplots, Scatterplots: https://johnbradford.shinyapps.io/variance_and_r-squared/

Agent-Based Models Using NetLogo (2012-2017)

- Social Norms (Emperor's Dilemma): http://bit.ly/Bradford_NetLogo_SocialNorms
- Sakoda's Model of Social Interaction: http://bit.ly/Bradford_NetLogo_Sakoda
- Leviathan: http://bit.ly/Bradford_NetLogo_Leviathan
- A Cooperative Species (Bowles & Gintis): http://bit.ly/Bradford_NetLogo_CooperativeSpecies
- WFF N PROOF (Logic Game): http://bit.ly/Bradford_NetLogo_WFF
- Minding Norms: http://bit.ly/Bradford_NetLogo_HuntingNorms

Courses Taught (2012-2017)

Lower level: Introduction to Sociology; Social Psychology; Social Problems

Upper level & Graduate: Statistics, Research Methods, Writing for the Social Sciences; Sociological Theory (contemporary and classical), Environmental Sociology; Power and Society.

Awards, Honors, Grants (2012 – 2017)

- 2016 University of Mississippi's Open Educational Resources (OER) with support from the William and Flora Hewlett Foundation (\$4,000). Awarded February 2017 and June 2017.
- 2013 Summer Research Grant 2013, Mississippi Valley State University, Faculty Development. Submitted April 19th, 2013.

Professional Organizational Membership (2012-2017)

- American Sociological Association
- Southern Sociological Society
- Southwest Social Science Association
- Mississippi Political Science Association

Special Skills

Statistical Software & Programming

R/RStudio*
Stata*
SPSS
NCSS

Agent-Based & Systems Modeling

NetLogo*
STELLA*
InsightMaker

Data Curation, Mining, & Analysis

R/RStudio*
OpenRefine
Git/Github
DataProofer
Excel

Citation Management & Online Learning

Zotero
Blackboard Course Instruction
Camtasia (Video Editing)
Markdown/R Markdown
Static Website Engines (e.g. Hugo)

Data Visualization Tools

Tableau
Plotly
PowerBI (Microsoft ®)
RAWGraphs
R Exploratory
Orange
Datazar
Voyant Tools
Media Cloud

Datasets Frequently Used in Teaching & Research

General Social Survey (GSS)
National Longitudinal Survey of Youth (NLSY)
American Community Survey (ACS)
Current Population Survey (CPS)
Stanford Education Data Archive (SEDA)
United Nations Commons Database (UNCD)
World Development Indicators (WDI)
World Economic Outlook (WEO)
Direction of Trade Statistics (DOT)
Uniform Crime Reports (UCR)
Standardized World Income Inequality Database
Stockholm International Peace Research Institute
Correlates of War (COW)
Polyarchy datasets

Network Analysis

Gephi
UCINET

Select Presentations at Professional Conferences (2012 – 2017)

- 2017 “Trump and the Age of Post-Truth.” Annual Conference of the Mississippi Political Science Association in Jackson, MS, April 6-9, 2017.
- 2016 “The Perils of Diversity: Revisiting Putnam and Vanhanen.” Annual Conference of the Mississippi Political Science Association at Mississippi Valley State University, February 12-13, 2016.
- 2015 “The Treadmill of Destruction and Ecological Exchange in Comparative Perspective: A Panel Study of the Biological Capacity of Nations, 1961-2007.” Ecologically Unequal Exchange: Environmental Injustice in Comparative and Historical Perspective in Knoxville, TN, October 15-16, 2015.
- 2015 Kathuria, Sheeji, John Bradford, and Justin Kani. “Assessment of Research Consultation Services: Identifying Opportunities for Outreach Using LibAnalytics.” 2015 American Library Association Annual Conference in San Francisco, CA, June 25-30, 2015.
- 2015 “Death Camp Empiricism: Is Viktor Frankl’s Logotherapy an Empirical Science?” 2015 Annual Conference of the Mississippi Political Science Association in Jackson, MS, February 13-14, 2015.
- 2014 “Monetary Reforms, Revolutions, and Utopias: A Critical Analysis of New Money Paradigms.” International Social Theory Consortium Conference at the University of Tennessee, May 21st, 2014.
- 2013 “Modeling Financial and Status Hierarchies with Agent-Based Models,” Southern Sociological Society meeting, April 26th, 2013.
- 2013 “Using Multi-Agent Simulations to Model Status Hierarchies,” Southwestern Social Science Association Annual Meeting in New Orleans, LA, March 28, 2013.
- 2012 “Teaching Power in the Undergraduate Classroom,” Annual Meeting of the Mississippi Political Science Association at Delta State University in Cleveland, MS, Nov. 2-3, 2012.
- 2012 “Anti-Realism and the Emergence of Distinction,” The International Social Theory Consortium Conference at Flagler College, St Augustine, Florida, May 17-19.
- 2012 “Modeling Status Hierarchies and Income Inequality Using Multi-Agent Simulations,” Southern Sociological Society meeting, March 21-24.