

**Curriculum Vitae**  
**Joseph T. Ripberger**

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CONTACT INFORMATION	University of Oklahoma Center for Risk and Crisis Management 201 Stephenson Parkway, 5 Partners Place, Room 2307 Norman, OK 73019	<i>Phone:</i> 405-325-5872 <i>E-mail:</i> jtr@ou.edu
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EDUCATION	Ph.D., Political Science, University of Oklahoma M.A., Political Science, University of Oklahoma B.A., Political Science, Miami University	December 2012 May 2011 May 2007
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ACADEMIC EMPLOYMENT	Assistant Professor Political Science University of Oklahoma	July 2016-Present
	Deputy Director for Research OU Center for Risk and Crisis Management OU Center for Energy, Security & Society	July 2014-Present
	Research Scientist Cooperative Institute for Mesoscale Meteorological Studies	July 2014-July 2016
	Post-Doctoral Research Associate Cooperative Institute for Mesoscale Meteorological Studies & the OU Center for Applied Social Research	January 2013-June 2014

PEER REVIEWED JOURNAL ARTICLES	Carlson, Deven E., Joseph T. Ripberger, Hank C. Jenkins-Smith, Carol L. Silva, Kuhika Gupta, Robert P. Berrens, and Benjamin A. Jones. Forthcoming. "Contingent Valuation and the Policymaking Process: An Application to Used Nuclear Fuel in the United States." <i>Journal of Benefit-Cost Analysis</i> .
	Gupta, Kuhika, Joseph T. Ripberger, and Wesley Wehde. Forthcoming. "Advocacy Group Messaging on Social Media: Using the Narrative Policy Framework to Study Twitter Messages about Nuclear Energy Policy in the United States." <i>Policy Studies Journal</i> .
	Jones, Benjamin A., Robert P. Berrens, Hank C. Jenkins-Smith, Carol L. Silva, Deven E. Carlson, Joseph T. Ripberger, Kuhika Gupta, and Nina Carlson. Forthcoming. "Valuation in the Anthropocene: Exploring options for alternative operations of the Glen Canyon Dam." <i>Water Resources and Economics</i> .
	Conner, Thaddieus, Matthew Nowlin, Thomas Rabovsky, and Joseph T. Ripberger. Forthcoming. "Cultural Theory and Managerial Values: Examining Trust as a Motivation for Collaboration." <i>Public Administration</i> .

- Ripberger, Joseph T., Carol L. Silva, Hank C. Jenkins-Smith, and Mark James. 2015. "The Impact of Consequence-Based Messages on Public Responses to Tornado Warnings." *Bulletin of the American Meteorological Society* 96:577-590.
- Ripberger, Joseph T., Carol L. Silva, Hank C. Jenkins-Smith, Deven E. Carlson, Mark James and Kerry G. Herron. 2015. "False Alarms and Missed Events: The Impact and Origins of Perceived Inaccuracy in Tornado Warning Systems." *Risk Analysis* 35:44-56.
- Ripberger, Joseph T., Hank C. Jenkins-Smith, Carol L. Silva, Deven E. Carlson, and Matthew Henderson. 2014. "Social Media and Severe Weather: Do 'Tweets' Provide a Valid Indicator of Public Attention to Tornadoes?" *Weather, Climate, and Society* 6:520-530.
- Jenkins-Smith, Hank C., Carol L. Silva, Kuhika Gupta, and Joseph T. Ripberger. 2014. "Belief System Continuity and Change in Policy Advocacy Coalitions: Using Cultural Theory to Specify Belief Systems, Coalitions, and Sources of Change." *Policy Studies Journal* 42:484-508.
- Ripberger, Joseph T., Kuhika Gupta, Carol L. Silva, and Hank C. Jenkins-Smith. 2014. "Cultural Theory and the Measurement of Deep Core Beliefs within the Advocacy Coalition Framework." *Policy Studies Journal* 42:509-527.
- Swearingen, C. Douglas, and Joseph T. Ripberger. 2014. "Google Insights and U.S. Senate Elections: Does Search Traffic Provide a Valid Measure of Public Attention to Political Candidates?" *Social Science Quarterly* 95:882-893.
- Ripberger, Joseph T., Geoboo Song, Matthew C. Nowlin, Michael D. Jones, and Hank C. Jenkins-Smith. 2012. "Reconsidering the Relationship between Cultural Theory, Political Ideology, and Political Knowledge." *Social Science Quarterly* 93:713-731.
- Ripberger, Joseph T., Thomas M. Rabovsky, and Kerry G. Herron. 2011. "Public Opinion and Nuclear Zero: A Domestic Constraint on Ditching the Bomb." *Politics & Policy* 39:879-1108.
- Ripberger, Joseph T., Hank C. Jenkins-Smith, and Kerry G. Herron. 2011. "How Cultural Orientations Create Shifting National Security Coalitions on Nuclear Weapons and Terrorist Threats in the American Public." *PS: Political Science & Politics* 44:715-719.
- Ripberger, Joseph T. 2011. "Capturing Curiosity: Using Internet Search Trends to Measure Public Attentiveness." *Policy Studies Journal* 39:239-259.
- Ripberger, Joseph T. 2011. "Whither Civil Defense and Homeland Security in the Study of Public Policy? A Look at Research on the Policy, the Public, and the Process." *Policy Studies Journal* 39:77-91.
- BOOK CHAPTERS Gupta, Kuhika, Joseph T. Ripberger, and Savannah Collins. 2014. "The Strategic Use of Policy Narratives: Jaitapur and the Politics of Siting a Nuclear Power Plant in India." In *The Science of Stories: Application of the Narrative Policy Framework*, ed by Michael D. Jones, Liz Shahanan, and Mark McBeth. New York, NY: Palgrave Macmillan.
- MANUSCRIPTS UNDER REVIEW Swearingen, C. Douglas, William C. Ellis, and Joseph T. Ripberger. Forthcoming. "Public Attention and Head-to-Head Campaign Fundraising: An Examination of U.S. Senate Elections."

Gupta, Kuhika and Joseph T. Ripberger. “Coalition Opportunity Structures and Policy Change: A Comparative Analysis of Nuclear Facility Siting Efforts in the United States.”

Jones, Benjamin A., Joseph T. Ripberger, Carol L. Silva, and Hank C. Jenkins-Smith. “Tornadoes, Floods, and their Health Consequences in Peripheral Communities.”

Cokely, Edward, Dafina Petrova, Adam Feltz, Joseph T. Ripberger, Gerd Gigerenzer, and Rocio Garcia-Retamero. “Promoting Informed Decision Making During a Crisis.”

MANUSCRIPTS  
IN PROGRESS

Ripberger, Joseph T., Carol L. Silva, Hank C. Jenkins-Smith, Kevin M. Simmons, Jeffrey Czajkowski, Howard Kunreuther, and Erwann Michel-Kerjan. “Tornado Risk Mitigation: Public Support and Willingness to Pay for Public and Private Policy Options in Oklahoma.”

Ripberger, Joseph T. “Beyond Valence: The Differential Impact of Discrete Emotions on Individual Opinions about how the Government Should Respond to Disasters.”

Ripberger, Joseph T. “Who Feels What and Why? The Demographic and Cultural Antecedents of Discrete Emotional Reactions to Crises and Disasters.”

Jenkins-Smith, Hank C., Carol L. Silva, Joseph T. Ripberger, Beth Caniglia, Riley Dunlap, Beatrice Frank, Renee MacPherson, and Duncan Wilson. “Feedback within CHANS: Building Capacity for Measuring and Modeling Dynamics in Socio-Ecological Systems.”

Gupta, Kuhika and Joseph T. Ripberger. “Nuclear Facility Siting and the Advocacy Coalition Framework: Institutions, Opportunity Structures, and the Formation of Revisionist Coalitions.”

Wehde, Wesley, Kuhika Gupta, and Joseph T. Ripberger. “Narrative Strategies Across Mediums: When Space is Limited, How Do Advocacy Groups Economize and Prioritize?”

GRANTS

*Probability of What? Understanding and Conveying Uncertainty through Probabilistic Hazard Services.* Co-PI with Carol L. Silva and Hank C. Jenkins-Smith. NOAA Office of Weather and Air Quality: US Weather Research Program. \$758,438.

*Comparing Subjective and Objective Evaluation of Forecasts for Severe Thunderstorms.* Co-PI with Harold Brooks, Daphne LaDue, James Correia, Jr., Nathan Hitchens, and Jack Friedman. NOAA Office of Weather and Air Quality: US Weather Research Program. \$28,000.

RESEARCH  
& TEACHING  
INTERESTS

Theory

- Theories of the Policy Process
- Risk and Decision Making
- Public Opinion and Policy Change

Substance

- Weather and Climate Policy
- Energy and Environmental Policy

Methods

- Policy Analysis and Program Evaluation
- Survey Research
- Big Data and Text Analysis

TEACHING EXPERIENCE	Instructor	Fall 2016
	P Sc 5933: Intermediate Analysis of Political Data	University of Oklahoma
	Instructor	Fall 2016
	P Sc 5913: Introduction to Analysis of Political Data	University of Oklahoma
	Instructor	Fall 2015
	P Sc 5913: Introduction to Analysis of Political Data	University of Oklahoma
	Co-Instructor w/ Kuhika Gupta	Spring 2014
P Sc 5170: Analysis of Orgs and Public Policy	University of Oklahoma (Tulsa)	
Co-Instructor w/ Hank C. Jenkins-Smith	Fall 2012	
P Sc 5213: Risk, Public Policy, and Law	University of Oklahoma	
Co-Instructor w/ Hank C. Jenkins-Smith	Spring 2012	
P Sc 5933: Intermediate Analysis of Political Data	University of Oklahoma	
Instructor	Summer 2011	
P Sc 3550: Foreign Policy Analysis	University of Oklahoma	

PRESENTATIONS	“Narrative Strategies Across Mediums: When Space is Limited, How Do Advocacy Groups Economize.” Presented with Wesley Wehde and Kuhika Gupta at the 2016 annual meeting of the Midwest Political Science Association (MPSA) in Chicago, IL.
	“Coalition Opportunity Structures and Policy Change: A Comparative Analysis of Nuclear Facility Siting Efforts.” Presented with Kuhika Gupta at the 2016 annual meeting of the Midwest Political Science Association (MPSA) in Chicago, IL.
	“Assessing the Validity of Different Approaches to Operationalizing Cultural Theory in Survey Research.” Presented with Brendon Swedlow at the 2016 annual meeting of the Midwest Political Science Association (MPSA) in Chicago, IL.
	“Reducing Losses from Less Significant Tornadoes: Homeowner Willingness to Pay for Structural Risk Mitigation and Support for the Adoption of Building Codes in Oklahoma.” Presented the 2015 Meeting of the National Weather Association (NWA) in Oklahoma City, OK.
	“Nuclear Facility Siting and the Advocacy Coalition Framework: Institutions, Opportunity Structures, and the Formation of Revisionist Coalitions.” Presented with Kuhika Gupta at the 2015 International Conference on Public (ICPP) in Milan, Italy.
	“What Matters and How Much? Assessing the Relative Influence of Physical and Social Forces on Tornado Warning System Performance” Presented at the 2015 American Meteorological Society Annual Meeting in Phoenix, AZ.
	“Perception vs. Reality: A Comprehensive Assessment of the Relationship between Perceptions about Local Weather and Climate and Instrumental Climate Data” Presented at the 2015 American Meteorological Society Annual Meeting in Phoenix, AZ.
	“Using Contingent Valuation to Account for Negative Willingness to Pay for the Construction of an Interim Storage Facility for Used Nuclear Fuel in the U.S.” Presented with Deven E. Carlson at the 2014 Fall Research Conference of the Association for Public Policy Analysis & Management in Albuquerque, NM.

- “Social Media and Severe Weather: What do We Know and Where are We Going?” Presented in 2014 at the National Oceanic and Atmospheric Administration (NOAA) in Silver Spring, MD.
- “Do Political Beliefs Distort Public Perceptions of Weather and Climate Change?” Presented at the 2014 South Central Climate Science Center’s Workshop for Early Career Scientists in Norman, OK.
- “Adapting Socio-Ecological Systems to Increased Climate Variability.” Presented at the 2014 NSF EPSCoR Science Conference with Carol L. Silva and Hank C. Jenkins-Smith in Norman, OK.
- “The Evolution of Twitter Messages Before, During, and After Hurricane/Post-Tropical Cyclone Sandy.” Presented at the 2014 Social Coast Forum in Charleston, SC.
- “The Cost of Taking Cover: Variations in Time Spent Taking Protective Actions During Tornado Warnings.” Presented at the 2014 American Meteorological Society Annual Meeting with Carol L. Silva and Hank C. Jenkins-Smith in Atlanta, GA.
- “The Evolution of Twitter Messages Before, During, and After the May 20th Tornado in Moore, OK.” Presented at the 2014 American Meteorological Society Annual Meeting in Atlanta, GA.
- “Finding Technical Solutions in a Social, Political Environment.” Presented in August 2013 at Sandia National Laboratories with Kuhika Gupta, Carol L. Silva, and Hank C. Jenkins-Smith in Albuquerque, NM.
- “Social Media and Severe Weather: Do ‘Tweets’ Provide a Valid Indicator of Public Attention to Tornadoes?” Presented at the 2013 American Meteorological Society Conference on Weather Warnings and Communication in Nashville, TN.
- “False Alarms and Missed Events: The Impact and Origins of Perceived Inaccuracy in Tornado Warning Systems.” Presented at the 2013 American Meteorological Society Conference on Weather Warnings and Communication in Nashville, TN.
- “Nuclear Facility Siting and the Advocacy Coalition Framework: Institutions, Opportunity Structures, and the Formation of Revisionist Coalitions.” Presented with Kuhika Gupta at the 2013 annual meeting of the Midwest Political Science Association (MPSA) in Chicago, IL.
- “Tornadoes and Twitter: How Social Media is Helping us Understand Public Responses to Severe Weather.” Presented at the 2013 National Tornado Summit/National Severe Weather Workshop in Oklahoma City, OK.
- “Social Media and Severe Weather.” Presented at the 2012 Workshop on Communicating Seasonal Climate Information in Norman, OK.
- “Cultural Theory and National Security: The Role of Cultural Orientation in Americans’ Preferences for Homeland Security and Nuclear Weapons.” Presented with Hank C. Jenkins-Smith at the 2012 annual meeting of the Midwest Political Science Association (MPSA) in Chicago, IL.
- “Public Attention and Political Campaigns: Is All Attention Good Attention.” Presented with C. Douglas Swearingen and William C. Ellis at the 2012 annual meeting of the American Political Science Association (APSA) in Seattle, WA.
- “Energy Assurance Planning in Oklahoma.” Presented in August 2011 to the Oklahoma Corporation Commission with Hank C. Jenkins-Smith, Carol L. Silva, and Mark James in Oklahoma City, OK.

POLICY  
REPORTS

- “Cultural Theory and Cognitive Sophistication: When Does What You Know Influence How You Think?” Presented at the 2011 annual meeting of the Midwest Political Science Association (MPSA) in Chicago, IL.
- “Best Practices in Energy Assurance Planning.” Presented in January 2011 to the Oklahoma Corporation Commission with Hank C. Jenkins-Smith, Carol L. Silva, and Mark James in Oklahoma City, OK.
- “Cultural Theory and National Security: The Role of Cultural Orientation in Americans’ Preferences for Homeland Security and Nuclear Weapons.” Presented with Hank C. Jenkins-Smith at the 2010 annual meeting of the Midwest Political Science Association (MPSA) in Chicago, IL.
- “The Supply-Side of Nuclear Proliferation.” Presented with Kuhika Gupta at the 2009 annual meeting of the Southwestern Political Science Association (SWPSA) in Denver, CO.
- “Utilization of Real-Time Social Media Data in Severe Weather Events” written in collaboration with Carol L. Silva, Hank C. Jenkins-Smith, Jack Friedman, and Paul Spicer for the National Oceanic and Atmospheric Administration.
- “Insights on Conducting Consent-Based Siting of Radioactive Waste Management Facilities: Evidence from a Nationwide Survey of US Residents” written in collaboration with Hank C. Jenkins-Smith, Kuhika Gupta, Carol L. Silva, Kerry G. Herron, Matthew Nowlin, and Rob Recharad for the US Department of Energy Nuclear Fuel Storage and Transportation Planning Project.
- “Studying Nuclear Narratives Using Multiple Streams of Data” written in collaboration with Kuhika Gupta, Hank C. Jenkins-Smith, Carol L. Silva, and Tyler Hughes for the US Department of Energy Nuclear Fuel Storage and Transportation Planning Project.
- “Strengthening National Competencies in the Area of Stakeholder Dialogue for Radioactive Waste Disposal” written in collaboration with Hank C. Jenkins-Smith, Carol L. Silva, Kuhika Gupta, Matthew Nowlin, Savannah Collins, Mark James, Geoboo Song, and Sarah Trouset for the International Atomic Energy Association.
- “Perspectives on Nuclear Waste Management” written in collaboration with Hank C. Jenkins-Smith, Carol L. Silva, Rob Recharad, Kuhika Gupta, Matthew Nowlin, Savannah Collins, Mark James, Geoboo Song, and Sarah Trouset for the United States Department of Energy.
- “Guidance for Conducting Consent-Based Siting of Radioactive Waste Management Facilities: Evidence from a Nationwide Survey of US Residents” written in collaboration with Hank C. Jenkins-Smith, Kuhika Gupta, Carol L. Silva, Kerry G. Herron, and Rob Recharad for the Sandia National Laboratories.
- “Public Preferences Related to Consent-Based Siting of Radioactive Waste Management Facilities for Storage and Disposal: Analyzing Variations over Time, Events, and Program Designs” written in collaboration with Hank C. Jenkins-Smith, Carol L. Silva, Kerry G. Herron, Kuhika Gupta, Matthew Nowlin, Evaristo “Tito” Bonano, and Rob Recharad for the US Department of Energy Nuclear Fuel Storage and Transportation Planning Project.
- “The Siting of Nuclear Fuel Cycle Facilities: Lessons from a Comparative Study” written in collaboration with Kuhika Gupta, Carol L. Silva, and Hank C. Jenkins-Smith for Sandia National Laboratories.

“The Evolution of Radioactive Waste Management Policy: A Policy Process Primer” written in collaboration with Kuhika Gupta, Mark James, Matt Nowlin, Geoboo Song, Sarah Trouset, Carol L. Silva, and Hank C. Jenkins-Smith for Sandia National Laboratories.

BOOK  
REVIEWS

“Terrorism and National Security Reform: How Commissions Can Drive Change During Crises.” 2011. By Jordan Tama (Cambridge University Press, 2011). APSA Legislative Studies Section Newsletter 34:2.

“Parties, Polarization, and Democracy in the United States.” 2011. By Donald C. Baumer and Howard J. Gold (Paradigm Publishers, 2009). APSA Legislative Studies Section Newsletter 34:1.

“Treaty Politics and the Rise of Executive Agreements: International Commitments in a System of Shared Powers.” 2010. By Glen S. Krutz and Jeffrey S. Peake (University of Michigan Press, 2009). APSA Legislative Studies Section Newsletter 33:1.

SERVICE

Journal Review

- *Bulletin of the American Meteorological Society, Risk, Hazards & Crisis in Public Policy, Natural Hazards, Regulation & Governance, International Journal of Disaster Risk Reduction, Judgment and Decision Making, Political Psychology, Weather, Climate, & Society, Journal of Operational Meteorology, Political Research Quarterly, Policy Studies Journal, Politics & Policy, Social Science Quarterly, PLoS ONE (Public Health & Epidemiology), PLoS ONE (Science Policy), China Report, Public Administration, and American Politics Research*

Grant Review

- National Science Foundation (Research Traineeship Program)
- National Science Foundation (Decision, Risk and Management Sciences)

Advisor

- Makenzie Krocak (M.S., Meteorology), Ted Rossier (M.A., Political Science)

PROFESSIONAL  
MEMBERSHIPS

American Meteorological Society (AMS)  
American Political Science Association (APSA)  
Midwestern Political Science Association (MPSA)