

HANK C. JENKINS-SMITH

George Lynn Cross Research Professor

Professor of Political Science

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(a) Professional Preparation:

Linfield College	McMinnville, OR	Economics, Political Science	B.A., 1979
University of Rochester	Rochester, NY	Political Science	M.A., 1982
University of Rochester	Rochester, NY	Political Science	Ph.D., 1985

(b) Appointments:

Co-Director (1/2015-present) National Institute for Risk and Resilience, University of Oklahoma

Director (3/2011-present) Center for Energy, Security & Society, University of Oklahoma

Professor (8/2007-present) Political Science, University of Oklahoma

Professor (8/2001-7/2007) George Bush School of Government, Texas A&M University

Professor (8/1997-7/2001), Associate Professor (8/1991-7/1997), Assistant Professor (8/1985-7/1991)
Political Science, University of New Mexico

Director (1/1987-6/2001) UNM Institute for Public Policy, University of New Mexico

Assistant Professor (1/1984-7/1985) Political Science, Southern Methodist University

Policy Analyst (9/1982-12/1983) Office of Policy Analysis, U.S. Department of Energy

(c) Publications:

(i) Most closely related to the proposed project:

Jenkins-Smith, H.; J. Ripberger, C. Silva, N. Carlson, K. Gupta, M. Henderson, and A. Goodin.

(2017) "The Oklahoma Meso-Scale Integrated Socio-Geographic Network: A Technical Overview." *Journal of Atmospheric & Oceanic Technology*. 34 (11): 2431-2441.

Ripberger, J, H. Jenkins-Smith, C. Silva, D. Carlson, K Gupta, N Carlson, and R. Dunlap. (2017).

"Bayesian versus politically motivated reasoning in human perception of climate anomalies." *Environmental Research Letters*, 12(11), p.114004.

Kahan, D. and H. Jenkins-Smith, T. Tarantola, C. Silva, and D. Braman. (2015). "Geoengineering and Climate Change Polarization: Testing a Two-channel Model of Science Communication." *Annals of American Academy of Political & Social Sci.* v. 658: 192-222.

Sabatier, P. and H. Jenkins-Smith. (1993) *Policy Change and Learning: An Advocacy Coalition Approach*. Westview Press, Boulder, CO.

Herron, K. and H. Jenkins-Smith. (2006) *Critical Masses and Critical Choices: Evolving Public Opinion on Nuclear Weapons, Terrorism and Security*. Pittsburgh University Press. Pittsburgh, PA.

(ii) Other significant publications:

Jenkins-Smith, H., C. Silva, K. Gupta, and J. 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(4): 484-508.

- Goebbert, K., H. Jenkins-Smith, K. Klockow, M. Nowlin, and C. Silva. (2012) "Weather, Climate and Worldviews: The Sources and Consequences of Public Perceptions of Changes in Local Weather Patterns." *Weather, Climate and Society* 4(2): 132-144.
- Berrens, R., A. Bohara, H. Jenkins-Smith, C. Silva and D. Weimer. (2003) "The Advent of Internet Surveys for Political Research: A Comparison of Telephone and Internet Samples," *Political Analysis* 11: 1-23.
- Berrens, R., A. Bohara, H. Jenkins-Smith, C. Silva, and D. Weimer. (2004) "Information and Effort in Contingent Valuation Surveys: Application to Global Climate Change using National Internet Samples," *Journal of Environmental Economics and Management*, 47: 331-363.
- Hui Li, Hank Jenkins-Smith, Carol Silva, Robert Berrens, and Kerry Herron. 2009. "Public Support for Reducing US Reliance on Fossil Fuels: Investigating Household Willingness to Pay for Energy Research and Development" *Ecological Economics* 68(3): 731-742.

(d) Synergistic Activities:

Interdisciplinary Leadership: Co-Director of an interdisciplinary research laboratory encompassing scholars, post-docs and students from multiple social sciences (communications, economics, political science, psychology) and engineering (CE).

Environment and Energy Survey Project (2006-present): Initiated in 2006, this project has undertaken annual nation-wide tracking surveys focusing on how the U.S. public and various elite groups (scientists, legislators, security policy elites) have understood the evolution of environmental and energy issues. This project has resulted in numerous reports and articles in academic journals, including recent articles on weather and disaster in the *Bulletin of the American Meteorological Association (BAMS)*, *Weather, Climate and Society*, *Risk Analysis*, and the *Policy Studies Journal*.

Project on Preference Formation and Elicitation in Valuing Non-Market Goods (1997-present): This project, initially based on an NSF grant (R824679) with multiple subsequent agency contracts, has focused on understanding how individuals make choices about costly public strategies to achieve public goods (e.g., greenhouse gas reductions via carbon taxes; hydropower; secure energy supplies) when faced with substantial complexity and scientific uncertainty. This project has resulted in numerous publications in leading peer-reviewed journals. Current funded work focuses on methods for elicitation of public valuation for non-market goods in complex coupled human and natural systems, and integration into systems models of those systems.