

# Matthew C. Nowlin

## *Curriculum Vitae*

Department of Political Science  
College of Charleston  
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## Academic Appointments

Associate Professor, *Department of Political Science*, College of Charleston, August 2019–present

Assistant Professor, *Department of Political Science*, College of Charleston, August 2013–August 2019

## Affiliations

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

Research Fellow, *Center for Public Choice and Market Process*, College of Charleston, August 2014–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, Energy and Environmental Policy, Policy and Public Opinion

### *Books*

Nowlin, Matthew C. 2019. *Environmental Policymaking in an Era of Climate Change*. New York, NY: Routledge.

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*. University Libraries, University of Oklahoma. SHAREOK, Open Education Resource. DOI: <http://dx.doi.org/10.15763/11244/52244>

### *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*, 7(1): 21-38.

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. Rechard. 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. Rechard, 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. 2018. "Improving Governance of Risk and Uncertainty." *Journal of Public Administration Research and Theory*, 28(1): 158-160.

### *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:* Stakeholder Collaboration in Climate Change Planning and Decision-Making Networks *Center for Public Choice and Market Process, School of Business, College of Charleston*, 2018–2019 \$5,040.00.

*Project Title:* Risk, Resilience, and Environmental Justice, *Sustainability Literacy Institute at the College of Charleston*, Summer 2018, \$3,000.00.

*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.

*Project Title:* Understanding Perceptions of Climate Change in Charleston: An Approach using Cultural Cognition and Deliberative Democracy, with Lorna Parkinson, *Student/Faculty Research Development Funding, Master's of Environmental Studies Program, College of Charleston*, 2014–2015 \$2,500.00

*Project Title:* Congressional Hearings and the Collection of Information: Committee Chairs and the Politics of Climate Change, *Center for Public Choice and Market Process, School of Business, College of Charleston*, 2014–2015 \$7,000.00.

## Presentations

### *Professional Conferences, Workshops, and Invited Presentations*

Collaboration and Coastal Governance: Engaging Stakeholders on Coastal Issues, *Presented at the Social Coast Forum. Charleston, SC. February 2018*

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*

Planning for Change: Including Climate Change in State Hazard Mitigation Plans, with Seanna Kautz, *Presented at the Annual Meetings of the American Political Science Association. August 2018*

Cultural Theory, Partisanship, and Climate Change Risk, with Thomas Rabovsky, *Presented at the Annual Meetings of the Midwest Political Science Association. April 2018*

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 (graduate and undergraduate)

American Government

The Nuclear Option: The Politics of Nuclear Energy in the United States

Doing Research in Politics

Environmental Policy

Sustainable Resource Management

Capstone: Information and Policymaking

*University of Oklahoma*

Public Policy and Climate Change

## 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

Last updated: June 12, 2019