

Hank C. Jenkins-Smith

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Educational History

Ph.D. Political Science	1985	University of Rochester Rochester, New York
MA Political Science	1981	University of Rochester Rochester, New York
BA Political Science & Economics	1979	Linfield College McMinnville, Oregon

Employment History

Director	2020-present	Institute for Public Policy Research and Analysis, University of Oklahoma (OU)
George Lynn Cross Research Professor	2013-present	Office of the Provost, OU
Co-Director	2015-2021	National Institute for Risk & Resilience, OU
Co-Director	2010-2021	Center for Risk and Crisis Management, OU
Professor	2007-present	Department of Political Science, OU
Professor	2001-2007	Bush School of Government and Public Service Texas A&M University
Professor	1997-2001	Department of Political Science University of New Mexico
Director	1987-2001	UNM Institute for Public Policy University of New Mexico
Associate Professor	1990-1997	Department of Political Science University of New Mexico
Assistant Professor	1985-1990	Department of Political Science University of New Mexico
Assistant Professor	1984-1985	Department of Political Science Southern Methodist University
Policy Analyst	1982-1983	Office of Policy, Planning, and Analysis U.S. Department of Energy

Research and Teaching Interests

Public Policy	Risk and public policy; science and environmental policy; policy analysis; theories of the public policy process; public policy change in complex social-ecological systems.
Methodology	Philosophy of science; multivariate statistical analysis; limited dependent variable analysis; dynamic programming modeling; descriptive and inferential statistical techniques; game theory.
Survey Research	Public opinion measurement; contingent value measurement; survey sampling; survey design; focus group research; verbal protocol research techniques; web/internet survey design and implementation.

Professional Service Appointments and Activities

Member, Pacific Rim Nuclear Siting Committee, National Threat Initiative (2017-2022)
Panelist, National Science Foundation (2000-2004, 2009-2010, 2016, 2021)
Member, Oklahoma Governor's COVID-19 Modeling Task Force (2020)
Editor, *Public Policy Yearbook* (2009-2019)
Council Member, American Political Science Association (2013-2016)
Council Member, National Council for Radiation Protection (2010 to 2016)
Member, National Research Council Committees (Intermittent from 1996 to 2015)
Editor, *Policy Studies Journal* (2003-2009)
Director, University of New Mexico Survey Research Center (1988-2001)
Director, University of New Mexico Institute for Public Policy (1987-2001)

Scholarly Achievements

Books Authored

Robinson, S., Gupta, K., Ripberger, J., Ross, J., Fox, A., Jenkins-Smith, H., & Silva, C. 2021. *Trust in Government Agencies in the Time of COVID-19* (Elements in Public and Nonprofit Administration). Cambridge: Cambridge University Press.

Jenkins-Smith, H., J. Ripberger, G. Copeland, M. Nowlin, T. Hughes, A. Fister and W. Whede. 2019. *Quantitative Research Methods for Political Science, Public Policy and Public Administration: 3rd Edition (With Applications in R)*. ShareOK (open access textbook). Norman, Oklahoma (accessible at: <https://shareok.org/handle/11244/52244>)

Waterman, R., C. Silva and H. Jenkins-Smith. 2014. *The Presidential Expectations Gap: Public Attitudes Concerning the Presidency*. University of Michigan Press, Ann Arbor, MI.

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.

Sabatier, P. and H. Jenkins-Smith. 1993. *Policy Change and Learning: An Advocacy Coalition Approach*. Westview Press, Boulder, CO. (Winner of the Aaron Wildavsky Enduring Contribution Award, Public Policy Section, American Political Science Association)

Jenkins-Smith, H. 1990. *Democratic Politics and Policy Analysis*. Brooks-Cole. Pacific Grove, CA.

Articles in Refereed Journals

Lambert, D. M., Ripberger, J., Jenkins-Smith, H., Silva, C. L., Bowman, W., Long, M. A., ... & Fox, A. (2024). Consumer willingness-to-pay for a resilient electrical grid. *Energy Economics*, 107345.

Ernst, S. R., Ripberger, J. T., Krutz, J., Silva, C., Jenkins-Smith, H. C., Wanless, A., ... & Krocak, M. J. (2024). A Tale of Two Hazards: Studying Broadcast Meteorologist Communication of Simultaneous Tornado and Flash Flood (TORFF) Events. *Journal of Operational Meteorology*, 12(1).

Carlson, D. E., Ripberger, J., Jenkins-Smith, H. C., Silva, C. L., Carlson, N., Bell, E., & Gupta, K. (2023). The causal impact of local weather anomalies on beliefs about the occurrence of climate change. *Environmental Research Communications*.

Wanless, A., Stormer, S., Ripberger, J.T., Krocak, M.J., Fox, A., Hogg, D., Jenkins-Smith, H., Silva, C., Robinson, S.E. and Eller, W.S. (2023). The Extreme Weather and Emergency Management Survey. *Weather, Climate, and Society*.

Fox, A., Gupta, K., Ripberger, J., Livingston, W., & Jenkins-Smith, H. (2023). Exploring Public Discourse About Spent Nuclear Fuel Management on Twitter. *Nuclear Technology*, 1-12.

Long, M.A., León-Corwin, M., Peach, K., Olofsson, K.L., Ripberger, J.T., Gupta, K., Silva, C.L. and Jenkins-Smith, H. (2023). Watts at stake: Concern and willingness-to-pay for electrical grid improvements in the United States. *Energy Research & Social Science*, 102, p.103179.

Gupta, K., Jenkins-Smith, H., Ripberger, J., Fox, A., & Livingston, W. (2023) Consent-Based Siting of Spent Fuel Facilities: Evidence from Nationwide U.S. Surveys, *Nuclear Technology*, DOI: 10.1080/00295450.2023.2232647

Bitterman, A., Krocak, M.J., Ripberger, J.T., Ernst, S., Trujillo-Falcón, J.E., Gaviria Pabón, A., Silva, C. and Jenkins-Smith, H. (2023). Assessing public interpretation of original and linguist-suggested SPC Risk Categories in Spanish. *Weather and Forecasting*.

Burt, C.S., Kelly, J.F., Fox, A.S., Jenkins-Smith, H.C., Leon-Corwin, M., Khalighifar, A., Trankina, G.E., Silva, C.L. and Horton, K.G. (2023). Can ecological forecasting lead to convergence on sustainable lighting policies? *Conservation Science and Practice*, 5(4), p.e12920.

Krocak, M. J., Ripberger, J. T., Ernst, S., Silva, C., Jenkins-Smith, H., & Bitterman, A. (2023). Public Information Priorities across Weather Hazards and Time Scales. *Bulletin of the American Meteorological Society*, 104(4), E768-E780.

Burt, Carolyn S., Jeffrey F. Kelly, Grace E. Trankina, Carol L. Silva, Ali Khalighifar, Hank C. Jenkins-Smith, Andrew S. Fox, Kurt M. Fristrup, and Kyle G. Horton. (2023) "The effects of light pollution on migratory animal behavior." *Trends in Ecology & Evolution*.

Ter-Mkrtchyan, A., Wehde, W., Gupta, K., Jenkins-Smith, H. C., Ripberger, J. T., & Silva, C. L. (2022). Portions in portfolios: Understanding public preferences for electricity production using compositional survey data in the United States. *Energy Research & Social Science*, 91, 102759.

- Ripberger, J., A. Bell, A. Fox, A. Forney, W. Livingston, C. Gaddie, C. Silva, and H. Jenkins-Smith. "Communicating Probability Information in Weather Forecasts: Findings and Recommendations from a Living Systematic Review of the Research Literature." *Weather, Climate, and Society* 14, no. 2 (2022): 481-498.
- Krocak, M. J., J. Ripberger, S. Ernst, C. Silva & H. Jenkins-Smith. (2022). Exploring the differences in SPC Convective Outlook interpretation using categorical and numeric information. *Weather and Forecasting*, 37(2), 303-311.
- Wehde, W., Ripberger, J. T., Jenkins-Smith, H., Jones, B. A., Allan, J. N., & Silva, C. L. (2021). Public Willingness to Pay for Continuous and Probabilistic Hazard Information. *Natural Hazards Review*, 22(2), 04021004.
- Gupta, K., Ripberger, J. T., Fox, A. S., Jenkins-Smith, H. C., & Silva, C. L. (2021). The future of nuclear energy in India: Evidence from a nationwide survey. *Energy Policy*, 156, 112388.
- Ernst, S., Ripberger, J., Krocak, M. J., Jenkins-Smith, H., & Silva, C. (2021). Colorful Language: Investigating Public Interpretation of the Storm Prediction Center Convective Outlook. *Weather and Forecasting*.
- Krocak, M. J., Allan, J. N., Ripberger, J. T., Silva, C. L., & Jenkins-Smith, H. C. (2021). An analysis of tornado warning reception and response across time: leveraging respondent's confidence and a nocturnal tornado climatology. *Weather and Forecasting*.
- Robinson, S., Ripberger, J. T., Gupta, K., Ross, J., Fox, A. Jenkins-Smith, H., and Silva, C. 2020. The relevance and operations of political trust in the COVID-19 pandemic. *Public Administration Review*, DOI: 10.1111/puar.13333.
- Allan, J. N., Ripberger, J. T., Wehde, W., Krocak, M., Silva, C. L., & Jenkins-Smith, H. C. (2020). Geographic distributions of extreme weather risk perceptions in the United States. *Risk Analysis*, 40(12), 2498-2508.
- Weible, C. M., Ingold, K., Nohrstedt, D., Henry, A. D., & Jenkins-Smith, H. C. (2020). Sharpening advocacy coalitions. *Policy Studies Journal*, 48(4), 1054-1081.
- Afzal, S., Ghani, S., Jenkins-Smith, H. C., Ebert, D. S., Hadwiger, M., & Hoteit, I. (2020). A Visual Analytics Based Decision Making Environment for COVID-19 Modeling and Visualization. *arXiv preprint arXiv:2010.11897*.
- Swedlow, B., Ripberger, J. T., Liu, L. Y., Silva, C. L., Jenkins-Smith, H., & Johnson, B. B. (2020). Construct Validity of Cultural Theory Survey Measures. *Social Science Quarterly*, 101(6), 2332-2383.
- Jenkins-Smith, H. C., J. Ripberger, C. L. Silva, D. E. Carlson, K. Gupta, N. Carlson, N., A. Ter-Mkrtchyan, & R. E. Dunlap. (2020). "Partisan asymmetry in temporal stability of climate change beliefs." *Nature Climate Change*, 10(4), 322-328.
- Gupta, K., Ripberger, J. T., Jenkins-Smith, H. C., & Silva, C. L. (2020). "Exploring Aggregate vs. Relative Public Trust in Administrative Agencies that Manage Spent Nuclear Fuel in the United States." *Review of Policy Research*, 37(4), 491-510.
- Ripberger, J. T., Silva, C. L., Jenkins-Smith, H. C., Allan, J., Krocak, M., Wehde, W., & Ernst, S. (2020). "Exploring Community Differences in Tornado Warning Reception, Comprehension, and Response across the United States." *Bulletin of the American Meteorological Society*, 101(6), E936-E948.

Lenhardt, E. D., Cross, R. N., Krocak, M. J., Ripberger, J. T., Ernst, S. R., Silva, C. L., & Jenkins-Smith, H. C. (2020). "How Likely is That Chance of Thunderstorms? A Study of How National Weather Service Forecast Offices Use *Words of Estimative Probability and What They Mean to the Public.*" *Journal of Operational Meteorology*, 8(5).

Krocak, M. J., Ernst, S., Allan, J. N., Wehde, W., Ripberger, J. T., Silva, C. L., & Jenkins-Smith, H. C. (2020). "Thinking outside the polygon: a study of tornado warning perception outside of warning polygon bounds." *Natural Hazards: Journal of the International Society for the Prevention and Mitigation of Natural Hazards*, 1-18.

Carlson, D., Haeder, S., Jenkins-Smith, H., Ripberger, J., Silva, C., & Weimer, D. (2020). "Monetizing Bowser: A Contingent Valuation of the Statistical Value of Dog Life". *Journal of Benefit-Cost Analysis*, 11(1), 150-150.

Gupta, K., Nowlin, M. C., Ripberger, J. T., Jenkins-Smith, H. C., & Silva, C. L. 2019. "Tracking the Nuclear 'Mood' in the United States: Introducing a Long Term Measure of Public Opinion about Nuclear Energy Using Aggregate Survey Data." *Energy Policy*, 133, 110888.

Krocak, M. J., Ripberger, J. T., Jenkins-Smith, H., & Silva, C. 2019. "The Impact of Hours of Advance Notice on Protective Action in Response to Tornadoes." *Weather, Climate, and Society*. Forthcoming.

Ripberger, J. T., Krocak, M. J., Wehde, W. W., Allan, J. N., Silva, C., & Jenkins-Smith, H. 2019. "Measuring Tornado Warning Reception, Comprehension, and Response in the United States." *Weather, Climate, and Society*. Forthcoming.

Weible, C. M., Ingold, K., Nohrstedt, D., Henry, A. D., & Jenkins-Smith, H. C. 2019. "Sharpening Advocacy Coalitions." *Policy Studies Journal*. Forthcoming.

Carlson, D., J. Ripberger, W. Wehde, H. Jenkins-Smith, C. Silva, K. Gupta, B. Jones and R. Berrens. 2019. "Benefit Cost Analysis, Policy Impacts, and Congressional Hearings." *Journal of Benefit Cost Analysis*, 10(1), 65-94.

Jones, B., R Berrens, H Jenkins-Smith, C Silva, J Ripberger, & D Carlson. 2019. "Inclusive non-market valuation in Coupled Human and Natural Systems (CHANS): a motivating theory." *Journal of Environmental Economics and Policy*, 1-16.

Ripberger, J., H. Jenkins-Smith, C. Silva, J Czajkowski and H. Kunreuther. 2018. "Tornado Damage Mitigation: Homeowner Support for Enhanced Building Codes in Oklahoma." *Risk Analysis* 31(11), 2300-2317.

Jones, B, R Berrens, H Jenkins-Smith, C Silva, J Ripberger, D Carlson, K Gupta, and W Wehde. 2018. "In search of an inclusive approach: Measuring non-market values for the effects of complex dam, hydroelectric and river system operations." *Energy Economics* 69: 225-236.

Jones, B, J Ripberger, H Jenkins-Smith, and C Silva, C. 2017. "Estimating willingness to pay for greenhouse gas emission reductions provided by hydropower using the contingent valuation method." *Energy Policy* 111, 362-370.

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, Jenkins-Smith, H, Silva, C, Carlson, D, Gupta, K, Carlson, N, and Dunlap, R. 2017. "Bayesian versus politically motivated reasoning in human perception of climate anomalies." *Environmental Research Letters*, 12(11), p.114004.

Deven Carlson, Joseph Ripberger, Hank Jenkins-Smith, Carol Silva, Kuhika Gupta, Robert Berrens, and Benjamin Jones. 2016. "Contingent Valuation and the Policymaking Process: An Application to Used Nuclear Fuel in the United States." *Journal of Benefit Cost Analysis* 7(3): 459-487.

Jones, B, R Berrens, H Jenkins-Smith, C Silva, D Carlson, J Ripberger, K Gupta and N Carlson. 2016. "Valuation in the Anthropocene: Exploring Options for Alternative Operations of the Glen Canyon Dam." *Water Resources and Economics* 14 (2016): 13-30.

Trousset, S, K Gupta, K Jenkins-Smith, C Silva, and K Herron. 2015. "Degrees of Engagement: Using Cultural Worldviews to Explain Variations in Public Preferences for Engagement in the Policy Process." *Policy Studies Journal*, 43(1): 44-69.

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.

Ripberger, J. C. Silva, H. Jenkins-Smith, D. Carlson, M. James and K. Herron. 2015. "False Alarms and Missed Events: The Impact and Origins of Perceived Inaccuracy in Tornado Warning Systems." *Risk Analysis*, 35(1): 44-56.

Ripberger, J., C. Silva, H Jenkins-Smith and M. James. 2015. "The Influence of Consequence-Based Messages on Public Responses to Tornado Warnings". *Bulletin of the American Meteorological Society*, 96(4): 577-590.

Herron, Kerry, and Hank Jenkins-Smith. 2014. "Public Perspectives on Nuclear Security". *Risk, Hazards & Crisis in Public Policy*, 5(2): 109-133

Jenkins-Smith, Hank, 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(4): 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(4): 509-527.

Geoboo Song, Carol L. Silva, and Hank C. Jenkins-Smith. 2014. "Cultural Worldview and Preference for Childhood Vaccination Policy." *Policy Studies Journal*, 42(4): 528-554.

Ripberger, J., H. Jenkins-Smith, C. Silva, D. Carlson, M. Henderson. 2014. "Social Media and Severe Weather: Do Tweets Provide a Valid Indicator of Public Attention to Severe Weather Risk Communication?" *Weather, Climate and Society* 6(4): 520-530.

- Ripberger, Joseph, Geoboo Song, Matthew C. Nowlin, Michael Jones, and Hank Jenkins-Smith. 2012. "Reconsidering the Relationship Between Cultural Theory, Political Ideology, and Political Knowledge" *Social Science Quarterly* 93(3): 713-731.
- Goebbert, Kevin, Hank Jenkins-Smith, Kim Klockow, Matthew Nowlin, and Carol 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.
- Gawande, Kishore, Hank Jenkins-Smith and May Juan. 2012. "The Long-Run Impact of Nuclear Waste Shipments on the Property Market: Evidence from a Quasi-Experiment." *Journal of Environmental Economics and Management*, 65(1): 56-73.
- Ripberger, Joseph, Hank Jenkins-Smith and Kerry Herron. 2011. "How Cultural Orientations Create Shifting National Security Coalitions on Nuclear Weapons and Terrorist Threats in the American Public." *PS: Politics and Political Science* 44(4): 715-719.
- Dan M. Kahan, Hank C. Jenkins-Smith and Donald Braman. 2011. "Cultural Cognition of Scientific Consensus," *Journal of Risk Research*, 14(2):147-174.
- Jenkins-Smith, Hank, Carol L. Silva, Matthew C. Nowlin, and Grant deLozier. 2011. "Reversing Nuclear Opposition: Evolving Public Acceptance of a Permanent Nuclear Waste Disposal Facility." *Risk Analysis* 31(4): 629-644.
- Jenkins-Smith, Hank, Urban Strandberg, and Sarah R. Trouset. 2010. "New Perspectives on Nuclear Waste Management," *Risk, Hazards & Crisis in Public Policy* 1(4): 1-11.
- Jenkins-Smith, Hank and Kerry Herron. 2009. "Rock and a Hard Place: Public Willingness to Trade Civil Rights and Liberties for Greater Security." *Politics and Policy* 37(5): 1095-1125.
- Jenkins-Smith, Hank, Carol Silva, and Chris Murray. 2009. "Beliefs about Radiation: Scientists, the Public, and Public Policy." *Journal of Health Physics* 97(5): 519-527.
- Jones, Michael and Hank Jenkins-Smith. 2009. "Trans-Subsystem Dynamics: Policy Topography, Mass Opinion, and Policy Change." *Policy Studies Journal* 38(1): 37-58.
- 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.
- Neil Mitchell, Kerry Herron, Hank Jenkins-Smith and Guy Whitten. 2007. "Elite Beliefs, Epistemic Communities and the Atlantic Divide: Scientists' Nuclear Policy Preferences in the United States and European Union" *British Journal of Political Science* 37: 753-764.
- Carol Silva and Hank Jenkins-Smith. 2007. "Precaution in Context: US and EU Scientists' Prescriptions for Policy in the Face of Uncertainty." *Social Science Quarterly* 88(3): 640-664.

Carol Silva, Hank Jenkins-Smith and Richard Barke. 2007. "From Experts' Beliefs to Safety Standards: Explaining Preferred Radiation Protection Standards in Polarized Technical Communities." *Risk Analysis* 27(3): 755-773.

Carol Silva, Richard Waterman and Hank Jenkins-Smith. 2007. "Why Did Clinton Survive? A Test of Three Explanations?" *Presidential Studies Quarterly* 37(3): 468-485.

Hank Jenkins-Smith, Carol Silva, and Richard Waterman. 2005. "Micro and Macro Level Explanations of the Presidential Expectations Gap," *Journal of Politics*, 67(3): 690-715.

Li, Hui, Robert Berrens, Alok Bohara, Hank Jenkins-Smith, Carol Silva, and David Weimer. 2005. "Exploring the Beta Model Using Proportional Budget Information in a Contingent Valuation Study." *Economics Bulletin* 17(8): 1-9.

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Hui Li, Robert Berrens, Alok Bohara, Hank Jenkins-Smith, Carol Silva, and David Weimer 2004. "Would Developing Country Commitments Affect U.S. Households' Support for a Modified Kyoto Protocol?" *Ecological Economics*, 48(3): 329-343.

Hui Li, Robert Berrens, Alok Bohara, Hank Jenkins-Smith, Carol Silva, and David Weimer. 2004. "Telephone versus Internet Samples for a National Advisory Referendum: Are the Underlying Stated Preferences the Same?" *Applied Economics Letters*, 11(3): 173-176.

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Robert Berrens, Alok Bohara, Hank Jenkins-Smith, and Carol Silva. 2003. "The Effect of an Environmental Disclosure Requirement on Willingness to Pay for Residential Properties in a Borderlands Community: El Paso, Texas Case Study," *Social Science Quarterly*, 84: 359-378.

Robert Berrens, Alok Bohara, Hank Jenkins-Smith, Carol Silva and David Weimer. 2003. "The Advent of Internet Surveys for Political Research: A Comparison of Telephone and Internet Samples," *Political Analysis* 11: 1-23.

Kerry Herron and Hank Jenkins-Smith. 2002. "U.S. Perceptions of Nuclear Security in the Wake of the Cold War: Comparing Public and Elite Belief Systems," *International Studies Quarterly*, 46: 451-479.

John Gastil, Hank Jenkins-Smith and Gilbert St.Clair. 2002. "Beyond Green Chiles and Coyotes: The Changing Shape of New Mexico's Political Cultural Regions from 1967 to 1997," *New Mexico Historical Review* 77: 173-195.

Robert Berrens, Alok Bohara, Hank Jenkins-Smith, and Carol Silva. 2002. "Information Disclosure Requirements and the Effect of Soil Contamination on Property Values," *Journal of Environmental Planning and Management* 45: 323-339.

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Hank Jenkins-Smith and Howard Kunreuther. 2001. "Mitigation and Benefits Measures as Policy Tools for Siting Potentially Hazardous Facilities: Determinants of Effectiveness and Appropriateness," *Risk Analysis*, 21: 371-382.

Kishore Gawande and Hank Jenkins-Smith. 2001. "Nuclear Waste Transport and Residential Property Values: Estimating the Effects of Perceived Risks" *Journal of Environmental Economics and Management*, 42: 207-233.

Richard Waterman, Hank Jenkins-Smith and Carol Silva. 1999. "The Expectation Gap Thesis: Public Attitudes Toward an Incumbent President," *Journal of Politics*, 61: 944-966.

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Hank Jenkins-Smith and Carol Silva. 1998. "The Role of Risk Perception and Technical Information in Scientific Debates Over Nuclear Waste Storage," *Journal of Reliability Engineering and System Safety*. 59: 107-122.

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Gilbert Bassett and Hank Jenkins-Smith. 1994. "Perceived Risk and Uncertainty of Nuclear Waste: Differences Among Science, Business, and Environmental Group Members," *Risk Analysis*. 14: 851-856.

Hank Jenkins-Smith and Paul Sabatier. 1994. "Evaluating the Advocacy Coalition Framework," *Journal of Public Policy*. 14: 175-203.

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Hank Jenkins-Smith. 1991. "Explaining Change in Policy Subsystems: Analysis of Coalition Stability and Defection Over Time." *American Journal of Political Science* 35:851-880.

Hank Jenkins-Smith. 1991. "Alternative Theories of the Policy Process: Reflections on Research Strategy for the Study of Nuclear Waste Policy." *Political Science and Politics*. 24.

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H. Theodore Heintz and Hank Jenkins-Smith. 1988. "Advocacy Coalitions and the Practice of Policy Analysis," *Policy Sciences*. 21:263-277.

Hank Jenkins-Smith. 1987. "The Remaking of the Natural Gas Industry," *Natural Resources Journal*. 27(4).

Terrance Higgins and Hank Jenkins-Smith. 1985. "Analysis of the Economic Effect of the Alaskan Oil Export Ban," *Journal of Operations Research*. 33(6): 1173-1202.

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C. Weible and H Jenkins-Smith. 2016. "The Advocacy Coalition Framework: An Approach for the Comparative Analysis of Contentious Policy Issues," in P. Zittoun and B.G. Peters (eds.) *Contemporary Approaches to Public Policy*. London, UK: Palgrave Macmillan.

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Hank Jenkins-Smith and Howard Kunreuther. 2005. "Mitigation and Benefits Measures as Policy Tools for Siting Potentially Hazardous Facilities: Determinants of Effectiveness and Appropriateness" in S. Lesbirel and D. Shaw (eds.), *Facility Siting and the Management of Legitimate Claims*. Northampton, MA: Edward Elgar Press.

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Funded Research Awards (through 2021 at the University of Oklahoma):

Project Title	PI Status	Sponsor	Award Amount	Award Date
Risk Communication, Know Your Audience	PI	Environmental Protection Agency EPA	\$240,000.00	09/01/2021
Establishing the Extreme Weather and Emergency Management Survey	Co-PI	U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration DOC-NOA	\$246,207.00	08/01/2021
UNSA/OU Alianza Institute: Public Health Monitoring and Decision Making	PI	Universidad Nacional de San Agustín IN-UNSA	\$1,636,345.00	10/01/2020
Communicating Forecast Uncertainty and Probabilistic Information: Expanding and Embedding Social and Behavioral Data in National Weather Service Operations	Co-PI	U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration DOC-NOA	\$478,312.00	09/01/2020
RII Track-1: Socially Sustainable Solutions for Water, Carbon, and Infrastructure Resilience in Oklahoma	PI	National Science Foundation via Oklahoma State University OSU	\$487,144.00	07/01/2020
RII Track-1: Socially Sustainable Solutions for Water, Carbon, and Infrastructure Resilience in Oklahoma	PI	National Science Foundation via Oklahoma State University OSU	\$11,219.00	07/01/2020
RII Track-1: Socially Sustainable Solutions for Water, Carbon, and Infrastructure Resilience in Oklahoma	PI	National Science Foundation via Oklahoma State University OSU	\$533,152.00	07/01/2020
Accelerating Development of the US Extreme Weather and Society Survey Series	Co-PI	U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration DOC-NOA	\$555,172.00	07/01/2020
Misinformation About the COVID-19 Outbreak: Implications for Protection Motivation and Action During Crises and Disasters	PI	National Science Foundation NSF	\$200,000.00	03/01/2020
Oklahoma 2020 Energy Assurance Plan	PI	State of Oklahoma, Department of Commerce OK-COM	\$127,362.00	02/01/2020

Oklahoma 2020 Energy Assurance Plan	PI	State of Oklahoma, Department of Commerce OK-COM	\$47,638.00	02/01/2020
Paths Forward for Nuclear Energy: Using a Nationwide Post-Stratified Hierarchical Model to Facilitate Matching of New Nuclear Technologies to Receptive Host Communities	PI	U.S. Department of Energy US-DOE	\$390,393.00	10/01/2019
Probabilistic Assessment Communication Project 2019	PI	Sandia Laboratories SANDIA	\$40,000.00	09/20/2019
Social and Behavioral Measures of NWS Performance in Severe Weather Forecasts and Warnings	Co-PI	U.S. Dept. of Commerce, NOAA, National Severe Storms Lab DOC-NOA-NSSL	\$122,964.00	08/01/2019
Research Guided Recommendations for Communicating Uncertainty and Probabilities	Co-PI	U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration DOC-NOA	\$146,057.00	08/01/2019
Assessing Numeracy Skills of Forecasters, Partners, and Publics to Improve Tropical Cyclone Product Uncertainty Communication, IDSS, and Training	Co-PI	U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration DOC-NOA	\$381,827.00	07/01/2019
Knowledge Management for the Nuclear Energy Fuel Cycle Programs - Task 2	PI	Sandia Laboratories SANDIA	\$98,000.00	07/01/2019
Nuclear Energy R&D Deep Dive Roadmap Consultation	PI	Sandia Laboratories SANDIA	\$10,000.00	05/31/2019
Knowledge Management for the Nuclear Energy Fuel Cycle Programs - Task 1	PI	Sandia Laboratories SANDIA	\$20,000.00	05/01/2019
Probabilistic Assessment Communication Project 2019	PI	Sandia Laboratories SANDIA	\$50,000.00	03/19/2019
Coding, Tracking and Analyzing Nuclear Debates on Social Media 2019	PI	Third Way NP-THIRDWAY	\$50,000.00	03/15/2019
Analysis of Public Perceptions and Preferences for Nuclear Security Programs and Policies: 2019	PI	Sandia Laboratories SANDIA	\$130,000.00	02/01/2019
SS1: Adapting Socio-ecological Systems to Increased Climate Variability	Co-PI	National Science Foundation via Oklahoma State University OSU	\$253,938.00	12/01/2018
Communicating Forecast Uncertainty and Probabilistic Information: Experimenting with Social Observation Data in the Hazardous Weather Testbed	Co-PI	U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration DOC-NOA	\$502,547.00	10/01/2018
Applying IBM Analytics to the Challenge of Broadcast Data	Co-PI	U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration DOC-NOA	\$462,121.00	10/01/2018
Social Dimensions of Energy Resilience	PI	Sandia Laboratories SANDIA	\$10,000.00	08/22/2018
Back End Integration Report Assistance	PI	Sandia Laboratories SANDIA	\$15,000.00	08/09/2018
Back End Integration Report Assistance	PI	Sandia Laboratories SANDIA	\$9,224.00	08/09/2018
Coding, Tracking and Analyzing Nuclear Debates on Social Media 2018	Co-PI	Third Way NP-THIRDWAY	\$50,000.00	06/01/2018
SS1: Adapting Socio-ecological Systems to Increased Climate Variability	Co-PI	National Science Foundation via Oklahoma State University OSU	\$167,253.26	06/01/2018

Probabilistic Assessment Communication Project 2018	PI	Sandia Laboratories SANDIA	\$125,000.00	05/30/2018
Analysis of Public Perceptions and Preferences for Nuclear Security Programs and Policies: 2017	PI	Sandia Laboratories SANDIA	\$40,000.00	11/14/2017
Coding, Tracking and Analyzing Nuclear Debates on Social Media: OU/Third Way Collaboration	PI	Third Way NP-THIRDWAY	\$50,000.00	10/01/2017
Baseline of Public Responsiveness to Uncertainty in Forecasts (CRCM FACETS)	Co-PI	U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration DOC-NOA	\$248,400.00	10/01/2017
SS1: Adapting Socio-ecological Systems to Increased Climate Variability	Co-PI	National Science Foundation via Oklahoma State University OSU	\$289,178.00	06/01/2017
Non-Use Value of Hydropower Publication and Dissemination Project	PI	Sandia Laboratories SANDIA	\$10,000.00	02/01/2017
Non-Use Value of Hydropower Publication and Dissemination Project	PI	Sandia Laboratories SANDIA	\$60,000.00	02/01/2017
National Security Data Archival and White Paper	PI	Sandia Laboratories SANDIA	\$60,000.00	12/08/2016
Institutional Design, Policy Conflict, and Sustainable Governance: Measuring Public Support for Consent-Based Nuclear Waste Facility Siting in the U.S.	Co-PI	National Science Foundation NSF	\$193,614.00	11/15/2016
Baseline of Public Responsiveness to Uncertainty in Forecasts (CRCM FACETS)	Co-PI	U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration DOC-NOA	\$248,400.00	10/01/2016
Understanding Public Preferences on National Security 2016: Task 1	PI	Sandia Laboratories SANDIA	\$100,000.00	07/01/2016
Fusion and Archival of Large, Disparate Data Sets	Co-PI	Sandia Laboratories SANDIA	\$50,000.00	06/24/2016
SS1: Adapting Socio-ecological Systems to Increased Climate Variability	Co-PI	National Science Foundation via Oklahoma State University OSU	\$446,336.00	06/01/2016
Oklahoma Energy Assurance Plan Update - 2016	PI	State of Oklahoma, Corporation Commission OK-CORP	\$20,000.00	03/28/2016
South-Central Climate Science Center	Co-PI	U.S. Department of the Interior, U.S. Geological Survey DOI-USG	\$747,386.00	03/01/2016
Energy and Environment Survey 2016	PI	Sandia Laboratories SANDIA	\$169,000.00	11/11/2015
Energy and Environment Survey 2016	PI	Sandia Laboratories SANDIA	\$153,000.00	11/11/2015
Energy and Environment Survey 2016	PI	Sandia Laboratories SANDIA	\$15,000.00	11/11/2015
Energy and Environment Survey 2016	PI	Sandia Laboratories SANDIA	\$40,000.00	11/11/2015
Energy and Environment Survey 2016	PI	Sandia Laboratories SANDIA	\$292,000.00	11/11/2015
Understanding U.S. Public Preferences on National Security 2015	PI	Sandia Laboratories SANDIA	\$330,000.00	07/27/2015
Baseline of Public Responsiveness to Uncertainty in Forecasts (CRCM FACETS)	Co-PI	U.S. Dept. of Commerce, National Oceanic and	\$248,400.00	07/01/2015

		Atmospheric Administration DOC-NOA		
SS1: Adapting Socio-ecological Systems to Increased Climate Variability	PI	National Science Foundation via Oklahoma State University OSU	\$231,964.00	06/01/2015
South-Central Climate Science Center	Co-PI	U.S. Department of the Interior, U.S. Geological Survey DOI-USG	\$727,108.00	03/01/2015
2015 Energy and Environment Survey	PI	Sandia Laboratories SANDIA	\$14,000.00	11/18/2014
2015 Energy and Environment Survey	PI	Sandia Laboratories SANDIA	\$250,000.00	11/18/2014
Measuring Non-Market Values for Hydropower and Water Storage in the Western River Systems: Phase IIIa and IIIb Research	PI	Sandia Laboratories SANDIA	\$70,759.00	10/15/2014
Measuring Non-Market Values for Hydropower and Water Storage in the Western River Systems: Phase IIIa and IIIb Research	PI	Sandia Laboratories SANDIA	\$715,000.00	10/15/2014
Nuclear Social Media Analysis	PI	Sandia Laboratories SANDIA	\$129,000.00	06/03/2014
SS1: Adapting Socio-ecological Systems to Increased Climate Variability	PI	National Science Foundation via Oklahoma State University OSU	\$229,320.00	06/01/2014
Environment and Energy Data Analysis 2014	PI	Sandia Laboratories SANDIA	\$150,000.00	04/25/2014
South-Central Climate Science Center - supplement for internal funding	Co-PI	U.S. Department of the Interior, U.S. Geological Survey DOI-USG	\$91,202.00	04/01/2014
Post-Doctoral Research Associate Support	PI	Sandia Laboratories SANDIA	\$10,000.00	03/04/2014
South-Central Climate Science Center	Co-PI	U.S. Department of the Interior, U.S. Geological Survey DOI-USG	\$709,621.00	03/01/2014
Energy and Environment Survey 2014	PI	Sandia Laboratories SANDIA	\$43,000.00	01/24/2014
Environment and Energy Study 2014	PI	Sandia Laboratories SANDIA	\$42,000.00	11/20/2013
Utilization of Real-Time Social Media Data in Severe Weather Event: A Proposal to Evaluate the Prospects of Social Media Data Use for Severe Weather Forecasting, Communication, and Post-Event Assessments	Co-PI	U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration DOC-NOA	\$124,977.00	09/01/2013
Understanding Non-Market Values: Experiments Applicable to the Valuation of Hydropower from the GCD (Phase I)	PI	Sandia Laboratories SANDIA	\$220,000.00	08/01/2013
Task 4 of Nuclear Facility Siting Project	PI	Sandia Laboratories SANDIA	\$100,000.00	06/21/2013
Sandia Workshop 2013	PI	Sandia Laboratories SANDIA	\$6,810.00	06/13/2013
SS1: Adapting Socio-ecological Systems to Increased Climate Variability	PI	National Science Foundation via Oklahoma State University OSU	\$151,743.00	06/01/2013
SS1: Adapting Socio-ecological Systems to Increased Climate Variability	PI	National Science Foundation via Oklahoma State University OSU	\$241,034.00	06/01/2013
Nuclear Facility Siting Survey Research	PI	Sandia Laboratories SANDIA	\$190,000.00	04/22/2013

South-Central Climate Science Center	Co-PI	U.S. Department of the Interior, U.S. Geological Survey DOI-USG	\$637,305.00	03/01/2013
Consent-Based Siting Summary Analysis	PI	Sandia Laboratories SANDIA	\$30,000.00	02/28/2013
South-Central Climate Science Center - supplement for internal funding	Co-PI	U.S. Department of the Interior, U.S. Geological Survey DOI-USG	\$195,185.00	10/01/2012
South-Central Climate Science Center - supplement for internal funding	Co-PI	U.S. Department of the Interior, U.S. Geological Survey DOI-USG	\$55,407.00	10/01/2012
Utilization of Real-Time Social Media Data in Severe Weather Event: A Proposal to Evaluate the Prospects of Social Media Data Use for Severe Weather Forecasting, Communication, and Post-Event Assessments	Co-PI	U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration DOC-NOA	\$124,953.00	09/01/2012
South-Central Climate Science Center	Co-PI	U.S. Department of the Interior, U.S. Geological Survey DOI-USG	\$706,053.00	03/01/2012
Nuclear Facility Siting and Risk Communication	PI	Sandia Laboratories SANDIA	\$52,000.00	03/08/2011
Nuclear Facility Siting and Risk Communication	PI	Sandia Laboratories SANDIA	\$40,000.00	03/08/2011
Nuclear Facility Siting and Risk Communication	PI	Sandia Laboratories SANDIA	\$130,000.00	03/08/2011
Nuclear Facility Siting and Risk Communication	PI	Sandia Laboratories SANDIA	\$25,000.00	03/08/2011
Nuclear Facility Siting and Risk Communication	PI	Sandia Laboratories SANDIA	\$20,000.00	03/08/2011
Nuclear Facility Siting and Risk Communication	PI	Sandia Laboratories SANDIA	\$83,183.00	03/08/2011
Nuclear Facility Siting and Risk Communication	PI	Sandia Laboratories SANDIA	\$219,813.00	03/08/2011
Nuclear Facility Siting and Risk Communication	PI	Sandia Laboratories SANDIA	\$14,800.00	03/08/2011
Nuclear Facility Siting and Risk Communication	PI	Sandia Laboratories SANDIA	\$30,000.00	03/08/2011
Nuclear Facility Siting and Risk Communication	PI	Sandia Laboratories SANDIA	\$10,000.00	03/08/2011
Nuclear Facility Siting and Risk Communication	PI	Sandia Laboratories SANDIA	\$255,000.00	03/08/2011
Doctoral Dissertation Research in DRMS: Stories that Stick: Cultural Narrative and Mass Opinions on Climate Change	PI	National Science Foundation NSF	\$10,395.00	04/01/2010
National Security Survey 2010	PI	Sandia Laboratories SANDIA	\$268,005.00	03/02/2010
National Security Survey 2010	PI	Sandia Laboratories SANDIA	\$240,000.00	03/02/2010
Risk Perception, Communication and Analysis	PI	Sandia Laboratories SANDIA	\$84,998.00	03/01/2010
Planning for Oklahoma Energy Assurance	PI	State of Oklahoma, Corporation Commission OK-CORP	\$119,240.00	01/01/2010

Planning for Oklahoma Energy Assurance	PI	State of Oklahoma, Corporation Commission OK-CORP	\$115,387.00	01/01/2010
National Security Surveys - 2007	PI	Sandia Laboratories SANDIA	\$35,000.00	07/15/2008
Risk Perception, Communication and Analysis	PI	Sandia Laboratories SANDIA	\$30,000.00	01/17/2008
Risk Perception, Communication and Analysis	PI	Sandia Laboratories SANDIA	\$75,000.00	01/17/2008
Risk Perception, Communication and Analysis	PI	Sandia Laboratories SANDIA	\$48,125.00	01/17/2008
Risk Perception, Communication and Analysis	PI	Sandia Laboratories SANDIA	\$40,381.00	01/17/2008
National Security Surveys - 2007	PI	Sandia Laboratories SANDIA	\$220,000.00	08/15/2007
National Security Surveys - 2007	PI	Sandia Laboratories SANDIA	\$200,000.00	08/15/2007
National Security Surveys - 2007	PI	Sandia Laboratories SANDIA	\$74,924.00	08/15/2007

Professional Recognition and Honors

Excellence in Research Grants	2022	University of Oklahoma
Excellence in Transdisciplinary, Convergent Research	2021	University of Oklahoma
George Lynn Cross Research Professorship	2013	University of Oklahoma
Silver Star Teaching Award	2007	Bush School, Texas A&M University
Silver Star Teaching Award	2005	Bush School, Texas A&M University
Faculty of the Year Award	2003	Bush School, Texas A&M University
President, Public Policy Section	1996-97	American Political Science Association
Regents' Lecturer	1996-99	University of New Mexico
Chauncy Starr Distinguished Research Award	1996	Society for Risk Analysis
Presidential Lecturer	1988 - 91	University of New Mexico
Argonne National Laboratory Energy Research Fellowship	1982 - 83	U.S. Department of Energy
Harold Gosnell Fellowship	1981 - 82	University of Rochester
Rush Rhees Fellowship	1979 - 82	University of Rochester
University Fellowship	1979 - 82	University of Rochester

Courses Taught (Fall 1992 to present)

Name of course

Political Strategies: Game Theory (Undergraduate/Graduate)
Risk, Public Policy & Law (Graduate)
Public Policy Process (Graduate)
Leadership and Public Service (Graduate)
Multivariate Statistical Research Methods (Graduate)
Energy Policy and Politics (Undergraduate/Graduate)
Environmental Policy & Politics (Undergraduate/Graduate)
Introduction to Political Research Methods (Undergraduate)
Introduction to Political Science Profession (Graduate)
Introduction to Public Policy Process (Undergraduate)
Public Policy Analysis (Undergraduate/Graduate)
Public Policy and Public Opinion (Undergraduate/Graduate)
Survey Research Methodology (Undergraduate/Graduate)

Service

Editor/Editorial Boards

Editor, *PSJ Yearbook* (2010-2020)
Editor, *Policy Studies Journal* (2003-2009)
Editorial Board for the *American Journal of Political Science* (2013-2019)
Editorial Board for the *Review of Policy Research* (2006-present)
Founding Co-Editor, *Crisis and Risk in Public Policy* (2008-2009)
Editor, *Public Opinion Profile of New Mexico Citizens* (1988 to 2001)
Editor, *Policy Currents*, Newsletter of the Public Policy Section of the American Political Science Association (1997-1999)

Reviewing for National Funding Organizations

National Science Foundation, USA
National Oceanic and Atmospheric Administration, USA
Economic and Social Research Council, UK

Professional Association Memberships

American Political Science Association
American Association for the Advancement of Science
Association for Policy Analysis and Management
Association for Benefit Cost Analysis
Midwestern Political Science Association