

Matthew C. Nowlin

Curriculum Vitae

Department of Political Science
College of Charleston
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Charleston, SC 29414

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Academic Appointments

Assistant Professor, *Department of Political Science*, College of Charleston, August 2013–present

Affiliations

Faculty Affiliate, *Sustainability Literacy Institute*, College of Charleston, August 2017–present

Faculty Fellow, *Joseph P. Riley Jr. Center for Livable Communities*, College of Charleston, August 2015–present

Graduate Research Assistant, *Center for Applied Social Research*, University of Oklahoma, January 2008–August 2013

Education

Ph.D. Political Science, University of Oklahoma, 2013

M.A. Political Science, University of Central Oklahoma, 2008

B.A. Psychology, University of Central Oklahoma, 2003

Research

Research Interests: Policymaking Process, Environmental Policy, Policy and Public Opinion

Refereed Articles

Nowlin, Matthew C. and Thaddieus W. Conner. 2017. “‘Hot Rocks that Shoot Ghost Bullets’: Native American Perceptions of a Nuclear Waste Facility.” *Politics, Groups, and Identities, Forthcoming*.

Conner, Thaddieus W., Matthew C. Nowlin, Thomas M. Rabovsky, and Joseph T. Ripberger. 2016. “Cultural Theory and Managerial Values: Examining Trust as a Motivation for Collaboration.” *Public Administration*, 94(4): 915-932.

Nowlin, Matthew C. 2016. “Modeling Issue Definitions using Quantitative Text Analysis.” *Policy Studies Journal*, 44(3): 309-331.

Nowlin, Matthew C. 2016. “Policy Change, Policy Feedback, and Interest Mobilization: The Politics of Nuclear Waste Management.” *Review of Policy Research*, 33(1): 51-70.

Nowlin, Matthew C. 2015. “Partisanship, Information, and Public Opinion about Yucca Mountain.” In *Proceedings of the 15th International High-Level Radioactive Waste Management Conference*, 226-231. American Nuclear Society.

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(3): 713-731.

Goebbert, Kevin, Hank C. Jenkins-Smith, Kim Klockow, Matthew C. Nowlin, and Carol L. 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.

Nowlin, Matthew C. 2011. "Theories of the Policy Process: State of the Research and Emerging Trends." *Policy Studies Journal*, 39(s1): 41–60.

Excerpted in Theodoulou, Stella Z., and Matthew A. Cahn (eds). 2013. *Public Policy: The Essential Readings*. 2nd Edition. Pearson: New York, NY. pgs. 190–195

Jenkins-Smith, Hank C., Carol L. Silva, Carol L., 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.

Nowlin, Matthew C. 2008. "The Implementation of the Oklahoma Marriage Initiative to Individuals Receiving Temporary Assistance for Needy Families." *Oklahoma Politics*, Vol. 17: 111-131.

Professional Reports

Jenkins-Smith, Hank C., Kuhika Gupta, Carol L. Silva, Kerry G. Herron, Joseph T. Ripberger, *Matthew Nowlin*, Rob P. Rechar. 2014. "Insights on Conducting Consent-Based Siting of Radioactive Waste Management Facilities: Evidence from a Nationwide Survey of US Residents" *U.S. Department of Energy, Nuclear Fuel Storage and Transportation Planning Project*, Report Number: FCRD-NFST-2014-000087.

Jenkins-Smith, Hank C., Carol L. Silva, Kerry G. Herron, Kuhika G. Ripberger, *Matthew Nowlin*, Joseph Ripberger. 2013. "Public Preferences Related to Consent-Based Siting of Radioactive Waste Management Facilities for Storage and Disposal: Analyzing Variations over Time, Events, and Program Designs" *Sandia National Laboratory*, Report Number: FCRD-NFST-2013-000076; SAND 2013-0032P.

Jenkins-Smith, Hank C., Carol Silva, Rob P. Rechar, Kuhika Gupta, *Matthew C. Nowlin*, Joseph Ripberger, Savannah Collins, Mark James, Geoboo Song, and Sarah Trouset. 2011. "Perspectives on Nuclear Waste Management: Fuel Cycle Research and Development" *Sandia National Laboratory*, Report Number: FCRD-USED-2011-000334.

Other Publications

Book Review: Nowlin, Matthew C. 2017. "Improving Governance of Risk and Uncertainty." *Journal of Public Administration Research and Theory*, *Forthcoming*.

Open Source Book: Jenkins-Smith, Hank C., Joseph T. Ripberger, Gary Copeland, Matthew C. Nowlin, Tyler Hughes, Aaron L. Fister, and Wesley Wehde. 2017. *Quantitative Research Methods for Political Science, Public Policy, and Public Administration*. Available here: <https://shareok.org/handle/11244/52244>

Grants Awarded

External Funding

Project Title: Can Deliberative Discussions Lay a Foundation for Integrated Decision-Making Networks?, *Gulf Research Program of the National Academies of Sciences, Engineering, and Medicine*, 2016–2018, \$259,414.00. Co-PI with Susan Lovelace and Justin Reedy

Project Title: Understanding Perceptions of Climate Change in South Carolina's Coastal Communities: An Approach using Cultural Cognition and Deliberative Polling, *South Carolina Sea Grant Consortium*, 2014–2015, \$25,000.00

Internal (College of Charleston) Funding

Project Title: Public Support for a Carbon Tax to Address Climate Change, *Center for Public Choice and Market Process, School of Business, College of Charleston*, 2017–2018 \$7,000.00.

Project Title: Institutional Diversity in Dealing with Sea-Level Rise in South Carolina, *Sustainability Literacy Institute at the College of Charleston*, Summer and Fall 2017, \$2,000.00.

Project Title: The Political Economy of Climate Change Governance in the United States, *Center for Public Choice and Market Process, School of Business, College of Charleston*, 2016–2017 \$7,000.00.

In Progress

Environmental Policymaking and Governance in an Era of Climate Change, book manuscript under contract with Routledge. Expected 2018.

Thinking and Acting Locally: Public Support for Local Climate Adaptation among Coastal Residents in South Carolina, with Lorna Parkinson, Justin Reedy, Kendra Stewart, and Elizabeth Fly

Crisis Events, Risk Communities, and the Evolution of Public Support for Nuclear Energy in the United States, with Kuhika Gupta, Joseph Ripberger, Hank Jenkins-Smith, and Carol Silva

Policy Learning and Information Processing

Presentations

Professional Conferences, Workshops, and Invited Presentations

Understanding Climate Change, *Presented at the Charleston County Public Library. Charleston, SC. August 2017*

Public Support for Climate Change Adaptation Among South Carolina's Coastal Residents, *Presented at the Carolinas Climate Resilience Conference. Charlotte, NC. September 2016*

Coalitions and Principal-Agent Dynamics: Delegation and the Advocacy Coalition Framework. *Presented at the Theoretical Nexus of Public Policy and Management workshop at the University of Arizona. October 2014*

Nuclear Acceptability among the US Public: 1973–2013. *Presented at the Used Fuel Management Conference. St. Petersburg, FL. May 2014*

Public Perspectives on the Management of Used Nuclear Materials. *Presented at the National Nuclear Fuel Cycle Summit. Carlsbad, NM. April 2012*

Selected Academic Conferences

Cultural and Environmental Cognition: Cultural Cognition, New Ecological Paradigm, and Climate Change Risk, *Presented at the Annual Meetings of the Midwest Political Science Association. April 2017*

Policy Learning and Information Processing, *Presented at the Annual Meetings of the American Political Science Association. September 2016*

The Climate Change Policy Regime and Information Networks in the United States Congress, *Presented at the Annual Meetings of the Midwest Political Science Association. April 2016*

Cultural or Scientific Consensus? Cultural Cognition, Climate Science Knowledge, and Policy Preferences, with Lorna Parkinson, *Presented at the Annual Meetings of the Midwest Political Science Association. April 2015*

Native Americans and Risk Perceptions: Exploring Attitudes Towards the Waste Isolation Pilot Plant in New Mexico, with Thaddieus Conner, *Presented at the Annual Meetings of the Western Political Science Association. April 2015*

Ideology, Science Literacy, and the Polarization of Science-Based Policy Issues, *Poster Presentation, Presented at the Annual Meetings of the American Political Science Association. August 2014*

Congressional Hearings and the Collection of Information: Committee Chairs and the Politics of Climate Change, with Walter Jatkowski, *Presented at the Annual Meetings of the Midwest Political Science Association. April 2014*

Competing Issue Definitions and Information Processing in Congress, *Presented at the Annual Meetings of the Public Choice Society. March 2014*

Better Informed or Better Partisans?: Partisanship, Sophistication, and Public Opinion about Climate Change, with Thomas Rabovsky, *Presented at the Annual Meetings of the Midwest Political Science Association. April 2012*

The Politics of Nuclear Waste: Policy Design, Interest Mobilization, and Subsystem Development, *Presented at the Annual Meetings of the Midwest Political Science Association. March-April 2011*

The Mediating Impact of Partisanship: The Role of Knowledge, Issue Salience, and Partisan Bias in Developing Policy Preferences, with Thaddeus Conner, Sarah Trouset, and Dustin Woods, *Presented at the Annual Meetings of the Midwest Political Science Association. April 2010*

Overcoming NIMBY: Partisanship, Ideology, and Change in Risk Perception Over Time, with Hank Jenkins-Smith and Carol Silva, *Presented at the Annual Meetings of the Midwest Political Science Association. April 2009*

The Implementation of the Oklahoma Marriage Initiative to Individuals Receiving Temporary Assistance for Needy Families, *Presented at the Annual Meeting of the Oklahoma Political Science Association. 2007*

Teaching

College of Charleston

Public Policy (EVSS/PUBA 602)

American Government (POLI 101)

The Nuclear Option: The Politics of Nuclear Energy in the United States (FYSE 131)

Doing Research in Politics (POLI 205)

Environmental Policy (POLI 307)

Sustainable Resource Management (POLI 319)

Capstone: Information and Policymaking (POLI 405)

University of Oklahoma

Public Policy and Climate Change (P SC 3220)

Professional Activities

Reviewer (journals) *Environmental Politics, Journal of Public Policy, Policy Sciences, Policy Studies Journal, Public Administration, Review of Policy Research, Risk Analysis, Social Science Quarterly*

Reviewer (grants) *California Sea Grant*

College service: Honor Board (2016-2017), Grievance Committee (2017-2018), M.S. Environmental Studies admissions committee (2013-present), Environmental and Sustainability Studies undergraduate minor steering committee (2015-present), Master of Public Administration admissions committee (2013-present)

Department service: Graduate School Advisor (2016-present), Library Liaison (2016-present), Awards committee (2014-2016), Curriculum Committee (2013-2014)

Community: Mentor for Academic Magnet High School senior thesis (Sophie McCallum 2015)

Member, American Political Science Association

Member, Midwest Political Science Association

Member, Southern Political Science Association

Advising

M.S. Environmental Studies Students, Primary Advisor (year)

Mari Bishop (thesis 2015), Lorna Parkinson (thesis 2015), Aaron Holly (internship 2016), Amanda Corll (internship 2017)

Master of Public Administration Students, Primary Advisor (year)

Julianna Maire (thesis 2015)

M.S. Environmental Studies Students, Committee Member (year)

Friedrich Knuth (2014), Racheal Bassett (2015), Jennifer Gross (2015), Nicole Montey (2015), Ashlyn Hochschild (2016), Sarah Myers (2016), Katilyn Beidler (2016), Sarah Byce (2016), Ashley Schnitker (2016), Michelle Franco (2016), Alex Miller (2017)

Master of Public Administration Students, Committee Member (year)

Megan Schwab (2016)

Additional Education

A Practical Introduction to Bayesian Statistical Modeling, *Instructor*: Simon Jackman, Winter Political Methodology Workshop, Texas A&M University, January 2011

Geo-Spatial Summer Institute, *Topics*: Remote Sensing, GPS, and Geographic Information Systems, University of Oklahoma, May 2009

Professional Experience

Risk Communication Research Assistant, *Sandia National Laboratory*, May 2008 — August 2008

Statistical Research Specialist, *Oklahoma Employment Security Commission*, July 2006 — August 2007

Social Service Specialist, *Oklahoma Department of Human Services*, March 2005 — July 2006

References

Hank Jenkins-Smith
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