

# Wesley Wehde

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## Academic Positions:

Assistant Professor (tenure track), August 2019 – present  
Department of Political Science, International Affairs, and Public Administration  
East Tennessee State University

## Education:

Ph.D. in Political Science, 2019  
University of Oklahoma, Norman, OK

- ◆ Fields: Public Policy, Public Administration, Research Methods
- ◆ Committee: Hank Jenkins Smith (chair), Carol Silva, Joseph Ripberger, Scott Robinson, and Edward Cokely (psychology)
- ◆ Dissertation: *From the Mundane to the Profound: Developing a Political Model of Weather Information Processing and Climate Change Beliefs*

M.A. in Political Science, 2017  
University of Oklahoma, Norman, OK

B.A. in Economics and Public Affairs/Administration, 2014  
University of Oklahoma, Norman, OK

## Refereed Publications:

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Joseph Ripberger, Makenzie Krocak, **Wesley Wehde**, Jinan Allan, Carol Silva, and Hank Jenkins-Smith. "Measuring Tornado Warning Reception, Comprehension, and Response in the United States". *Weather, Climate, and Society* (2019): Ahead of print at <https://doi.org/10.1175/WCAS-D-19-0015.1>.

Junghwa Choi and **Wesley Wehde**. "Problem Definition, Policy Choice and Venue Shopping: A micro-model of problem definition and policy choice for earthquake mitigation." *Review of Policy Research* (2019): Early View at <https://doi.org/10.1111/ropr.12354>

**Wesley Wehde**, Jason Pudlo, and Scott Robinson. "Is Anybody Out There?: Communication of Natural Hazard Warnings at Home and Away." *Social Science Quarterly* (2019): EarlyView at <https://doi.org/10.1111/ssqu.12641>

Deven Carlson, Joseph Ripberger, **Wesley Wehde**, Hank Jenkins-Smith, Carol Silva, Kuhika Gupta, Robert Berrens, and Benjamin Jones. "Benefit-Cost Analysis, Policy Impacts, and Congressional Hearings." *Journal of Benefit-Cost Analysis* 10.1 (2019): 65-94. <https://doi.org/10.1017/bca.2018.28>

Scott Robinson, Jason Pudlo, and **Wesley Wehde**. "The New Ecology of Tornado Warning Information: A Natural Experiment Assessing Threat Intensity and Citizen-to-Citizen Information Sharing." *Public Administration Review*, Early Access at <https://doi.org/10.1111/puar.13030>.

Elizabeth Bell, **Wesley Wehde**, and Madeleine Wiens-Stucky. "Supplement or Supplant? Estimating the Effect of State Lottery Earmarks on Higher Education Funding." Accepted for publication at *Education Finance and Policy*. Pre-print at [https://www.mitpressjournals.org/doi/abs/10.1162/edfp\\_a\\_00262](https://www.mitpressjournals.org/doi/abs/10.1162/edfp_a_00262).

Benjamin A. Jones, Robert P. Berrens, Hank Jenkins-Smith, Carol Silva, Joe Ripberger, Deven Carlson, Kuhika Gupta, and **Wesley Wehde**. "In search of an inclusive approach: Measuring non-market values for the effects of complex dam, hydroelectric and river system operations." *Energy Economics* 69 (2018): 225-236. <https://doi.org/10.1016/j.eneco.2017.11.024>.

Kuhika Gupta, Joseph Ripberger, and **Wesley Wehde**. "Advocacy Group Messaging on Social Media: Using the Narrative Policy Framework to Study Twitter Messages about Nuclear Energy Policy in the United States." *Policy Studies Journal* 46.1 (2018): 119-136. <https://doi.org/10.1111/psj.12176>.

## Manuscripts Under Review:

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Jinan Allan, Joseph Ripberger, **Wesley Wehde**, Makenzie Krocak, Carol Silva, and Hank Jenkins-Smith. "Geographic Distributions of Extreme Weather Risk Perceptions in the United States" *Under review*.

Junghwa Choi and **Wesley Wehde**. "Trust in Emergency Management Authorities and Individual Emergency Preparedness for Tornadoes." *Under review*.

Makenzie J. Krocak, Sean Ernst, Jinan N. Allan, **Wesley Wehde**, Joseph T. Ripberger, Carol L. Silva, and Hank C. Jenkins-Smith. "Thinking outside the polygon: A study of tornado warning reception outside of warning polygon bounds." *Submitted for review*.

Junghwa Choi, Romit Maulik, Scott Robinson, and **Wesley Wehde**. "What Matters the Most? Understanding Individual Emergency Preparedness Using Machine Learning." *Submitted for review*.

## Non-refereed Publications:

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Hank C. Jenkins Smith, Joseph T. Ripberger, Gary Copeland, Matthew C. Nowlin, Tyler Hughes, Aaron L. Fister, and **Wesley Wehde**. *Quantitative Research Methods for Political Science, Public Policy and Public Administration: 3rd Edition (With Applications in R)* available at <https://shareok.org/handle/11244/52244>.

Carol Silva, Joseph Ripberger, Hank Jenkins-Smith, Makenzie Krocak, and **Wesley Wehde**. "Refining the Baseline: Public Reception, Understanding, and Responses to Severe Weather Forecasts and Warnings in the Contiguous United States". Report prepared NOAA's Office of Weather and Air Quality through the U.S. Weather Research Program, December 2018. <http://risk.ou.edu/downloads/news/WX18-Reference-Report.pdf>

Elizabeth Bell, **Wesley Wehde**, and Madeleine Stucky. "[Who wins and who loses when states earmark lottery revenue for higher education?](#)" Post for Brookings Institute Brown Center Chalkboard blog, May 2018.

Kuhika Gupta, Joseph Ripberger, and **Wesley Wehde**. "[Advocacy groups use Twitter to build policy narratives featuring heroes, villains and victims.](#)" Post for LSE USAPP blog, February 2017.

Hank C. Jenkins-Smith, Carol L. Silva, Deven Carlson, Kuhika Gupta, Benjamin Jones, Joseph Ripberger, **Wesley Wehde**, and Robert Berrens. "Estimating Non-Use Values for Alternative Operations of the Glen Canyon Dam: An Inclusive Value Approach." Report for the U.S. Department of Energy, September 2016. [http://cess.ou.edu/resources/2016093-GCD\\_3B\\_FinalReport.pdf](http://cess.ou.edu/resources/2016093-GCD_3B_FinalReport.pdf)

## Working Papers:

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Joseph Ripberger, Jinan Allan, **Wesley Wehde**, Makenzie Krocak, Carol Silva, and Hank Jenkins-Smith. "Tornado Warning Reception, Comprehension, and Response across County Warning Areas in United States." *Invitation to submit*.

**Wesley Wehde**. "Multiple Levels of Feedback and the Affordable Care Act: Policy attitudes and civic engagement."

**Wesley Wehde**, Joseph Ripberger, Jinan Allan, Deven Carlson, Makenzie Krocak, Carol Silva, and Hank Jenkins Smith. "Public Willingness to Pay for Continuous and Probabilistic Hazard Information."

**Wesley Wehde**, Kuhika Gupta, Joseph Ripberger, and Junghwa Choi. "Narrative Strategies Across Mediums: When Space is Limited, How Do Advocacy Groups Economize and Prioritize."

**Wesley Wehde**. "The Institutional Grammar Tool as a Measure of Policy Diffusion and Innovation: A Case Study of Menu Labelling Policies."

Scott Robinson, **Wesley Wehde**, and Jason Pudlo. "New Ecology of Public Safety Information: Drivers of Redistribution of Tornado Information."

**Wesley Wehde**, Joseph Ripberger, and Hank Jenkins-Smith. "Integrating Theory and Methods: A New Open Access Textbook for Political Science and Public Policy"

## Teaching Experience:

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- ◆ Fall 2019:
  - ◆ PSCI 1120 Introduction to American Government (50 students)
  - ◆ PSCI 3440 Research Methods (30 students)
- ◆ Instructor of Record for Theories of the Policy Process, PSC 4220
  - ◆ Spring 2019
- ◆ Co-instructor for Introduction to Analysis of Political and Administrative Data, PSC 5923
  - ◆ Fall 2016
  - ◆ Fall 2017
- ◆ Co-instructor for Intermediate Analysis of Political and Administrative Data, PSC 5933
  - ◆ Fall 2016
  - ◆ Fall 2017

## Conference Papers and Presentations:

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- ◆ “Patterns of Weather Information Source Usage and their Predictors.” With Jinan Allan, Makenzie Krocak, Joseph Ripberger, Carol Silva, and Hank Jenkins-Smith. Poster presented at the *Oklahoma-Kansas Judgement and Decision-making* conference in Norman, OK., 2019.
- ◆ “Political Identity and Weather Forecasts: By-Product Learning and Climate Change Beliefs.” Presented at the *Southern Political Science Association* conference in Austin, TX., 2019.
- ◆ “Problem Definition, Policy Choice and Venue Shopping: A micro-model of problem definition and policy choice for earthquake mitigation.” With Junghwa Choi. Presented at the *Southern Political Science Association* Conference in Austin, TX., 2019.
- ◆ “How Can You Trust What You Don’t Use: Measuring Patterns of Individual’s Weather Information Source Reliance and Trust.” With Jinan Allan, Makenzie Krocak, Joseph Ripberger, Carol Silva, and Hank Jenkins-Smith. Poster presented at the *American Meteorological Society* Conference in Phoenix, AZ., 2019.
- ◆ “Problem Definition, Policy Choice and Venue Shopping: A micro-model of problem definition and policy choice for earthquake mitigation.” With Junghwa Choi. Presented at the *American Political Science Association* Conference in Boston, MA., 2018.
- ◆ “Integrating Theory and Methods: A New Open Access Textbook for Political Science and Public Policy.” With Joseph Ripberger and Hank Jenkins-Smith. Presented at the TLC mini-conference at the *American Political Science Association* Conference in Boston, MA., 2018.
- ◆ “Three Levels of Policy Feedback: Policy preference, government attitudes, and civic engagement.” Presented at the *Midwest Political Science Association* Conference in Chicago, IL., 2018.
- ◆ “Me or My Environment? Predictors of Concern for Healthcare in an Unhealthy State.” Presented at the *American Political Science Association* Conference in San Francisco, CA., 2017.
- ◆ “Threat Intensity and the Public Use of Warning Information: A Quasi-experimental Assessment of Tornado Warnings.” With Scott Robinson and Jason Pudlo. Presented at the *International Research Society on Public Management* Conference in Budapest, Hungary, 2017.
- ◆ “Narrative Strategies Across Mediums: When Space is Limited, How Do Advocacy Groups Economize and Prioritize.” With Kuhika Gupta, Joseph Ripberger, and Junghwa Choi. Presented at *Midwest Political Science Association* Conference in Chicago, IL., 2017
- ◆ “The Institutional Grammar Tool as a Measure of Policy Diffusion and Innovation: A Case Study of Menu Labelling Policies.” With Austin Sell. Presented at *Midwest Political Science Association* Conference in Chicago, IL., 2017.
- ◆ “Narrative Strategies Across Mediums: When Space is Limited, How Do Advocacy Groups Economize and Prioritize.” With Kuhika Gupta and Joseph Ripberger. Presented at *Midwest Political Science Association* Conference in Chicago, IL., 2016.
- ◆ “Social Media and Policy Narratives: A Study of Nuclear Policy Narratives on Twitter.” With Kuhika Gupta and Joseph Ripberger. Presented at *Midwest Political Science Association* Conference in Chicago, IL., 2015.
- ◆ “The Effects of Hospital Ownership on Patient Satisfaction Survey Results.” Presented at the *Oklahoma Political Science Association* Conference in Norman, OK., 2013.

## Research Interests:

Policy Process Theory, Environmental Policy, Natural Hazards Policy, Emergency Management, Policy Analysis

## Teaching Interests:

Research Methods, Policy Process, Environmental Policy, Policy Analysis, Public Administration, Emergency Management, State/Local Government

## Research Proposals Funded:

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- ◆ H.V. Thornton Memorial Award, OU Department of Political Science, AY 2018-2019.
  - ◆ Amount: \$1,800
- ◆ H.V. Thornton Memorial Award, OU Department of Political Science, AY 2017-2019.
  - ◆ Amount: \$1,700

## Awards:

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- ◆ Best Graduate Student Poster award at OKJDM 2019.
- ◆ Second place Graduate Student poster from the Societal Applications Symposium at AMS 2019.
- ◆ Richard C. Kearney Endowed Fellowship, OU Department of Political Science, 2017- 2018
- ◆ John Halvor Leek Scholarship (multiple), OU Department of Political Science, 2016-2019, Amount: \$500 per semester.
- ◆ 2017 Behavioral Models of Politics Conference and Workshop Graduate Student Travel Grant, Amount: \$300.
- ◆ Graduate Student Senate Conference Travel Grant to Midwest Political Science Association National Conference, 2015, Amount: \$692.
- ◆ Foundation Fellowship, University of Oklahoma, 2015-2019, Amount: \$2,500 per semester.
- ◆ OU Creatives Finalist Best Cultural Review, 2017.
- ◆ Phi Beta Kappa, University of Oklahoma, Spring 2014.
- ◆ Benson Undergraduate Research Paper Award, Spring 2014.
- ◆ National Merit Scholarship, University of Oklahoma, 2011-2016

## Research Experience:

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- ◆ Graduate Research Assistant, OU Center for Energy, Security, and Society, Jan. 2015-Present.
- ◆ Graduate Research Assistant, OU Center for Risk and Crisis Management, Jan. 2015- Present.
- ◆ Undergraduate Policy Research Fellow, OU Center for Risk and Crisis Management, Nov. 2013 – Dec. 2014.
- ◆ Research Fellow, OU Carl Albert Center, August 2012- May 2013.

## Training, Certifications and Proficiencies:

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- ◆ NSF/NIH Research Ethics Certification
- ◆ Official LGBTQ Ally Training
- ◆ Best Practices in Online Education Training through OU Online and Technology Services
- ◆ CITI Institutional Review Board Training
- ◆ ICPSR Short Course on Bayesian Multilevel Modelling, Berkeley, CA, Summer 2017
- ◆ APSA 2017 Pre-conference Short Course on Tools & Best Practices for the Integration of Spatial Data
- ◆ APSA 2018 Pre-conference Short Course on Neural Networks for Social Science Research
- ◆ Statistical Software and Data Management:
  - R, SPSS, Matlab, Minitab, MS Access, BUGS, JAGS
- ◆ Presentation and Word Processing:
  - Microsoft Office Suite, LaTeX, Beamer

## Professional Affiliations:

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- ◆ American Political Science Association
- ◆ Midwest Political Science Association
- ◆ Southern Political Science Association
- ◆ American Meteorological Society

## Service to the Profession

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- ◆ Poster Session discussant, Midwest Political Science Association National Conference, Chicago, IL., 2018.
- ◆ Manuscript reviewer for *Nonprofit Management and Leadership*, *Public Administration*, *The Social Science Journal*, and the Comparative Agendas Project Working Paper Series.
- ◆ American Society for Public Administration, Oklahoma Chapter's Membership Committee, Spring 2017-Spring 2018.

## References:

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