

Bryce Hannibal

Curriculum Vitae, September 2017

Bush School of Government and Public Service
 Institute for Science, Technology and Public Policy
 Texas A&M University
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ACADEMIC APPOINTMENTS

- 2017-** Lecturer. Department of Public Service and Administration. The Bush School of Government and Public Service. Texas A&M University.
- 2017-** Assistant Research Scientist. Institute for Science, Technology, and Public Policy. The Bush School of Government and Public Service. Texas A&M University.
- 2015-2017** Postdoctoral Research Associate. Institute for Science, Technology, and Public Policy. The Bush School of Government and Public Service. Texas A&M University.

EDUCATION

- 2015 Ph.D. Sociology** Texas A&M University, College Station, Texas. Chair: Hiroshi Ono
- 2015** Advanced Research Methods Certificate. College of Education and Human Development, Texas A&M University
- 2011 M.S. Sociology** Texas A&M University, College Station, Texas. Chair: Harland Prechel
- 2008 B.S. Sociology** Brigham Young University-Idaho, Rexburg, Idaho

RESEARCH INTERESTS

Public Policy, Political Economy, Social Networks, Environmental Sociology, Human-Natural Systems, Environmental Health

PUBLICATIONS

Peer-Reviewed Journal Articles

Hannibal, Bryce. Kent Portney. "Correlates of the Awareness of the Food-Energy-Water Nexus Among the American Public." Forthcoming in *Social Science Quarterly*

Hannibal, Bryce and Hiroshi Ono. “Relationships of Collapse: Network Brokerage, Opportunism and Fraud in Financial Markets.” Forthcoming at *International Journal of Social Economics*

Portney, Kent. **Bryce Hannibal**, Carol Goldsmith, Peyton McGee, Xinsheng Liu, Arnold Vedlitz. 2017 “Awareness of the Food-Energy-Water Nexus and Public Policy Support in the United States: Attitudes among the American People.” *Environment and Behavior* (Doi: 10.1177/0013916517706531)

Hannibal, Bryce, Xinsheng Liu, Arnold Vedlitz. 2016. “Personal Characteristics, Local Environmental Conditions, and Environmental Concern: A Multilevel Analysis.” *Environmental Sociology* 2(3):286-297 (Doi: 10.1080/23251042.2016.1197355)

Pals, Heili, Tony Love, **Bryce Hannibal**, Warren Waren. 2016. “The Consequences of School Environment and Locus of Control on Adulthood Deviant Behavior.” *Deviant Behavior* 37(9):1003-1022 (Doi: 10.1080/01639625.2016.1167430)

Other Publications

Hannibal, Bryce. 2016. “Performing Punk, by Erik Hannerz (2015).” *Contemporary Sociology: A Journal of Reviews*. 45(4):446-447

Manuscripts Under Review

Hannibal, Bryce. “Network Diversity and the Closure Penalty in Creative Careers.”

Paarlberg, Laurie, **Bryce Hannibal**, and Jasmine McGinnis Johnson. “Whom you know? Or How you do?: Examining the influence of board networks on the grant making of public foundations.”

Hannibal, Bryce and Arnold Vedlitz. “Social Capital and the Environment: The Effect of Interpersonal Communication on Climate Change Knowledge and Policy.”

Hannibal, Bryce and Arnold Vedlitz. “Throwing it Out: Introducing a Nexus Perspective in Examining Citizen Perceptions of Organizational Food Waste in the U.S.”

Kurian, Matthew, Kent E. Portney, Gerhard Rappold, **Bryce Hannibal**, Solomon H. Gebrechorkos. “Governance of the Water-Energy-Food Nexus: A Social Network Analysis Approach.”

Works in Progress for Peer-review

Hannibal, Bryce, Xinsheng Liu, Portney. “Perceptions of Government Competence and its Influence on Policy Preferences about Lone Wolf Terrorism.”

Hannibal, Bryce and Kent Portney. “The Effects of Environmental Hazards on Attitudes and Behaviors about Water Management: A Multi-Level Analysis.”

Kurian, Mathew, V. Ratna Reddy, Kent Portney, Graham Alabaster, **Bryce Hannibal**. “The Nexus as Development Practice: Trade-offs, Thresholds & Networks for Integrative Monitoring of Environment Resources.”

Hannibal, Bryce and Kent Portney. “The Influence of Fracking: How Proximity to Wells Influences Individual Concern and Policy Preferences about Fracking.”

Hannibal, Bryce, Lindsay Sansom, Kent Portney. “The Effect of Local Water Scarcity and Drought on Water Conservation Behaviors.”

Hannibal, Bryce and Xinsheng Liu. “(Re)examining the Influence of Government Agents in National Policy Making Process.”

ONGOING RESEARCH GRANTS

2017 Key Personnel:

Assessment of Risks and Vulnerability in Coupled Human-Physical Networks of Houston's Flood Protection, Emergency Response, and Transportation Infrastructure in Harvey. *National Science Foundation*. Ali Mostafavi, PI. Total Award \$188,000

Key Personnel:

Thrust 4, Engineering Research Center for Precise Advanced Technologies and Health Systems for Underserved Populations (PATHS-UP). *National Science Foundation*. Mark Lawley, PI. Arnold Vedlitz, Co-PI. Total Award \$19,750,000

2016 Senior Personnel:

“Risk Perception, Threat, and Anxiety Decay in Lone-Wolf Terrorist Events in the U.S.” *National Science Foundation* (SES – Decision Risk and Management Science RAPID Program). March 2016-February 2017. Kent Portney, PI. Jeryl Mumpower and Arnold Vedlitz, Co-PI. Total award \$186,016

PROFESSIONAL PRESENTATIONS (INVITED PRESENTATIONS WITH *)

2017 *Public Concern and Support for Regulation of UOGD: Individual and Contextual Influences on Texas Residents*. American Sociological Association annual meeting. Montreal, Canada

Network Diversity and the Closure Penalty in Creative Careers. American Sociological Association annual meeting. Montreal, Canada

Governance of the Water-Energy-Food Nexus: A Social Network Analysis Approach. United Nations University Dresden Nexus Conference. Dresden, Germany

Water Scarcity and its Effect on Human Behaviors. University Council of Water Resources/National Institute for Water Resources Annual Conference “Water in a Changing Environment.” Fort Collins, CO

Throwing it out: Introducing a Nexus Perspective in Examining Citizen Perceptions of Organizational Food Waste in the U.S. Southwestern Social Science Association annual meeting. Austin, TX.

The Effects of Environmental Hazards on attitudes and Behaviors about water Management: A Multilevel Analysis. Southwestern Social Science Association annual meeting. Austin, TX.

Mental Models of the Water, Energy, Food Nexus. Midwest Political Science Association annual meeting. Chicago, IL.

2016 *Throwing it Out: Examining Citizen Perceptions of Domestic Food and Water Waste.* Inaugural Postdoctoral Research Symposium: Reproducibility and Transparency in Scientific Discovery. Texas A&M University

Political Ideology and the Invisible Environment: A Multi-Level Analysis of Biophysical Impacts on Individual Behaviors and Attitudes about Water. American Sociological Association annual meeting. Seattle, WA.

Cognitive Awareness of the Water-Energy-Food Nexus: Public Attitudes among the American People. American Sociological Association annual meeting. Seattle, WA.

Public Awareness of the Water-Energy-Food Nexus. American Political Science Association annual meeting. Philadelphia, PA

Social Determinants and Political Implications of the Water-Energy-Food Nexus. 16th National Conference and Global Forum on Science, Policy and the Environment. Washington DC

2015 *The Consequences of School Environment and Locus of Control on Adulthood Deviant Behavior.* American Sociological Association annual conference. Chicago, IL

2014 *Relationships of Collapse: Structural Holes, Opportunism and Fraud in Financial Markets.* American Sociological Association annual conference. San Francisco, CA.

**Relationships of Collapse: Structural Holes, Opportunism and Fraud in Telecommunications Financial Markets.* CIRANO Workshop on Networks in Trade and Finance. Fayetteville, AR

2013 *Political Embeddedness and Market Fundamentalism: How Deregulation Collapsed Telecommunications.* American Sociological Association annual conference. New York, NY.

2013 *Political Embeddedness and Structural Change in Telecommunications.* Southwestern Social Science Association annual conference. New Orleans, LA

- 2012 *Political Embeddedness, Executive Autonomy, Corporate Characteristics, and Financial Malfeasance in Large Telecommunications Companies*. Southern Sociological Society annual conference. New Orleans, LA
- 2007 *Perceptions of Technology and Teaching: Podcasts in the Classroom*. Pacific Sociological Association annual conference. Portland, Oregon

WORKSHOPS DIRECTED

- 2014 Full-day Graduate Workshop “Social Network Analysis: Theory and Application.” The Department of Sociology. Texas A&M University (March ‘14). The Department of Management. MAYS Business School, Texas A&M University (April ‘14)

HONORS AND AWARDS

- 2014 Professional Development Grant: Department of Sociology, Texas A&M University (\$2,200)
Department of Sociology Departmental Travel Grant (\$500)
- 2013 Professional Development Grant: College of Liberal Arts & Department of Sociology, Texas A&M University (\$4,100)
Department of Sociology Departmental Travel Grant (\$300)
President’s Scholar Program Grant: (\$1,511)
- 2012 Professional Development Grant: College of Liberal Arts & Department of Sociology, Texas A&M University (\$3,340)
Continuing Graduate Student Grant: Texas Department of Public Education, (\$1,500)
- 2010 Department of Sociology, Texas A&M University. (\$1,000)
- 2009 Department of Sociology, Texas A&M University. (\$1,000)

TEACHING EXPERIENCE

- 2017 Quantitative Methods of Public Management I (BUSH 631, online and in residence)
- 2014 Sociology of Work (SOC 426, 2 sections)
- 2013-2014 Contemporary Social Theory (SOC 430)
- 2012-2013 Classical Sociological Theory (SOC 230)
- 2011-2012 Global Social Trends (SOC 206)

Undergraduate Instructor, Full Teaching Responsibility, Department of Sociology, Brigham Young University-Idaho

- 2007 Special Topics in Sociology: The Sociology of Music (SOC 490R)

CONSULTING

- 2016-17 Texas Target Communities: Community outreach project on transforming communities from high risk/low opportunity to equitable, resilient, and adaptive by mitigating the threats to the economy, environment, and culture. I assisted in developing

a relational questionnaire and developing methods and models to create and analyze the social network structures of community participation. Institute for Sustainable Communities. College of Architecture, Texas A&M University

- 2016 Community Health Needs Assessment Administrator. Columbus Community Hospital. Columbus, TX. Participated in focus group, data collection, and assessment of health needs of community in rural Texas.
- 2014 Social Network Analysis Consultant: Department of Management, Mays Business School. Lead Researchers: Duane Ireland and Mike Hitt.
I provided consulting advice on network measures/statistics for Phase 2 of a research grant at the Mays Business School. The Phase 2 research was funded by the Department of Defense (DOD) and the National Institute of Standards and Technology on behalf of the Defense Production Act Committee's (DPAC) Telecom Study Group, which is co-chaired by the DOD and the White House Office of Science and Technology Policy.

ADDITIONAL EMPLOYMENT AND RESEARCH EXPERIENCE

- 2010-12 Undergraduate Senior Thesis and Capstone Advisor: Department of International Studies, Texas A&M University
- 2011 Texas A&M University – Graduate Research Assistant. Race and Ethnic Studies Institute (RESI). Supervisor: Dr. Verna Keith
Duties: I compiled a comparative dataset of research institutes that focus on disparities of race and ethnicity.
- 2010-11 Academic Advisor: Department of International Studies, Texas A&M University
- 2010-11 Teaching Assistant: Department of International Studies, Texas A&M University
- 2009-10 Texas A&M University - Graduate Research Assistant. Title of Project: “The Extent and Underlying Cause(s) of Corporate Malfeasance in U.S. Corporations.” Supervisor: Dr. Harland Prechel
Duties: I collected data and cleaned large longitudinal datasets.

MEDIA PRESENCE

“Texas A&M Bush School Researchers Report on Connections Among Water, Energy And Food Policy Issues.” 11/30/2015. (<http://www.kbtx.com/news/local/headlines/Texas-AM-Bush-School-Researchers-Report-On-Connections-Among-Water-Energy-And-Food-Policy-Issues-359069521.html>)

“Dissertation Abstract: Bryce Hannibal on Jazz Collaboration Networks.” 5/31/2015. (<http://oowsection.org/2015/05/31/dissertation-abstract-bryce-hannibal-on-jazz-collaboration-networks/>)

PROFESSIONAL DEVELOPMENT

- 2014 LINKS Center workshop on social network analysis. Advanced Network Analysis: Department of Management, University of Kentucky. Instructor: Dr. Steve Borgatti

- 2013 LINKS Center workshop on social network analysis. Analyzing Network Data: Department of Management, University of Kentucky. Instructors: Dr. Steve Borgatti & and Dr. Rich DeJordy
- 2012 LINKS Center workshop on social network analysis. Introductory session: Department of Management, University of Kentucky. Instructors: Dr. Dan Brass & Dr. Dan Halgin
- 2006 Graduate of the Reserve Police Academy, Rexburg Police Department; Rexburg, Idaho

PROFESSIONAL AFFILIATIONS

American Society for Public Administration
 American Sociological Association
 American Political Science Association
 International Network for Social Network Analysis

PROFESSIONAL AND PUBLIC SERVICE

Manuscript reviewer for (past 5 years):

Social Forces, Environment & Behavior, Organization & Environment, Social Networks, Contemporary Sociology, Sociological Inquiry

Other Service

Council Member: American Sociological Association, Communication, Information, Technologies, and Media Sociology Section, 2017-
 Texas A&M Sociology Department Graduate Research Writing Group, Organizer, 2015-2017
 Student Committee: American Sociological Association, Economic Sociology Section, 2013-2014
 Student Awards Committee: Texas A&M University, Department of Sociology, 2013-2014
 Graduate Student Mentor Program: Texas A&M University, Department of Sociology, 2013-2014
 Cycling Merit Badge Counselor: Boy Scouts of America, 2013-2014
 Varsity Scout Coach: Troop 916, College Station, TX. Boy Scouts of America. 2013-2014
 Assistant Scout Master: Troop 717, Aurora, CO. Boy Scouts of America, 2008-09
 Golf Merit Badge Counselor: Boy Scouts of America, 2008-09

SOFTWARE PROFICIENCY

Proficient in STATA, Ucinet, Netdraw, Gephi, Excel, Powerpoint, Word
 Familiar with SPSS, R

LANGUAGES

Proficient in Spanish (reading, writing, and speaking)
 Fluent in English

REFERENCES

Dr. Hiroshi Ono

Professor
Graduate School of International Corporate Strategy
Hitotsubashi University
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