**Jonah Bea-Taylor**School of History and Sociology, Georgia Institute of Technology

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**Education**

Georgia Institute of Technology

PhD, History and Sociology of Technology and Science, expected December, 2017.
Dissertation Title: *Flood Control, Engineering and Metropolitan Development in Houston, Miami and Tampa, 1935-1985*

Committee Members: Steven Usselman (Advisor), John Krige, Jenny Smith

MS, History and Sociology of Technology and Science, 2013
Thesis Title: “Nanotechnology and Environmental Politics: From Sustainable Development to Eco-Efficiency.”

London School of Economics and Political Science

MSc, Organizational Psychology, with Merit, 2006
Thesis Title: “A Tale of Two Hurricanes: Media Discourses and Public Perception of Climate Change.”

Emory University

BA, Anthropology, 2003.

**Honors and Awards**

GT FIRE Graduate Teaching Fellowship, School of History and Sociology, 2015-2016.

NSF IGERT Fellow in “Nanostructured Materials for Energy Storage and Conversion,” 2012-2014.

Homer Rice Award for service to the graduate student community, School of History and Sociology, Georgia Institute of Technology, 2014.

Ivan Allen College Dean’s Fellowship, Georgia Institute of Technology, 2011-2012.

Society for Economic Anthropology, Schneider Prize undergraduate paper competition, honorable mention, 2003. Paper Title: “Japan and Rice Importation Issues: An Historical Inquiry.”

Phi Beta Kappa, Emory College, 2002.

**Presentations**

J. Bea-Taylor, “Building the Bayou City: The Corps of Engineers and Flood Control in Houston, 1935-1977.” Regional Studies Association North America Conference, Atlanta, GA. June 14-17, 2016.

J. Bea-Taylor, “Urban infrastructure, climate change, and expert communities in coastal US cities.” Ivan Allen College of Liberal Arts Graduate Student Paper Conference, Atlanta, GA. January 30, 2015.

J. Bea-Taylor (with A. Smith, S. Lai, N. Kleinhenz, & R. Hill), “Centrality As a Mechanism for Coordinated Problem Solving in Energy Frontier Research Centers.” Association for Public Policy Analysis & Management Fall Research Conference, Albuquerque, NM. November 8-10, 2014.

J. Bea-Taylor, “Nanotechnology in Thailand: Defining the Role of Emerging Technologies in Achieving Sustainable Development.” American Society for Environmental History Conference, San Francisco, CA. March 14-16, 2014.

J. Bea-Taylor, “Nanotechnology and Environmental Politics: From Sustainable Development to Eco-Efficiency.” The Southeast Regional Conference on the History of Science and Technology, Starkville, MS. March 22-23, 2013.

J. Bea-Taylor, “The Contributions of Systems Dynamics to Understanding Climate Challenges and Sustainability Solutions.” Boulder Conference on the History and Philosophy of Climate Science, University of Colorado, Boulder, CO. September 14-16, 2012.

**Publications**

Smith, A.M., Lai, S.Y., Bea-Taylor, J., Hill, R.B.M., Kleinhenz, N., 2016. Collaboration and change in the research networks of five Energy Frontier Research Centers. *Research Evaluation* rvw006. doi:10.1093/reseval/rvw006

**Other Articles**

J. Bea-Taylor (with A. Yi), “China on a Soft Energy Path.” *GreenBiz* (November, 2009)

J. Bea-Taylor, “Innovation Man: RMI’s Stephen Doig.” *RMI Solutions Journal* (July, 2008)

J. Bea-Taylor, “Beating the Energy Efficiency Paradox.” *TreeHugger* (May, 2008)

**Service**

Graduate Representative, School of History, Technology and Society, Georgia Institute of Technology, 2013-2015.

Ivan Allen College Graduate Student Advisory Board member, 2013-2016.

Organizing committee member, Southeast Regional Conference on the History of Science and Technology, Georgia Institute of Technology, 2014.

**Teaching Experience**

Georgia Institute of Technology, Atlanta, GA

Instructor, *Engineering in History* (June, 2017 – August, 2017; 30 hours/week)
Developed syllabus and active learning opportunities that focused on the history of various fields of engineering, including civil, hydraulic, and electrical.

Tech to Teaching Certificate, Center for Teaching and Learning, July 2017.
Courses in Fundamentals of Teaching in Learning in Higher Education and Course Design.

Teaching Assistant, 2014-2017. Organized distance learning sections of American History survey course for 70 students. Developed multimedia presentations for lectures. Led exam review sections and designed grading rubrics.

**Work Experience**

Freelance Communications Consultant, Denver, CO (2009-2011)

Directed startup communications and marketing package towards initial funding for Denver’s Living City Block. Designed and produced content for Wordpress-based websites.

Rocky Mountain Institute, Snowmass, CO (2007-2009)

Media Specialist. Developed communications strategy for both organizational and brand development. Managed and produced web content and images. Coordinated rollout of new content management system. Produced and edited promotional videos and multimedia presentations.