

Biographical Sketch CAROL L. SILVA

Associate Professor, Department of Political Science, Director, Center for Risk and Crisis Management, and Associate Director, Center for Applied Social Research, University of Oklahoma
3100 Monitor, 2 Partners Place, Suite 100, Norman, OK 73072

Phone: 405-325-0770; Fax: 405-325-9066; Email: clsilva@ou.edu; URL: <http://crcm.ou.edu/>

(A) PROFESSIONAL PREPARATION

University of New Mexico	Political Science	B.A., 1989
University of Rochester, Rochester, NY	Political Science	M.A., 1996
University of Rochester, Rochester, NY	Political Science	Ph.D., 1998

(B) APPOINTMENTS

2010-Present	Director, Center for Risk and Crisis Management, University of Oklahoma, Norman, OK
2007-Present	Associate Professor, Department of Political Science, University of Oklahoma, Norman, OK
2007-Present	Associate Director, Center for Applied Social Research, University of Oklahoma, Norman, OK
2003-2007	Assistant Professor, George Bush School of Government and Public Service
2001-2003	Assistant Professor, Department of Political Science, Texas A&M University
1994-2001	Research Scientist and Associate Director, UNM Institute for Public Policy, University of New Mexico.
1999-2000	Research Associate, Center for Economic Research, University of Rochester

(C) PUBLICATIONS

i. Five Most Relevant Publications

1. 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.
2. Jenkins-Smith, Hank, Carol Silva, Matthew Nowlin and Grant DeLozier. 2011. "Reversing Nuclear Opposition: Evolving Public Acceptance of a Permanent Nuclear Waste Disposal Facility." *Risk Analysis* 31(4): 629-644.
3. 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.
4. 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.
5. 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.

ii. Five Other Significant Publications

1. 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.
2. 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.
3. Berrens, R., A. Bohara, H. Jenkins-Smith, and C. 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(2): 359-378.
4. Berrens, R., A. Bohara, C. Silva, M. Mckee and D. Brookshire. 2000. "Contingent Values for New Mexico Instream Flows: With Tests of Scope, Group Size Reminder and Temporal Reliability:" *The Journal of Environmental Management*, 58(1):73-90.

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

(D) SYNERGISTIC ACTIVITIES

- *Disasters and Risk Perception (2005-present)*: Initiated in 2005, this project this project began with a SGER grant from NSF (SGER 6525967) to explore the role of risk perception in the immediate aftermath of hurricanes Katrina and Rita. This project generated survey data that included samples of evacuated individuals – this data spawned important collaborations in disaster and risk.
- *Weather, Climate and Public Policy (2007-present)*: A group of projects and collaborations with the University of Oklahoma's National Weather Center. This includes participation in the \$75million competition for OU's Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) Center with NOAA. An important part of this collaboration includes studying the societal impacts of weather extremes and climate variability—particularly individual and community response to tornadoes, drought, ice storms, and climate change.
- *Preference Formation and Elicitation in Valuing Non-Market Goods (1997-present)*: This project, based on an NSF grant (R824679), has focused on understanding how individuals make choices about costly public strategies to achieve public goods (e.g., greenhouse gas reductions via carbon taxes) when faced with substantial complexity and scientific uncertainty. This project has resulted in numerous publications in leading peer-reviewed journals.

(E) COLLABORATORS & OTHER AFFILIATIONS

i. Collaborators and Co-Editors

Gilbert Bassett, *University of Illinois, Chicago*; Robert R. Berrens, *University of New Mexico*; Alok Bohara, *University of New Mexico*; Evaristo Bonano, *Sandia National Laboratories*; David Brookshire, *University of New Mexico*; Grant DeLozier, *University of Oklahoma*; Phillip Ganderton, *University of New Mexico*; Kevin Goebbert, *Valparaiso University*; Kerry Herron, *University of Oklahoma*; Hank C. Jenkins-Smith, *University of Oklahoma*; Daniel Kahan, *Yale University*; Hui Li, *University of Birmingham, UK*; Donald Moynihan, *University of Wisconsin, Madison*; Chris Murray, *University of Oklahoma*; Robert Rechard, *Sandia National Laboratories*; Richard Waterman, *University of Kentucky*; David L. Weimer, *University of Wisconsin, Madison*

ii. Graduate Advisors and Postdoctoral Sponsors

David L. Weimer, *University of Wisconsin, Madison*
Richard Niemi, *University of Rochester*
Eric Hanushek, *Hoover Institution, Stanford University*

iii. Thesis Advisor and Postgraduate-Scholar Sponsor

Jill Nicholson Crotty (Texas A&M University, Political Science)
Carl Doerfler (Texas A&M University, Political Science)
Kuhika Gupta (University of Oklahoma, Political Science)
Matthew Nowlin (University of Oklahoma, Political Science)
Thomas Rabovsky (University of Oklahoma, Political Science)
Geoboo Song (University of Oklahoma, Political Science)
Christina Suthammanont (Texas A&M University, Political Science)
Sarah Trouset (University of Oklahoma, Political Science)
Joseph Ripberger (University of Oklahoma, Political Science)
Mark James (University of Oklahoma, Political Science)