

Kathleen Sherman-Morris

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ADMINISTRATIVE EXPERIENCE

Assistant Dean for Academic Affairs, College of Arts & Sciences 2022 -
Interim Assistant Dean for Academic Affairs, College of Arts & Sciences 2021 - 2022

Primary responsibilities include graduate-level academic affairs, scheduling and enrollment management. Accomplishments include:

- Created a graduate coordinator handbook
- Established an awards program and ceremony to recognize graduate students
- Established a Dean's Graduate Student Advisory Group.

Administrative Faculty Fellow, College of Arts & Sciences 2020 - 2021

Provided strategic support for on-going College initiatives and served in an advisory role to the Dean and Associate Dean of Academic Affairs. As fellow, I conducted research on faculty and graduate student workload, worked with the Provost's office and departments regarding classroom technology, and reviewed student appeals and petitions.

Director, Geosciences Distance Learning Programs 2012 - 2019

As director, I served in the following capacities as necessary for the development and administration of the department's distance programs in Broadcast Meteorology, Operational Meteorology, Teachers in Geoscience, Applied Meteorology, and Environmental Geosciences, which together serve approximately 400 majors.

- Supervisory: conducted annual reviews of distance learning lecturers, identified and recommended new candidates for lecturer positions, supervised student workshop assistants
- Programmatic administration: determined course offerings and prepared schedules, planned workshops, coordinated field course offerings, prepared proposals for curriculum modification
- Student advisement: advised academic coordinator on course substitution where needed, provided an ear for student concerns, advised students regarding course selection and degree completion
- Assessment: performed program assessment for institutional effectiveness, coordinated programmatic attainment of international standards, oversaw all concentration-wide examinations
- Marketing: created content for web, brochures, made marketing decisions, recruited students

ACADEMIC EXPERIENCE

Mississippi State University Department of Geosciences

Professor 2019 -
Associate Professor 2013 - 2019
Assistant Professor 2007 - 2013

Instructor	2003 - 2006
Lecturer	1999
Teaching Assistant	1997 - 1999
Florida State University Department of Geography Teaching Assistant	2000 - 2002
Mansfield University Department of English Peer Learning Assistant	1997

EDUCATION

PhD in Geography Florida State University, Tallahassee, FL Dissertation: A Place for PSI: Finding a role for Parasocial Interaction in Hazards Research Advisor: Jay Baker	2006
Master of Science in Geosciences. Concentration in Broadcast Meteorology. Mississippi State University, Mississippi State, MS Thesis: Perceptions of El Niño: The Effect of Media on Public Perception. Advisor: Doug Gamble	1999
Bachelor of Science in Education, Social Studies. Concentration and minor in Geography. Mansfield University, Mansfield, PA Honors Thesis: Fin de Siecle Vienna Advisor: Larry Uffelman	1997

PUBLICATIONS

* indicates co-author was student while the research was being conducted

Peer-Reviewed

- 43 Vaughn,* C., **Sherman-Morris, K.**, & Poe, P. (forthcoming). Factors Influencing Retweeting of Local News Media Tweets During Hurricane Irma, *Natural Hazards*
<https://doi.org/10.1007/s11069-023-06140-5>
- 42 Ali,* S. A., **Sherman-Morris, K.**, Meng, Q., & Ambinakudige, S. (2023). Longitudinal disparities in social determinants of health and COVID-19 incidence and mortality in the United States from the three largest waves of the pandemic. *Spatial and Spatio-temporal Epidemiology*.
<http://dx.doi.org/10.1016/j.sste.2023.100604>
- 41 **Sherman-Morris, K.**, Vaughn, C.,* Senkbeil, J., Wooten, S.* (2022) The influence of demographic and place variables on personalized tornado risk area, *Weather, Climate and Society*. 14, 1261-1272
- 40 Ali,* S. A., **Sherman-Morris, K.**, & Ambinakudige, S. (2022). Spatial Exploration of Social Vulnerability and COVID-19-Related Health Outcomes in Mississippi. *Southeastern Geographer*, 62(3), 213-230. <https://muse.jhu.edu/article/863067/pdf>
- 39 Senkbeil, J., **Sherman-Morris, K.**, Skeeter, W., Vaughn, C.* (2022) Tornado Radar Images and Tornado Paths: An Assessment of Public Knowledge in the Southeastern U.S. *Bulletin of the American Meteorological Society* <https://doi.org/10.1175/BAMS-D-21-0204>

- 38 **Sherman-Morris, K.**, Senkbeil, J., Vaughn, C.* (2022) How close is close enough? A discussion of the distances relevant to personalizing tornado risk. *Bulletin of the American Meteorological Society* <https://doi.org/10.1175/BAMS-D-21-0142.1>
- 37 Elcik*, C., Fuhrmann, C., Sheridan, S., Mercer, A., **Sherman-Morris, K.** (2022) Geographical variability in the relationship between synoptic weather type and emergency department visits for different types of pain across North Carolina, *International Journal of Biometeorology*. 66, 559–572
- 36 Croskery, C.* **Sherman-Morris, K.**, Brown, M. (2021) Learning from the COVID-19 Pandemic: When Public Health and Tornado Threats Converge. *Weather, Climate and Society*. 13(4) 963-973. <https://doi.org/10.1175/WCAS-D-20-0141.1>
- 35 Senkbeil, J., Griffin, D., **Sherman-Morris, K.**, Saari, J., Brothers, K. (2021) Improving Tornado Warning Communication for Deaf and Hard of Hearing Audiences. *Journal of Operational Meteorology* 9(2) 18-35.
- 34 Elcik*, C., Fuhrmann, C., Sheridan, S., Mercer, A., **Sherman-Morris, K.** (2020) Relationship between synoptic weather type and emergency department visits for different types of pain across the triangle region of North Carolina. *International Journal of Biometeorology*. 46(11) 1815-1823.
- 33 **Sherman-Morris, K.** Pechacek*, T. Griffin, D, Senkbeil, J (2020) Tornado warning awareness, information needs and the barriers to protective action of individuals who are blind. *International Journal of Disaster Risk Reduction*. 50, 101709. <https://doi.org/10.1016/j.ijdrr.2020.101709>
- 32 Nunley*, C.L., and **Sherman-Morris, K.** (2020) What People Know About the Weather, *Bulletin of the American Meteorological Society*.101(7), E1225-E1240 <https://journals.ametsoc.org/doi/abs/10.1175/BAMS-D-19-0081.1>
- 31 **Sherman-Morris, K.**, Poe, P. S., Nunley, C.* , and Morris, J. A. (2020) Perceived Risk, Protective Actions and the Parasocial Relationship with the Local Weathercaster: A Case Study of Hurricane Irma. *Southeastern Geographer*. 60(1) 23-47.
- 30 **Sherman-Morris, K.**, Martinez* I. D., Justice, C.A., and Hall, K.R. (2019) School counselor perceptions of the geosciences and career exploration activities used in their schools. *Journal of Geoscience Education*. 67(4) 446-458. <https://doi.org/10.1080/10899995.2019.1627854>
- 29 Subedi, J, Houston, B, and **Sherman-Morris, K.** (2018) Interdisciplinary Research as an Iterative Process in Building Systems Knowledge, *Risk Analysis*. doi: 10.1111/risa.13244
- 28 **Sherman-Morris, K.**, Houston, B, and Subedi, J (2018) Theoretical Matters: On the Need for Hazards and Disaster Theory Developed through Interdisciplinary Research *Risk Analysis*. <https://doi.org/10.1111/risa.13223>
- 27 **Sherman-Morris, K.**, Lussenden,* H., Kent,* A., and MacDonald,* C. (2018) Perceptions about Social Science among NWS Warning Coordination Meteorologists *Weather, Climate and Society*. 10(4) 597–612
- 26 Gutter,* B., **Sherman-Morris, K.**, Brown, M. (2018) Influence of severe weather watches on daily activities. *Weather, Climate and Society*. 10(4) 613-623
- 25 **Sherman-Morris, K.**, and Antonelli, K.B. (2018) Hurricane Knowledge and Interpretation of Forecasted Error Cone and Wind Potential Graphics. *Journal of Emergency Management*. 16(3) 137-148
- 24 Strawderman. L., Carruth, D.W., **Sherman-Morris, K.**, Menard,* P. Warkentin, M., and McNeal, K. (2018) Individual Transportation Decisions under Conditions of Risk and Uncertainty *Natural Hazards*. 92(2), 927-942. <https://doi.org/10.1007/s11069-018-3232-0>
- 23 **Sherman-Morris, K.** and Martinez* I. D. (2017) Optimistic Bias and the Consistency of Hurricane Track Forecasts, *Natural Hazards*. 88(3) 1523-1543

- 22 **Sherman-Morris, K.**, Clary, R., McNeal, K.S., Diaz-Ramirez, J., and Brown, M.E. (2017) An Earth Hazards Camp to Encourage Minority Participation in the Geosciences, *Journal of Geoscience Education*. 65 (1) 12-22.
- 21 **Sherman-Morris, K.**, Lea, * A. (2016). An Exploratory Study of the Influence of Severe Weather Radar Broadcasts. *Journal of Operational Meteorology*. 4(8): 108-122. DOI <http://dx.doi.org/10.15191/nwajom.2016.0408>
- 20 Touchstone*, R. B., and **Sherman-Morris, K.** (2016). Vulnerability to Prolonged Cold: A Case Study of the Zeravshan Valley of Tajikistan. *Natural Hazards*. 83: 1279-1300. DOI 10.1007/s11069-016-2394-x
- 19 **Sherman-Morris, K.** and McNeal, K (2016). Understanding Perceptions of the Geosciences among Minority and Non-Minority Undergraduate Students, *Journal of Geoscience Education*. 64 (2). 147-156.
- 18 Beriswell, J. E., P. Bracey, **K. Sherman-Morris**, K Huang, S. J. Lee. (2016). Professional Development for Promoting 21st Century Skills and Common Core State Standards in Foreign Language and Social Studies Classrooms. *Tech Trends*. 60(1), 77-84. DOI 10.1007/s11528-015-0004-5.
- 17 **Sherman-Morris, K.**, Antonelli*, K., Williams, C. (2015). Measuring the effectiveness of the graphical communication of hurricane storm surge threat. *Weather, Climate and Society* 7(1): 69-82.
- 16 Bryant*, B., Holiner*, M., Kroot*, R., **Sherman-Morris, K.**, Smylie*, W. B., Stryjewski*, L., Thomas*, M., Williams*, C. I. (2014). Usage of color scales on radar maps. *Journal of Operational Meteorology* 2 (14), 169-179.
- 15 **Sherman-Morris, K.** (2013). The public response to hazardous weather events: 25 years of research. *Geography Compass* (solicited) 7(10): 669-685.
- 14 **Sherman-Morris, K.**, Brown, M.E., Dyer, J.L., McNeal, K.S., Rodgers, J.C. (2013). Teachers' Geoscience Career Knowledge and Implications for Enhancing Diversity in the Geosciences, *Journal of Geoscience Education*. 61: 326-333.
- 13 **Sherman-Morris, K.**, Rodgers, J.C., McNeal, K.S., Brown, M.E., Dyer, J.L. (2012). Professional Development Strategies to Enhance Diversity in the Geosciences, *The Science Educator*. 21(2): 31-38
- 12 **Sherman-Morris, K.** and M. E. Brown (2012). Experiences of Smithville, Mississippi Residents with the 27 April 2011 Tornado, *National Weather Digest*. 36: 93-101.
- 11 Brommer, D., Thompson*, C. and **Sherman-Morris, K.** (2012). Pet Ownership and the Spatial and Temporal Dimensions of Evacuation Decisions. *The Southeastern Geographer*. 52: 253-266.
- 10 **Sherman-Morris, K.**, Senkbeil, J., Carver, R. (2011). Who's Googling What? What Internet Searches Reveal about Hurricane Information Seeking. *Bulletin of the American Meteorological Society*. 92(8), 975-985.
- 9 **Sherman-Morris, K.**, Schumacher, A., Drobot, S., McNeal, K. S. (2010). Hurricane Preparedness and Response among Pet Care Providers along the Gulf Coast: An Investigation of Hurricanes Gustav and Ike. *International Journal of Mass Emergencies and Disasters*. 28(3): 345-367.
- 8 Seinkbeil, J. Brommer, D. Dixon, G., Brown, M., **Sherman-Morris, K** (2010). The Perceived Landfall Location of Hurricane Gustav. *Natural Hazards*. 54(1): 141-158.
- 7 **Sherman-Morris, K.** (2010). Tornado Warning Dissemination and Response at a University Campus. *Natural Hazards*. 52(3): 623-638.
- 6 **Sherman-Morris, K.**, Morris, J., Thompson, K. (2009). Discovering Vegetation Patterns in the Owens Valley through the Use of Geospatial Technology. *Journal of Geoscience Education* 57(1): 64-72.

- 5 Dixon, G., Brown, M., **Sherman-Morris, K.** Kirkland, B. (2008). Comments on Seals Of (Dis) Approval: Television Weathercasters Debate The Value Of Voluntary Credentials, *National Weather Digest*. 32(1): 61-65.
- 4 Dixon, G., Brown, M., **Sherman-Morris, K.** Kirkland, B. (2008). Meteorology degrees and Certificates Offered by Mississippi State University. *National Weather Digest*. 32(1): 69-70.
- 3 **Sherman-Morris, K.** (2005). Tornadoes, Television and Trust—A Closer Look at the Influence of the Local Weathercaster during Severe Weather. *Environmental Hazards*. 6(4): 201-210.
- 2 **Sherman-Morris, K.** (2005). Enhancing threat: Using cartographic principles to explain differences in hurricane threat perception. *The Florida Geographer*. 36: 61-83.
- 1 Philip E Steinberg, Walter, Andy, and **Sherman-Morris, Kathleen** (2002). Using the Internet to Integrate Thematic and Regional Approaches in Geographic Education. *The Professional Geographer*. 54(3): 332-348.

Peer-reviewed Proceedings

- 1 Bracey, P., Lee, S.J., Huang, K., Beriswill, J. and **Sherman-Morris, K.** (2015). Enhancing Technology Integration in Mississippi Foreign Language and Social Studies Classrooms. In D. Slykhuys & G. Marks (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2015* (pp. 2894-2895). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

Books

- 3 **Sherman-Morris, K.**, Wax, C and Brown, M. Brown. (2012). Mississippi Weather and Climate. Jackson, MS: University Press of Mississippi.
- 2 Steinberg, P. E. and **Sherman-Morris, K.** (2004). *People and Places: A Case Studies Workbook to accompany An Introduction to Human Geography by J. M. Rubenstein*. Upper Saddle River, NJ: Prentice Hall.
- 1 Steinberg, P. E. and **Sherman-Morris, K.** (2003). *People in Places: A Documentary Case Studies Workbook to accompany Human Geography 3/e by Knox and Marston*. Upper Saddle River, NJ: Prentice Hall.

Encyclopedia Entry

- 2 **Sherman-Morris, K.** Ice Storms, In *Encyclopedia of Natural Hazards and Disasters: From Avalanches and Climate Change to Water Spouts and Wildfires*, B. Paul, ed. ABC-CLIO (forthcoming)
- 1 **Sherman-Morris, K.** (2010). Disaster Preparedness. In B. Warf (Ed.), *Encyclopedia of Geography*. (pp. 764-767). Thousand Oaks, CA: Sage Publications.

Trade Publications

- 3 Gillham, D., **Sherman-Morris, K.** (2009) Professional Development through Effective Distance learning. *The Earth Scientist*. XXV (1): 10-13
- 2 **Sherman-Morris, K.** (2008). Paws and Click: Disaster Preparedness Information on Animal Welfare Websites. *Weather and Society Watch* 2(4): 2, 8-9. (Online at http://www.sip.ucar.edu/news/pdf/WSW_July_2008.pdf)
- 1 **Sherman-Morris, K.** (n.d). The Weathercaster—A friend with authority, developed for use in Weather and Society Integrated Studies Compendium, E. Grunfest, J. Demuth and S. Drobot, eds.

Research Reports

Weather communication and response survey research

- 5 **Sherman-Morris, K.** Antonelli, K.*, Lea, A., Williams, C. (2012). Effective Communication of Storm Surge Risk, Prepared for NOAA, 36 pp.
- 4 **Sherman-Morris, K.** (2012). New Orleans/Baton Rouge NWS Forecast Office Product User Survey: Public Sample, Prepared for New Orleans/Baton Rouge National Weather Service, 44pp
- 3 **Sherman-Morris, K.** (2012). New Orleans/Baton Rouge NWS Forecast Office Product User Survey: Mass Media and Emergency Management Samples, Prepared for New Orleans/Baton Rouge National Weather Service, 56pp
- 2 Schumacher, A., **Sherman-Morris, K.** McNeal, K., and Drobot, S. (2008). Pet Care Professionals' Preparedness for, Response to and Utilization of Resources During Hurricane Gustav. Quick Response Report # 210. Boulder, CO: University of Colorado Natural Hazards Center. http://www.colorado.edu/hazards/research/qr/submitted/morris_2008.pdf
- 1 **Sherman-Morris, K.** (2008). Preliminary Report: Campus Response to Severe Weather of January 10, 2008. Prepared for the Mississippi State University Crisis Action Team.

Geoscience education survey research

- 6 Bell, B.* and **Sherman-Morris, K.** (2011). 7th and 8th Grade Science Attitudes and Geoscience Career Knowledge, Prepared for Starkville Academy, 23 pp
- 5 Bell, B.* and **Sherman-Morris, K.** (2011). 6th Grade Science Attitudes and Geoscience Career Knowledge, Prepared for Shivers Middle School and Aberdeen School District, 25 pp
- 4 Bell, B.* and **Sherman-Morris, K.** (2011). 5th Grade Science Attitudes and Geoscience Career Knowledge, Prepared for Pope Elementary School and South Panola School District, 22 pp
- 3 Bell, B.* and **Sherman-Morris, K.** (2011). 7th Through 12th Grade Science Attitudes and Geoscience Career Knowledge, Prepared for Nanih Waiya School and Louisville School District, 26 pp
- 2 Bell, B.* and **Sherman-Morris, K.** (2011). 7th Grade Science Attitudes and Geoscience Career Knowledge, Prepared for Alcorn Central Middle School and Alcorn School District, 24 pp
- 1 Bell, B.*. and **Sherman-Morris, K.** (2011). 7th through 12th Grade Science Attitudes and Geoscience Career Knowledge, Prepared for O'Bannon High School and Western Line School District, 27 pp

AWARDS AND RECOGNITION

UPCEA 2019 Excellence in Teaching Award University Professional & Continuing Education Association	2019
UPCEA South Region Continuing Education Faculty Award University Professional & Continuing Education Association	2018
Dean's Eminent Scholar Award College of Arts & Sciences, Mississippi State University	2016
Faculty Leadership Program, Fred Tom Mitchell Class Mississippi State University	2015 - 2016
Faculty Learning Community: How Learning Works , \$500 Mississippi State University Center for Teaching and Learning, funded by nSPARC	2013
State Pride Award , \$2500 Mississippi State University	2010
Weather and Society Integrated Studies (WAS*IS) summer fellow National Center for Atmospheric Research, Boulder, CO.	2007

Full expenses paid. Approximately \$1500 value (based on \$441 airfare, \$150 stipend, approximately \$900 room and board).

GRANTS

Research Grants

16	Sherman-Morris, K (PI), Asger Ali, Content analysis of tornado warning communication, Subaward from Northern Gulf Institute, August 2020-August 2022	~ \$48,000
15	Sherman-Morris, K. (PI), Geospatial Threat Personalization and its Influence on Warning Risk Perception and Protective Actions, September 2019 – August 2021, NOAA; Collaborative project with Jason Senkbeil, University of Alabama, \$192,917 funded project total, NA19OAR4590219	\$135,305
14	Sherman-Morris, K. (PI), Improving accessibility and comprehension of tornado warnings in the Southeast for the Deaf, Blind, and Deaf-Blind, September 2017 – August 2019, NOAA; Collaborative project with Jason Senkbeil and Darrin Griffin, University of Alabama, \$250,349 funded project total, NA17OAR4590198	\$103,434
13	Bracey, P. (PI) J. Beriswill, K. Huang, S. J. Lee, A. Latham, K. Sherman-Morris. (Co-PI, 10%) GAETI 2017: Integrating Global Academic Essentials: College and Career Readiness, 21st Century Skills, & Technology, March 2017 - March, 2018 Mississippi Institutions of Higher Learning	\$97,300
12	Bracey, P. (PI) J. Beriswill, K. Huang, S. J. Lee, A. Latham, K. Sherman-Morris. (Co-PI, 10%) GAETI 2016: Integrating Global Academic Essentials: College and Career Readiness, 21st Century Skills, & Technology, March 2016 - March, 2017 Mississippi Institutions of Higher Learning	\$90,000
11	Bracey, P. (PI) J. Beriswill, K. Huang, S. J. Lee, A. Latham, K. Sherman-Morris. (Co-PI 10%) GAETI 2015: Integrating Global Academic Essentials: Common Core, 21st Century Skills, & Technology, March 2015- March 2016 Mississippi Institutions of Higher Learning	\$90,000
10	Bracey, P. (PI) J. Beriswill, C. Forde, K. Huang, S. J. Lee, K. Sherman-Morris. (Co-PI 10%) GAETI: Integrating Global Academic Essentials: Common Core, 21st Century Skills, & Technology, March 2014-March 2015 Mississippi Institutions of Higher Learning	\$90,000
9	Sherman-Morris, K. (PI, Subaward), Storm Surge Inundation Mapping, Storm Surge Road Map, February-September 2012 NOAA/Northern Gulf Institute	\$10,963
8	Sherman-Morris, K. (PI) K. Brocato, D. Carruth, K. McNeal, L. Strawderman, M.Warkentin (Co-PIs), Risk Perception Cross College Group Mississippi State University Office of Research and Development	\$2,000
7	Sherman-Morris, K. (PI), M. Brown, R. Clary, J. Diaz-Ramirez and K. McNeal (Co-PIs), Hazards TEAMS: Teacher Education & Activities for Minority Students in the Meteorological, Geologic and Hydrologic Hazards. TRACK 1, August 15, 2011-August 15, 2015 National Science Foundation (NSF GEO-1107705) (MSU Award # 014466-001)	\$199,788
6	Sherman-Morris, K. (PI) J. Rodgers, M. Brown, K. McNeal and J. Dyer, (Co-PIs), Fueling the Geosciences Educational Pipeline: The development of a K-12	\$39,828

	Network to Support Minority Participation, October 1, 2009-September 30, 2011.	
5	National Science Foundation (NSF GEO-0939734) (MSU Award # 012314-001) Kirkland, B. (PI), G. Thibaudeau, F. Lynch, K. McNeal and K. Sherman-Morris , (Co-PIs) Diversity Enhancement of Geosciences through Research Experiences (DEGRE): Mentoring African Americans through Research and Professional Development (Track 1), September 1, 2009-September 1, 2012.	\$190,100
4	National Science Foundation (NSF GEO-0914576), (MSU Award # 012050-001) Sherman-Morris, K. (Subcontract) A Self-Assessment Tool for Measuring Geospatial Readiness. Summer, 2009. Department of Homeland Security, Southeast Regional Research Initiative (SERRI)	\$4,000
3	Brommer, D. (PI), J. Senkbeil, K. Sherman-Morris , G. Dixon, M. Brown. (Co-PIs) SGER: Primary Meteorological Variables Influencing Hurricane Evacuation Decisions: A Case Study of Hurricane Gustav, October 15, 2008- October 15, 2009.	\$5,780
2	National Science Foundation (NSF BCS-0852549) Sherman-Morris, K. (PI), A. Schumacher, Co-PI. Quick Response Grant: Hazard Response and Preparedness of Pet Care Professionals/Utilization of Resources by Pet Care Professionals during a Natural Disaster December 1, 2007- December 1, 2008. Natural Hazards Center, Boulder, CO	\$2,600
1	Sherman-Morris, K. (PI) Shillig Teaching Improvement Grant: An Earful of Technology to Help Our Students Succeed. 2004 Mississippi State University	\$2,240

Travel Grants/Invited Participant Travel

10	Participant travel award, Methods of Disaster Research: Interdisciplinary Approaches, National Science Foundation, March 30-31, 2017	\$1,000
9	Academic excellence fund award for travel to 2016 American Meteorological Society (\$500 from Arts & Sciences and \$500 from Office of Research and Development)	\$1,000
8	Academic excellence fund award for travel to 2016 American Meteorological Society (\$500 from Arts & Sciences and \$500 from Office of Research and Development)	\$1,000
7	Invited participant travel award, Vortex Southeast Interdisciplinary Workshop, Huntsville, AL. (room, board, and mileage), November 2015 University Corporation of Atmospheric Research	\$565
6	Invited participant travel award, Living with Extreme Weather Workshop, Norman, OK. (\$856 airfare, approximately \$544 room, board, and ground transportation), May 2015	~\$1,400
5	Invited social scientist travel award, Springfield, MO Integrated Warning Team, February, 2014 Southwest Missouri Emergency Support Organization	~\$900
4	Academic excellence fund award for travel to 2012 Association of American Geographers \$500 from Arts & Sciences and \$500 from Office of Research and Development	\$1,000

3	Academic excellence fund award for travel to 2011 Association of American Geographers	\$1,000
	\$500 from Arts & Sciences and \$500 from Office of Research and Development	
2	Student travel grant, to 1999 Association of American Geographers	\$200
1	Student travel grant, to 1999 Southeastern Division of the Association of American Geographers	\$200

PRESENTATIONS

Invited and funded presentations

- 5 **Sherman-Morris, K.** (2017) Hurricane Knowledge and Interpretation of Hurricane Forecast Graphics, Research Presentation given at Auburn University, Auburn, AL
- 4 **Sherman-Morris, K.** (2015), The Influence of Graphical Elements in Communicating Hurricane Forecast Information, Research Presentation given at Kent State University, Kent, Ohio
- 3 **Sherman-Morris, K.** (2014), Integrated Warning Team: Social Science Perspective, Presented at Integrated Warning Team Meeting, Springfield, Missouri.
- 2 **Sherman-Morris, K.** (2012), Tornado Warning Confirmation and Response, Research Presentation given at Footprints of Disaster, April 27, 2011, Tuscaloosa, AL.
- 1 **Sherman-Morris, K.** (2009), Essential Element 3; Physical processes that Shape the Earth's Surface, presented to Mississippi Geographic Alliance, Advanced Summer Institute, University of Mississippi, Oxford, MS.

Invited presentations/panel discussions

- 19 **Sherman-Morris, K.** Hurricane Risk Communication. National Hurricane Conference, Orlando, FL.
- 18 Senkbeil, J., Griffin, D., **Sherman-Morris, K.**, Saari, J., K (2021) Improving Tornado Communication for Deaf and Hard of Hearing Audiences (with ASL!) (<https://www.youtube.com/watch?v=FORkpRPXklk>)
- 17 **Sherman-Morris, K.** (2021) Hurricane Risk Perception, presentation made to the 43rd session of the Hurricane Committee of the World Meteorological Organization.
- 16 **Sherman-Morris, K.** (2020), Tornado warning communication and response. Results from the Southeastern US with a focus on individuals who are blind. Centre for Crisis Studies and Mitigation, University of Manchester (UK). (<https://www.youtube.com/watch?v=IHIFh7sZPbQ>)
- 15 **Sherman-Morris, K.** (2020), Vision Podcast, Episode 2 on Fall 2020 teaching methods.
- 14 **Sherman-Morris, K.** (2017), Taking your Program Online: Tips from the Geosciences Department, Center for Distance Education
- 13 **Sherman-Morris, K.** (2016), Purposeful Teaching, Center for Teaching and Learning
- 12 **Sherman-Morris, K.** and C. Fuhrmann (2016), Hazards Housing and Health, Mississippi State University Maroon Edition Event Series
- 11 **Sherman-Morris, K.** (2015), Panel discussant, What to Expect When you are Teaching an Online Class, Center for Teaching and Learning
- 10 **Sherman-Morris, K.** (2015), Panel discussant, Geography and Online Education A: What are the key challenges and opportunities afforded by online higher education? Association of American Geographers, Chicago, IL
- 9 **Sherman-Morris, K.** (2013), Panel Discussant: Global Warming - is it real? What if anything can we do? Foster Ballroom, Colvard Student Union.
- 8 **Sherman-Morris, K.** (2013), Evaluation of Storm Surge Mapping Options Using Lab Simulations and Surveys, Research Presentation given at National Hurricane Conference, New Orleans, LA

- 7 **Sherman-Morris, K.** (2013), Communication of Hurricane Storm Surge Threat: A Mixed-Method Analysis, Research Presentation given at 67th IHC/Tropical Cyclone Research Forum
- 6 **Sherman-Morris, K.** (2011), Caring for Companion Animals in a Disaster: Preparedness and Response. Research Presentation given at the 2011 National Hurricane Conference, Atlanta, GA
- 5 **Sherman-Morris, K.** (2011), Panel Discussant at Distance Learning (Campus 5) Course and Degree Proposals AOCE, Mississippi State University
- 4 Brown, M. E., **K. Sherman-Morris**, B. Bell, and K., Brown (2011), The Warning System and the Role of Broadcast Meteorologists During an EF5 Tornado as Described by the Residents of Smithville, MS. Paper presented at the National Weather Association 36th Annual Meeting, Birmingham, AL
- 3 Brown, M. E., **K., Sherman-Morris**, B., Bell, and K., Brown (2011), The Warning System and the Role of the National Weather Service During an EF5 Tornado as Described by the Residents of Smithville, MS. Research presentation given to the Southern Region of the National Weather Service via Go-To-Meeting, Memphis, TN.
- 2 **Sherman-Morris, K.** (2009), Panel Discussant following Katrina: Mississippi Women Remember, presented by Campus Activities Board, Mississippi State University.
- 1 **Sherman-Morris, K.** (2009), Mississippi Weather and Climate, presented to Mississippi Geographic Alliance Summer Institute, Mississippi State, MS.

Conference presentations

- 71 **Sherman-Morris, K.**, Senkbeil, J., Ali, S.M.A. and Vaughn, C. (2022) Using a sketch mapping activity to examine tornado risk personalization. Annual Meeting of the Southeastern Division of the American Association of Geographers, Atlanta, GA.
- 70 **Sherman-Morris, K.**, Senkbeil, J., Vaughn, C., and Ali, S.M.A. (2022) Geographic Information Relevant to Personalizing Tornado Risk. Annual Meeting of the National Weather Association, Pittsburgh, PA.
- 69 S M Asger Ali and **Sherman-Morris, K.** (2022) A Comparative Content Analysis of Local Television (a) ABC-affiliate WKRN-TV (licensed to Nashville, TN) and (b) dual CBS/CW+-affiliate WHLT (licensed to Hattiesburg, MS) Broadcaster's Tornado Warning Communication. Mississippi Academy of Science Summer Science & Engineering Symposium, Starkville, MS.
- 68 S M Asger Ali and **Sherman-Morris, K.** (2022) A Comparative Content Analysis of Local Television (a) ABC-affiliate WKRN-TV (licensed to Nashville, TN) and (b) dual CBS/CW+-affiliate WHLT (licensed to Hattiesburg, MS) Broadcaster's Tornado Warning Communication. Annual Meeting of the Association of American Geographers, virtual.
- 67 S M Asger Ali and **Sherman-Morris, K.** (2022) Exploratory Content Analysis of Two Local Television Broadcasters' Tornado Warning Communication, 102nd meeting of the American Meteorological Society, virtual
- 66 Senkbeil, J and **Sherman-Morris, K.**, (2021) Assessing Public Knowledge of Tornado Radar Images and Path Directions. Annual Meeting of the Southeastern Division of the American Association of Geographers, Florence, AL.
- 65 **Sherman-Morris, K.**, Vaughn, C., and Senkbeil, J (2021) Tornado threat personalization distance. Annual Meeting of the Southeastern Division of the American Association of Geographers, Florence, AL.
- 64 **Sherman-Morris, K.**, Vaughn, C., and Senkbeil, J (2021) Personalizing Tornado Risk Area. Annual Meeting of the National Weather Association, hybrid meeting
- 63 **Sherman-Morris, K.** (2020) Communicating geographic tornado warning information to people who are blind. Annual Meeting of the National Weather Association, virtual meeting.

- 62 **Sherman-Morris, K.,** H. Seitz, L. Strawderman, M. Warkentin. (2020) Perceived response costs across multiple threats. Poster presented at the 15th Symposium on Societal Applications: Policy, Research and Practice, American Meteorological Society, Phoenix, AZ (Peer-reviewed)
- 61 **Sherman-Morris, K.,** Pechacek,* T. (2019) Perceptions of tornado warnings among people who are Blind/Low-vision. Annual Meeting of the National Weather Association, Huntsville, AL
- 60 **Sherman-Morris, K.** Nunley,* C, and Poe, P. (2019) Media Use, Risk Perception and Response during Hurricane Irma. Annual Meeting of the Association of American Geographers, Washington, DC
- 59 **Sherman-Morris, K.** Pechacek,* T. (2019) Tornado Warnings and the Blind/Low-Vision Community. Paper presented at the 14th Symposium on Societal Applications: Policy, Research and Practice, American Meteorological Society, Phoenix, AZ. (Peer-reviewed)
- 58 **Sherman-Morris, K.** Nunley*, C, and Poe, P. (2018) Media Use, Risk Perception and Response during Hurricane Irma. 73rd Annual Meeting of the Southeastern Division of the Association of American Geographers, Johnson City, TN.
- 57 **Sherman-Morris, K.,** Pechacek,* T. (2018) Tornado warning communication needs among the Blind/Low-vision community, Annual Meeting of the National Weather Association, St. Louis, MO (Peer reviewed)
- 56 **Sherman-Morris, K.** (2018) User Interpretation of Hurricane Wind Potential and Forecast Track Graphics, Association of American Geographers, New Orleans, LA
- 55 Lalk,* S., **Sherman-Morris, K.,** Walker, R., Schmitz, D., Rodgers, J., Smith, G., and McNeal, K. (2018) Evaluation of K-12 Activity Modeling Erosional Processes, Association of American Geographers, New Orleans, LA
- 54 Goldsmith, B., **Sherman-Morris, K.,** Shroeder, J.J., and Torres, M.M. (2018) What Defines a Severe Thunderstorm? Perceptions from a Cross Section of Residents of the Lower Rio Grande Valley in South Texas. Paper presented at the 13th Symposium on Societal Applications: Policy, Research and Practice, American Meteorological Society, Austin, TX. (Peer-reviewed)
- 53 **Sherman-Morris, K.,** Lussenden,* H. (2018) Perceptions about Social Science Research and Key Issues: A Survey of Warning Coordination Meteorologists. Poster presented at the 13th Symposium on Societal Applications: Policy, Research and Practice, American Meteorological Society, Austin, TX. (Peer-reviewed)
- 52 **Sherman-Morris, K.,** Lussenden,* H. (2017) Warning Coordination Meteorologists' Perception of Social Science Issues. Poster presented at the 72nd Annual Meeting of the Southeastern Division of the Association of American Geographers, Starkville, MS
- 51 **Sherman-Morris, K.,** Lussenden,* H. (2017) Perceptions about Social Science among NWS Warning Coordination Meteorologists. Paper presented at the 12th Symposium on Societal Applications: Policy, Research and Practice, American Meteorological Society, Seattle, WA. (Peer-reviewed)
- 50 **Sherman-Morris, K.,** Antonelli, K. (2016) User Interpretation of Hurricane Wind Potential and Forecast Track Graphics. Paper presented at the 71st Annual Meeting of the Southeastern Division of the Association of American Geographers, Columbia, SC
- 49 **Sherman-Morris, K.,** Antonelli, K. (2016) User Interpretation of Hurricane Forecast Graphics. Paper presented at the 11th Symposium on Societal Applications: Policy, Research and Practice, American Meteorological Society, New Orleans, LA. (Peer-reviewed)

- 48 Sincoff,* Scott B. and **Sherman-Morris, K.** (2016) Communication Uncertainty of Winter
Weather to the Public through Social Media, Student Conference, American Meteorological
Society, New Orleans, LA.
- 47 Sincoff*, Scott B. and **Sherman-Morris, K.** (2016) Communication Uncertainty of Winter
Weather to the Public through Social Media, 44th Conference on Broadcast Meteorology,
American Meteorological Society, Austin, TX
- 46 **Sherman-Morris, K.,** M. Warkentin, L. Strawderman, K. S. McNeal, P. Menard, and D. Carruth
(2015) Decision Making Across Three Weather and Climate Scenarios K. Paper presented at
the 70th annual meeting of the Southeastern Division of the AAG, Pensacola, FL. (Peer-
reviewed).
- 45 K. S. McNeal, **Sherman-Morris, K.** Warkentin, M., Strawderman, L., and Menard, P. (2015)
Risk Perceptions and Behavioral Intent Related To Climate Change and Economic Cost, Paper
presented at the Geological Society of America, Baltimore, MD (Peer-reviewed)
- 44 **Sherman-Morris, K.** (2015). Hazards-based outreach for teachers and middle school
students. Association of American Geographers, Chicago, IL
- 43 **Sherman-Morris, K.,** R. Clary, M. E. Brown, and J. Diaz-Ramirez. (2015) Increasing Geoscience
Understanding through a Hazards-Based Workshop for Science Teachers. Poster presented
at the 24th Symposium on Education, American Meteorological Society, Phoenix, AZ (Peer-
reviewed).
- 42 **Sherman-Morris, K.,** M. Warkentin, L. Strawderman, K. S. McNeal, P. Menard, and D. Carruth
(2015) The influence of message and hazard characteristics on intended behavior in three
weather and climate scenarios. Paper presented at the 10th Symposium on Societal
Applications: Policy, Research and Practice, American Meteorological Society, Phoenix, AZ
(Peer-reviewed)
- 41 **Sherman-Morris, K.** (2014), Hazards-based outreach for teachers and middle school
students. Poster presented at the 67th annual meeting of the Southeastern Division of the
Association of American Geographers, Athens, GA (Peer-reviewed)
- 40 **Sherman-Morris, K.,** K. Antonelli, and C. Williams (2014), User Understanding of Hurricane
Wind Potential Graphics. 9th Symposium on Policy and Socio-Economic Research. American
Meteorological Society, Atlanta, GA (Peer-reviewed)
- 39 **Sherman-Morris, K.,** J. Carroll, R. Clary, M. E. Brown, K. S. McNeal, and J. Diaz-Ramirez
(2014), Hazards-based Outreach for Middle School Students. Poster presented at the 23rd
Symposium on Education, American Meteorological Society, Atlanta, GA (Peer-reviewed)
- 38 Del Valle Martinez, I*, **Sherman-Morris, K.** (2014), Risk Perceptions of Hurricane Track
Forecasts., Poster presented at the 13th Annual Student Conference, American
Meteorological Society, Atlanta, GA
- 37 **Sherman-Morris, K.,** K. Antonelli, C. Williams, and A. Lea (2013), Communication of
Hurricane Storm Surge Threat: A Mixed-Method Analysis. Paper presented at the 8th
Symposium on Policy and Socio-economic Research. 93rd Annual meeting of the American
Meteorological Society, Austin, TX. (Peer-reviewed)
- 36 **Sherman-Morris, K.,** K. S. McNeal, J. Carroll, M. E. Brown, R. Clary, and J. Diaz-Ramirez
(2013), A Hazards Approach to Increase Awareness and Perceived Relevance of the
Geosciences: Preliminary Results from a Project Designed to Enhance Diversity. Poster
presented at the 21st Symposium on Education at the 93rd Annual meeting of the American
Meteorological Society, Austin, TX. (Peer-reviewed)
- 35 **Sherman-Morris, K.,** K. Antonelli, A. Lea, C. Williams (2012), Effective Communication of
Hurricane Storm Surge Threat. Poster presented at the 67th annual meeting of the
Southeastern Division of the AAG, Asheville, NC (Peer-reviewed)

- 34 **Sherman-Morris, K.** (2012), Master of Science in Geosciences via Distance Learning from Mississippi State University. Workshop presented at the Eastern Regional Meeting of the NSTA, Atlanta, GA
- 33 **Sherman-Morris, K.,** M. Brown, K. Brown, B. Bell,* and P. Jackson* (2012), Warning Confirmation and Response in the 2011 Smithville, MS Tornado. Paper presented at the 106th annual meeting of AAG, New York, NY
- 32 **Sherman-Morris, K.,** B. Bell, M. Brown, J. Dyer, K. McNeal and J. Rodgers (2012), Minority Student Knowledge of and Interest in Geoscience Careers. Poster presented at the 21st Symposium on Education at the 92nd Annual meeting of the American Meteorological Society. (Peer-reviewed)
- 31 **Sherman-Morris, K.,** M. Brown, B. Bell*, and K. Brown (2011), Experiences of Smithville, MS Residents with the April 27 Tornado. Paper presented at the 66th annual meeting of the Southeastern Division of the AAG, Savannah, GA (peer-reviewed)
- 30 Brown, M., **K. Sherman-Morris,** B. Bell, and K. Brown, (2011), The Residents of Smithville, MS: What Worked and What Didn't Work During an EF5 Tornado. Paper presented at the National Weather Association 36th Annual Meeting, Birmingham, AL
- 29 **Sherman-Morris, K.** (2011), Master of Science in Geosciences via Distance Learning from Mississippi State University. Workshop presented at the Eastern Regional Meeting of the NSTA, Hartford, CT
- 28 **Sherman-Morris, K.,** M. Brown, J. Dyer, K McNeal, and J. Rodgers (2011), Teaching and Learning about Geoscience: A Survey of Mississippi Science Teachers. Paper presented at the 105th annual meeting of AAG, Seattle, WA
- 27 Kirkland, B.; Thibaudeau, G.; McNeal, K.; **Sherman-Morris, K.;** Baghi-Riding, N.; Meek, C.; Dickerson, O.; Jennings, M.; Dutrow, B.; Schmitz, S.; Lawrence, A. (2010), Human Resources for the Energy Workforce of the Future: Finding the Best Employees Requires Addressing Diversity Now. Paper presented at American Association of Petroleum Geologists, Annual Meeting Abstracts, v. 18, Conference Proceedings Published (Peer-reviewed)
- 26 **Sherman-Morris, K.,** J. Senkbeil, R. Carver (2010), Using Google Search Data to Track Hurricane Interest. Paper presented at the 65th annual meeting of the Southeastern Division of the AAG, Birmingham, AL
- 25 **Sherman-Morris, K.** (2010), Master of Science in Geosciences via Distance Learning from Mississippi State University. Workshop presented at the Central Regional Meeting of the NSTA, Kansas City, MO
- 24 **Sherman-Morris, K.,** B. Lipscomb, B. Cooke (2010), A Self-Assessment Tool for Measuring Geospatial Readiness for Disaster Management. Paper presented at the 104th annual meeting of AAG, Washington, DC
- 23 **Sherman-Morris, K.,** J. Senkbeil, R. Cossman (2010), Who's Googling What? What Internet Searches Reveal about Hurricane Information Seeking, Poster presented at American Meteorological Society Annual Meeting, Atlanta, GA
- 22 McNeal, K., R. Clary, **K. Sherman-Morris,** B. Kirkland, D. Gillham and A. Moe-Hoffman (2009), Mississippi State University's Geoscience Education and Geocognition Research Program in the Department of Geosciences. Paper presented at American Geophysical Union, San Francisco, CA
- 21 Senkbeil, J., D. M. Brommer, P.G. Dixon, M.E. Dixon, **K. Sherman-Morris** (2009), Methods of Assessing the Perceived Threat Location of Hurricane Evacuees. Paper presented at 64th annual Meeting of Southeastern Division of the AAG, Knoxville, TN (peer-reviewed)
- 20 **Sherman-Morris, K.,** J. Morris (2009), Teaching Earth Science with Google Earth. Workshop presented at the Eastern Regional Meeting of the NSTA, Ft. Lauderdale, FL (Peer-reviewed)

- 19 **Sherman-Morris, K.** (2009), Master of Science in Geosciences via Distance Learning from Mississippi State University. Workshop presented at the Eastern Regional Meeting of the NSTA, Ft. Lauderdale, FL
- 18 **Sherman-Morris, K., J. Morris** (2009), Teaching Earth Science with Google Earth. Workshop presented at the Midwestern Regional Meeting of the NSTA, Minneapolis, MN (Peer-reviewed)
- 17 **Sherman-Morris, K.** (2009), Master of Science in Geosciences via Distance Learning from Mississippi State University. Workshop presented at the Midwestern Regional Meeting of the NSTA, Minneapolis, MN
- 16 **Sherman-Morris, K., A. Schumacher, S. Drobot and K. McNeal.** (2009), Business owners, animal lovers, Gulf Coast residents: A look at the complex role of pet care professionals in Hurricanes Gustav and Ike. Paper presented at the 104th annual meeting of AAG, Las Vegas, NV
- 15 **Sherman-Morris, K., J. Morris** (2008), Using Geospatial Technology in the Classroom and in the Field. Paper presented at the Western Regional Meeting of the NSTA, Portland, OR (Peer-reviewed)
- 14 **Sherman-Morris, K.** (2008), Master of Science in Geosciences via Distance Learning from Mississippi State University. Workshop presented at the Western Regional Meeting of the NSTA, Portland, OR
- 13 **Sherman-Morris, K.** (2008), Master of Science in Geosciences via Distance Learning from Mississippi State University. Workshop presented at the Eastern Regional Meeting of the NSTA, Charlotte, NC
- 12 **Sherman-Morris, K., A. Schumacher and R. Jennings** (2008), 'Paws' and Click: Web-based Disaster Preparedness Information for Pets. Paper presented at the 104th annual meeting of AAG, Boston, MA
- 11 McNeal, K. J. Rodgers, M. Brown, **K. Sherman-Morris** (2008), The Use of Technologies to Foster Online Learning Communities in the Geosciences. Paper presented at 57th Annual Meeting of Southeastern Region of Geological Society of America, Charlotte, NC
- 10 **Sherman-Morris, K., J. Morris** (2007), Discovering Vegetation Patterns in the Owens Valley: Teaching Teachers with Geospatial Technology. Poster presented at the 62nd Annual Meeting of Southeastern Division of the AAG, Charleston, SC (Peer-reviewed)
- 9 **Sherman-Morris, K.** (2007), Hurricane Fatigue, A Media Myth? Paper presented at the 103rd annual meeting of AAG, San Francisco, CA
- 8 **Sherman-Morris, K.** (2006), Tornadoes, Television and Trust; Severe Weather Perception in the Memphis, TN TV Market. Paper presented at the 102nd annual meeting of AAG, Chicago, IL
- 7 **Sherman-Morris, K.** (2005), Local News, Local Coverage? Poster presented at 101st annual meeting of AAG, Denver, CO
- 6 **Sherman-Morris, K.** (2002), Panel discussant at 98th annual meeting of AAG, Los Angeles, CA
- 5 Steinberg, P., **K. Sherman**, A. Walter (2001), Your Place or Mine? Fusing Regional and Thematic Geography Through Web-based Collaborative Learning. Paper presented at International Symposium on Geographic Education: Theory, Research, and Practice. San Marcos, TX
- 4 **Sherman, K.** (2001), The Influence of Color-Enhanced Satellite Images on Hurricane Threat Perception. Paper presented at 97th annual meeting of AAG, New York, NY
- 3 **Sherman, K.** (2000), Tropical-Cyclone Induced Fatalities. Poster presented at 96th annual meeting of AAG, Pittsburgh, PA

- 2 **Sherman, K.** (1999), *Perceptions of El Niño: A Regional Study*. Paper presented at 95th annual meeting of AAG, Honolulu, HI
- 1 **Sherman, K.** (1998), *Perceptions of El Niño: The Effect of Media on Public Perception*. Paper Presented at Meeting of Southeastern Division of the AAG, Memphis TN (Peer-reviewed)

TEACHING EXPERIENCE

Mississippi State University

Courses developed (including course proposal process) and taught:

GR 8813 Advanced Hazards and Disasters (on-campus and distance education)
GR 8833 Weather and Society (on-campus and distance education)
GR 8191 Geoscience Review (distance education)

Courses taught:

GR 4613 Applied Climatology (distance education)
GG 8913 Geoscience Research, Readings and Techniques (on-campus)
GR 8573 Research in Applied Meteorology (distance education)
GR 8553 Research Methods (on-campus and distance education)
GR 8400 Local Field Methods (distance education)
GR 8123 Meteorology II (distance education)
GR 6603 Climatology (distance education)
GR 4633 Statistical Climatology (distance education)
GR 4/6502 Practicum in Broadcast Meteorology I, (on-campus)
GR 4/6522 Practicum in Broadcast Meteorology III, (on-campus)
GR 4/6502, 4/6512, 4/6522, 4/6532 Practicum in Broadcast Meteorology Labs I, II, III and IV (on-campus)
GR 1123 World Regional Geography (on-campus)

Courses co-taught:

GR 8400 Field Methods in Geosciences (Central Arizona and the Grand Canyon, Outer Banks of North Carolina, San Salvador Island Bahamas, Mammoth Cave, Yellowstone and Grand Teton, Eastern Sierra, and Western Washington State)

Courses developed (as consultant):

GR 4923 Severe Weather

Courses assisted (as teaching assistant):

GR 1603 Introduction to Meteorology (distance education)
GR 4913 Thermodynamic Meteorology (distance education)

Florida State University

Courses taught (as teaching assistant):

Spatial Data Analysis (on-campus)
Physical Geography (on-campus)
Global Change, Local Places (distance education)

Mansfield University

Course assisted (as teaching assistant):

English Composition

Student Teaching Experience

Wellsboro Middle School, Mansfield High School

Courses taught included Civics, Pennsylvania History, United States History and Political Science

STUDENT RESEARCH SUPERVISED

Theses/Dissertations Supervised:

Stephen Wooten	(Dissertation, Ph.D. expected May 2025)
Kristina Balentine	(M.S., thesis expected May, 2024)
Taylor Pechacek	(M.S. Thesis, expected May 2024)
Craig Croskery	(Ph.D. 2023) Protecting the Vulnerable: Tornado Sheltering and Communication of Public Shelters With a Case Study from the COVID-19 Pandemic
Stephen Wooten	(M.S., 2022) Against the clock: uncovering diurnal time interval decision differences during tornado warnings for Lower Mississippi Valley residents
Asger Ali	(Ph.D. 2022) A Multi-Method Exploration of Health Disparities and COVID-19 Incidence and Mortality in the United States
Cole Vaughn	(Ph.D. 2022) From the sky to the smartphone: Communicating weather information in a digital age
Jacob Dickey	(M.S., 2020) Evaluating various socio-economic factors and their effect on tornado knowledge in Mississippi and Alabama
Christopher Nunley	(Ph.D. 2019) An evaluation of self-perceived & assessed weather knowledge, and weather consumption of 18-24 year olds
Craig Croskery	(M.S. 2018) A daily vulnerability in America: Tornadoes on our highways with a focus on controlled access highways
Christa Haney	(Ph.D. 2017) Winter weather hazards: Risks and vulnerability associated with snow removal
Sarah Radencic	(Ph.D. 2016) Utilization of outdoor resources to enhance understanding of geosciences
Idamis Del Valle Martinez	(M.S. 2014) Risk perceptions of hurricane track forecasts
Bryce Touchstone	(M.S. 2013) An Assessment of Human Vulnerability to Extreme Cold in the Zeravshan Region of Tajikistan
Keith Leech	(M.S. 2013) Snowfall, tornadoes, and teleconnections: A correlational study of weather patterns in the southeastern US
Amanda Lea	(M.S. 2012) Effects of television weather broadcaster on viewers during severe weather: To be or not to be on screen
Victoria Shaw	(M.S. 2009) A PBS Mind In An MTV World: Science Education Through Music Television

Thesis/Dissertation Committee Member:

Zia Ahmed (Ph.D. expected May 2024)

Destiney Crockett (Ph.D. expected December 2023)
 Sweta Tiwari (Ph.D. 2020)
 Mustafa Monk (M.S. 2020)
 Michelle Lewis (M.S. 2019)
 Christopher Elcik (Ph.D. 2019)
 Claire Babineaux (Ph.D. 2018)
 Matthew Reagan (Ph.D. inactive)
 Kit Posadas (Ph.D. inactive)
 Barrett Gutter (Ph.D. 2017)
 Melissa Phillips (Ph.D Kent State University, May, 2016)
 Sara Dillon Smith (M.S. 2017)
 Caiping Wei (M.S. 2014)
 Jessica Van Meter (M.S. 2013)
 Laura Radford (M.S., University of Alabama, 2012)
 Bailey Lipscomb (M.S. 2011)
 Patrick Threatt (M.S. 2008)
 James Burt (M.S. 2007)

Applied Meteorology Distance Education Program M.S. Capstone Projects Supervised:

Sydney Brahmavar	(M.S. 2016) Climate Literacy and Public Policy in Oregon
Alexandra Cranford	(M.S. 2016) A study of broadcast meteorologists' educations, positions and sexes NOTE: Published as: Cranford, A. (2018). Women weathercasters: their positions, education and presence in local TV. <i>Bulletin of the American Meteorological Society</i> , 99: 281-288
Molly Cochran	(M.S. 2016) College Students Understanding of Weather Broadcasts During Severe Weather Outbreaks
Rob Gardner	(M.S. 2016) How People Perceive and Respond to Severe Weather Alerts in the United States: Tornado-Prone versus Non-Tornado-Prone Areas
Sherilyn Graham	(M.S. 2016) Forecast Uncertainty for the Private Sector Clientele: The Highlights
Matthew DeLucia	(M.S. 2016) A Preliminary Look at the Reception and Comprehension of National Weather Service Issued Alerts Among New Jersey Residents
Matthew East	(M.S. 2016) Perception of Severe Weather Threats amongst the North Carolina Public
Matthew Simpson	(M.S. 2016) Assessment of Natural Hazard Risks Affecting Mercer County Illinois (TIG Student who completed AMP capstone project)
Bryan Bennett	(M.S. 2015) Development and propagation of convective storms along mesoscale air mass convergence boundaries in the Tampa Bay area
Kari Bowen	(M.S. 2015) Benefits of Social Media in Communicating Weather Information during Hurricane/Post Tropical Storm Sandy and the Colorado Floods
Andrew Deemer	(M.S. 2015) Surface Temperatures of the City of Surprise Dog Park
Dianna Dollar	(M.S. 2015) How Weather Information is Shared on Social Media: A Comparison of Age Groups
Stacy Ludington	(M.S. 2015) Weather Apps and Student Understanding of Weather Concepts and Misconceptions
John Nodar	(M.S. 2015) Shelter of Last Resort: Tornado Safety for Residents of Manufactured Homes

Lauren Olesky	(M.S. 2015) El Niño Strength and Temperature Stray Relation
Laura Velasquez	(M.S. 2015) Outdoor Warnings Siren Usage: A Comparison between Big and Small Cities
Melissa Weiss	(M.S. 2015) Up, Up and Away: Favorable Flying Weather for Hot Air Balloons
Christina McGehee	(M.S. 2015) River and Temperature Forecasts: Comparison of Public Familiarity and Confidence
Morgan Burns	(M.S. 2014) Lightning Fatalities in Florida
Stephanie Roose	(M.S. 2014) Shelter-Seeking Behavior of Impacted and Non-Impacted Persons Following the May 31st, 2013 EF-3 Tornado in El Reno, OK
Jonathan Gerhart	(M.S. 2014) Perceived Destructive Weather Threat of Animated Doppler radar Imagery
Heather Roberts	(M.S. 2013) Tornado Warning Systems
Matthew Dixon	(M.S. 2013) Analysis of the Sources and Application of Weather Information in an Agriculturally Diversified and Technologically Advanced Society
Jordan White	M.S. 2013) Local Perceptions on Global Warming in Elizabethtown, North Carolina
Jason Floyd	(M.S. 2013) The Public's Perception of Hail Size
Tina Stott	(M.S. 2013) Tinker AFB Warning System
Rich Johnson	(M.S. 2013) Public Confusion over Weather Sirens in Cobb County, Georgia
Mark Ivins	(M.S. 2012) Insights Regarding the Low Participation Rate of Texas Counties in the National Weather Service's Storm Ready Program
Daniel Bonds	(M.S. 2012) Tornado Safety in SC Mobile Home Parks

Undergraduate Research Projects:

Taylor Graham	(B.S. 2016) Monitoring Severe Weather Outbreaks with Anxiety, Summer Honors College Research Award
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NON-THESIS GRADUATE STUDENTS (*Comprehensive Exam Only*)

Committees Chaired:

On Campus (5)

Scott Sincoff (M.S., 2016)
Ken Meehan (M.S., 2009)
Ryan Stinnett (M.S., 2011)
Emily McKinney (M.S., 2011)
Phillip Jackson (M.S. 2012)

Teachers in Geosciences Distance Education Program (67)

Julia Dzikowski (M.S. 2016)	Staci Danko (M.S. 2009)
Valerie Hoyos (M.S. 2016)	Steve Coates (M.S. 2009)
Stephanie Sarmiento (M.S. 2016)	Beth Jones (M.S. 2009)
Matthew Zynda (M.S. 2016)	Bob Connery (M.S. 2009)
Christopher Pires (M.S. 2016)	Margaret Doerr (M.S. 2008)
Jennifer Amburg (Jeni) (M.S. 2015)	Joe Belcher (M.S. 2008)
Audrey Buckley (M.S. 2015)	Dan Stoll (M.S. 2008)
Frank Buschermann (M.S. 2015)	Heather Bessman (M.S. 2008)
Angela Heath (M.S. 2015)	Larry Simonis (M.S. 2008)

Carol Matheny (M.S. 2015)
Diane Paskowski (M.S. 2015)
Renee Sherfy (M.S. 2015)
Yelena Silverman (M.S. 2015)
Lina M Tabury (M.S. 2015)
Ashley Ventrella (M.S. 2015)
Matt Donato (M.S. 2012)
Maryalice Kaminski (M.S. 2011)
Adam Fiore (M.S. 2011)
Jim Boomgarden (M.S. 2011)
Josey Allen (M.S. 2011)
Ronald Beaty (M.S. 2011)
Melissa Bell (M.S. 2011)
Renae Fischer (M.S. 2011)
John Gamble (M.S. 2011)
Scott Osborne (M.S. 2011)
Paul Steiner (M.S. 2011)
Kayci Stripling (M.S. 2011)
David Tucker (M.S. 2011)
Jennifer Muir (M.S. 2009)
Shawn Chesser (M.S. 2009)
Chelsea Arnold (M.S. 2009)
Stephen Dilks (M.S. 2009)
Dawn Shults (M.S. 2009)
Erica Waggoner (M.S. 2009)

Tobin Hahn (M.S. 2008)
John Cullen (M.S. 2008)
Jamie Stanton (M.S. 2008)
Brian Pederson (M.S. 2008)
Mike Burton (M.S. 2008)
Donna Bastian (M.S. 2008)
Scott Barger (M.S. 2008)
Vicki Seal (M.S. 2008)
Kali Baird (M.S. 2007)
Paul Barnes (M.S. 2007)
Chesshuwa Beckett (M.S. 2007)
Shane Crone (M.S. 2007)
Judy Gist (M.S. 2007)
Juan Gonzalez (M.S. 2007)
Lou Hitter (M.S. 2007)
Matt LeDuc (M.S. 2007)
Tim Martin (M.S. 2007)
Lois Maxwell (M.S. 2007)
Jennifer Moore (M.S. 2007)
Cheryl Niemela (M.S. 2007)
Patrick Oreilly (M.S. 2007)
Matt Wermich (M.S. 2007)
Sharon Whiting (M.S. 2007)
Erin Widener (M.S. 2007)

Applied Meteorology Distance Education Program (26)

David Anderson (M.S. 2018)
Christina Carroll (M.S. 2018)
Thomas Geboy (M.S. 2018)
Brittany Merlau (M.S. 2018)
Kaitlin O'Shee (M.S. 2018)
Christopher Provence (M.S. 2018)
Craig Ziobert (M.S. 2018)
Jane Davis (M.S. 2017)
Edmund Gary Daugherty (M.S. 2017)
Brittany Van Voorhees (M.S. 2017)
Heather Thiel-Goin (M.S. 2018, expected)
Lakin Castillo (M.S. 2017)
Jacob Dunne (M.S. 2017)
Tony Sadiku (M.S. 2017)
Christa Zaiser (M.S. 2017)

Kyle Lyons (M.S. 2014)
Darren Devido (M.S. 2014)
Theodore R. Pea Jr. (M.S. 2014)
Amanda Kamenitz (M.S. 2014)
Marisa Woloszyn (M.S. 2014)
Steven Gardner (M.S. 2014)
Shane Groth (M.S. 2014)
Nestor S Flecha-Diaz (M.S. 2014)
Garrett Lewis (M.S. 2014)
Larry Kees (M.S. 2014)
Michael Stark (M.S. 2014)

Non-Thesis Graduate Student Committees (Comprehensive Exam Only)

On-Campus (9 through 2018)
Teachers in Geosciences Distance Education Program (144 through 2019)
Applied Meteorology Distance Education Program (53 through 2019)
Environmental Geosciences Distance Education Program (8 through 2019)

SERVICE

American Meteorological Society:

Chair	Board on Societal Impacts	2018 - 2021
Program Chair (appointed)	Symposium on Societal Applications, Policy, Research and Practice	2015 - 2018
Judge	Student paper competition, Symposium on Societal Applications, Policy, Research and Practice	2015, 2016
Member (appointed)	Planning Committee, Symposium on Societal Applications, Policy, Research and Practice	2014 - 2018
Member (appointed)	Board on Societal Impacts	2013 - 2021
Mentor	Minority Industry Scholarship program	2009 - 2010

National Weather Association:

Member (ex officio)	National Weather Service Foundation	2023 -
President (elected)	President-elect, president and past president	2021 - 2023
Councilor/Director (elected)	One of twelve nationally elected councilors	2018 - 2023
Member (appointed)	Board on Broadcast Meteorology	2016 - 2020

Association of American Geographers:

Member and chair (elected)	Nominating committee	2021
Member (appointed)	Finance committee	2021 -
Member (appointed)	SEDAAG Endowment Committee	2020 -
Member (appointed)	Status of Women in Geography (7/1/19-6/30/22)	2019 - 2022
Secretary (elected)	Southeastern Division of Association of American Geographers	2014 - 2016
Member (appointed)	Association of American Geographers Enhancing Diversity Committee	2012 - 2014
State Representative (elected)	Southeastern Division of Association of American Geographers (for the state of Mississippi)	2010 - 2012
Academic Director (elected)	Environmental Perception and Behavioral Geography Specialty Group, (AAG)	2010 - 2012
President (elected)	Environmental Perception and Behavioral Geography Specialty Group, (AAG)	2008 - 2010
Vice President (elected)	Environmental Perception and Behavioral Geography Specialty Group, (AAG)	2006 - 2008
Academic Director (elected)	Environmental Perception and Behavioral Geography Specialty Group, (AAG)	2005 - 2006
Student Director (elected)	Environmental Perception and Behavioral Geography Specialty Group, (AAG)	2002 - 2003

Other Professional Service

Associate Editor	Southeastern Geographer	2020 -2021
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Associate Editor	Weather, Climate and Society	2019 -
Proposal reviewer	NOAA Joint Technology Transfer Initiative (JTTI) and Vortex SE National Science Foundation, Geography and Spatial Sciences Program, and Geosciences Program	
Manuscript reviewer	Bulletin of the AMS Disasters Frontiers in Communication Geography Journal Global Environmental Change International Journal of Biometeorology International Journal of Disaster Risk Reduction Journal of Contingencies and Crisis Management Journal of Flood Research Journal of Geoscience Education Journal of Operational Meteorology Journal of Risk Research Natural Hazards Natural Hazards Review PLOS 1 Science of the Total Environment Southeastern Geographer Springer Weather, Climate and Society Western Journal of Communication	
Advisory Council Member (appointed)	Mississippi Geographic Alliance	2016 - 2018
Chair, Advisory Panel	COMET	2018 - 2021
Member, Advisory Panel (appointed)	COMET, University Corporation for Atmospheric Research, Boulder, CO	2013 - 2021
Faculty Adviser	Gamma Theta Upsilon, Mu Eta Chapter	2011 - 2021
State Coordinator	Community Collaborative Rain, Hail and Snow (CoCoRaHS) Network	2008 - 2016
Mississippi State University:		
Member	Search committee for university registrar	2023 -
Member	Graduate Policy Committee	2022 -
Member	Open Educational Resources Task Force	2020 -
Member	Strategic Enrollment Planning Working Group	2021
Member	Center for Distance Education Advisory Council	2018 - 2020
Representative, Arts & Sciences	Robert Holland Faculty Senate	2015 - 2021
	Chair, Faculty Affairs Committee, RHFS	2018 - 2021
	RHFS Representative on UCCC	2017 - 2021
Judge	Undergraduate Research Symposium	2017, 2019

Member	Director of the Center for Distance Learning Search Committee	2015 - 2016
Member	UCCC (University Committee on Courses and Curricula)	2012 - 2015
Member	UCCC General Education Subcommittee	2014 - 2015
Judge	Graduate Student Research Symposium	2013 - 2014
Member	Mississippi Science and Engineering Fair (MSEF) Region V SRC/IRB Board	2010 - 2022
First Year Mentor	Mississippi State University (program discontinued in May, 2007)	2005 - 2007

College of Arts & Sciences:

Member	Associate Dean of Art & Sciences Search Committee	2013
Geosciences Representative	Arts & Sciences Faculty Senate	2012 - 2013
Member	Arts & Sciences Faculty Senate Diversity Subcommittee	2013

Department of Geosciences:

Member	Governance Document Committee (ad hoc)	2019 - 2020
Member	Geography Assistant Professor Search Committee	2018 - 2019
Member	Department Head Search Committee	2017- 2018
Chair	Centennial committee	2016 - 2017
Member	Geography Assistant Professor Search Committee	2015 - 2016, 2019 - 2020
Member	Clinical faculty GIS search committee	2016
Chair	Clinical faculty meteorology search committee	2016 - 2017
Member	Distance Learning Action Team	2015 - 2016
Member	Meteorology Assistant Professor Search Committee	2013 - 2014
Member	Department Head Search Committee	2013 - 2014
Member	Curriculum Committee	2013 - 2018
Member	Distance Learning Oversight Committee	2012 - 2019
Member	Challenges Committee	2012 - 2013
Member	Graduate Student Recruitment Committee	2012 - 2013
Member	PhD Committee	2010 - 2012
Member	5-year Review Committee	2010 - 2012
Member	Meteorology Instructor Search Committee	2005, 2007
Member	Broadcast Meteorology Instructor Search Committee	2006

Outreach:

Second Vice President	Starkville Multi-Culture Lion's Club	2012 - 2013
Secretary	Starkville Multi-Culture Lion's Club	2010 - 2012
Board member	Starkville Multi-Culture Lion's Club	2009 - 2010
Borderless Host	Holmes Cultural Diversity Center, Mississippi State University	2008
Member	Advisory Committee for East Mississippi Community College Virtual Weather College	2007

PROFESSIONAL AFFILIATIONS

Gamma Theta Upsilon, International Geographical Honor Society	2011 -
American Meteorological Society (AMS)	2009 -
International Communication Association (ICA)	2007 - 2008
Association of American Geographers (AAG), Lifetime member	1998 -
Southeast Division of AAG (SEDAAG)	1998 - 2001, 2004 -
National Weather Association (NWA), Lifetime member	1997 -