

Kathleen Sherman-Morris

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EDUCATION **Florida State University**, Tallahassee, FL (April, 2006). PhD in Geography. Doctoral Dissertation: *A Place for PSI: Finding a role for Parasocial Interaction in Hazards Research*
Mississippi State University, Mississippi State, MS (May, 1999). Master of Science in Geosciences. Concentration in Broadcast Meteorology. Masters Thesis: *Perceptions of El Niño: The Effect of Media on Public Perception*.
Mansfield University, Mansfield, PA (May, 1997). Bachelor of Science in Education, Social Studies. Concentration and minor in Geography.

ADMINISTRATIVE EXPERIENCE

Director, Geosciences Distance Learning Programs, Fall 2012-
These programs serve nearly 500 majors. Responsibilities include making schedules, determining course offerings, providing guidance on course substitution where needed, planning workshops, performing program assessment, recruiting students, overseeing all concentration-wide examinations, and other duties as necessary for the development and administration of the department's programs in Broadcast Meteorology, Operational Meteorology, Teachers in Geoscience, Applied Meteorology and the geoscience component of the GIS certificate program.

TEACHING EXPERIENCE

Associate Professor, Mississippi State University, Fall 2013 -

Assistant Professor, Mississippi State University, Spring 2007 – 2013

Instructor, Mississippi State University, Spring 2003-Fall 2006

Responsibilities have included teaching courses in support of the Teachers in Geosciences MS, the Broadcast Meteorology BS/Certificate, the Applied Meteorology MS, on campus MS in Geosciences and PhD in Earth and Atmospheric Science programs. Responsibilities also include conducting research, serving on graduate committees, coordinating the comprehensive exam for the TIG program, and advising students along with other departmental and university service. Courses taught included both distance learning and traditional classroom courses.

Courses taught include:

Research Methods
Local Field Methods
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)
Advanced Hazards and Disasters
Statistical Climatology
Geoscience Research, Readings and Techniques
Weather and Society
Research in Applied Meteorology
Meteorology II
Statistical Climatology
Climatology
Practicum in Broadcast Meteorology lectures I and III and labs I, II, III and IV

Teaching Assistant, Florida State University, Spring 2001-Fall 2002
Full teaching responsibilities included Spatial Data Analysis, Global Change Local Places and Physical Geography

Mentor, 2 + 2 Distance Learning Program, Florida State University, Fall 2000-Fall 2002. Responsibilities included interacting with distance learning students, grading papers, and assisting with course development.

Part time lecturer, Mississippi State University, Summer 1999. Full teaching responsibility for World Regional Geography.

Teaching Assistant (on-campus), Mississippi State University, Fall 1998-Spring 1999. Full teaching responsibilities for large lecture hall section of World Regional Geography and Physical Geography labs (two sections).

Teaching Assistant (distance learning), Mississippi State University, Fall 1997-Summer 1998. Responsibilities included grading homework exercises, holding office hours and answering student emails for Introduction to Meteorology and Thermodynamic Meteorology.

Peer Learning Assistant, Mansfield University, Summer 1997.
Responsibilities included acting as a teaching assistant for English Composition by grading papers, and holding meetings with students to improve their writing skills.

Student Teaching, Wellsboro Middle School and Mansfield High School, grades 8-12, Spring 1997. Classes taught included Civics, Pennsylvania History, United States History and Political Science.

PROFESSIONAL EXPERIENCE

Survey Interviewer, privately contracted by Hazards Management Group, Summer 2000 to conduct survey interviews with tourists along the Mississippi Gulf Coast.

Research Assistant, Florida State University, Fall 1999-Summer 2000.

Distance Learning Class Developer, Mississippi State University, Summer 1999. Responsibilities included developing assignments and exams for Severe Weather distance learning course.

Weathercaster, *WMSV, Mississippi Network, WLSM, WOBV*, and *CNN* local edition weather for *Northland Cable News*, Fall 1997-Summer 1998.

Resident Assistant, Mansfield University, Spring 1996-Spring 1997

Peer Tutor in Geography, Mansfield University, Spring 1995-Spring 1997.

PROFESSIONAL AFFILIATIONS

Member, **Gamma Theta Upsilon**, International Geographical Honor Society, 2011-

Member, **American Meteorological Society (AMS)**, 2009-

Member, **International Communication Association (ICA)**, 2007-2008

Member, **Association of American Geographers (AAG)**, 1998-

Member, **Southeast Division of AAG (SEDAAG)**, 1998-2001, 2004-

Member, **National Weather Association**, 1997-

PUBLICATIONS

Peer-reviewed

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

Touchstone*, R. B., and **Sherman-Morris, K.** (in review) Vulnerability to Prolonged Cold: A Case Study of the Zeravshan Valley of Tajikistan. Submitted to *Natural Hazards*

Sherman-Morris, K and Lea*, A. (revised and resubmitted) An exploratory study of the influence of severe weather radar coverage, submitted to *Journal of Operational Meteorology*.

Sherman-Morris, K. and McNeal, K (in review) Understanding Perceptions of the Geosciences among Minority and Non-Minority Undergraduate Students, submitted to *Journal of Geoscience Education*

Beriswell, J. E., P. Bracey, **K. Sherman-Morris**, K Huang, S. J. Lee. (forthcoming) Professional Development for Promoting 21st Century Skills and Common Core State Standards in Foreign Language and Social Studies Classrooms. *Tech Trends*.

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. Slykhuis & 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)

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.

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.

Sherman-Morris, K. (2013) The public response to hazardous weather events: 25 years of research. *Geography Compass* (invited) 7(10): 669-685.

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.

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

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.

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

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

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

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

Sherman-Morris, K. (2010) Tornado Warning Dissemination and Response at a University Campus. *Natural Hazards*. 52(3): 623-638

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

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

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.

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

Sherman-Morris, K. (2005) Enhancing threat: Using cartographic principles to explain differences in hurricane threat perception. *The Florida Geographer*. 36: 61-83

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

Non-peer reviewed

Gillham, D., **Sherman-Morris, K.** (2009) Professional development through effective distance learning. *The Earth Scientist* XXV(1): 10-13

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)

Encyclopedias/Book Chapters

Sherman-Morris, K. (2010) Disaster Preparedness (encyclopedia entry). *The Encyclopedia of Geography*. Sage Publications.

Sherman-Morris, K. (accepted, but unpublished). The Weathercaster—A friend with authority, in *Weather and Society Integrated Studies Compendium*, E. Gruntfest, J. Demuth and S. Drobot, eds.

Books

Sherman-Morris, K., C. L. Wax, and M. E. Brown. (2012) *Mississippi Weather and Climate*. Jackson, MS: University Press of Mississippi.

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.

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.

Reports

Sherman-Morris, K. Antonelli, K., Lea, A., Williams, C. (2012) *Effective Communication of Storm Surge Risk*, Prepared for NOAA, 36 pp.

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

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

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

Bell, B. and **Sherman-Morris, K.** (2011) *7th and 8th Grade Science Attitudes and Geoscience Career Knowledge*, Prepared for Starkville Academy, 23 pp

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

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

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

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

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

Sherman-Morris, K. (2008) *Preliminary Report: Campus Response to Severe Weather of January 10, 2008*. Prepared for the Mississippi State University Crisis Action Team.

AWARDS AND RECOGNITION

Faculty Leadership Program, Fred Tom Mitchell Class, 2015-16

Center for Teaching and Learning, funded by nSPARC, 2013, Mississippi State University. *Faculty Learning Community: How Learning Works*, **\$500**

State Pride Award, 2010 **\$2500**

Weather and Society Integrated Studies (WAS*IS) summer 2007 fellow at National Center for Atmospheric Research, Boulder, CO. Full expenses paid. **Approximately \$1500 value** (based on \$441 airfare, \$150 stipend, ~\$900 room and board).

GRANTS

(Co-PI): GAETI 2015: Integrating Global Academic Essentials: Common Core, 21st Century Skills, & Technology, Submitted to MS IHL, PI: Dr. Pam Bracey.

Co-PI's: Joanne Beriswill, Kun Huang, Sang Joon Lee, Angela Latham, **Kathleen Sherman-Morris**. January 2015-June 2016, **\$90,000**

Springfield, MO Integrated Warning Team Social Scientist, Southwest Missouri Emergency Support Organization. February, 2014 ~**\$900** travel grant

(Co-PI): Integrating Global Academic Essentials: Common Core, 21st Century Skills, & Technology, MS IHL, PI: Dr. Pam Bracey. **Co-PI's:** Joanne Beriswill, Connie Forde, Kun Huang, Sang Joon Lee, **Kathleen Sherman-Morris**. January 2014-June 2015, **\$90,000**

(PI) NOAA/NGI, Storm Surge Inundation Mapping, Subaward: Storm Surge Road Map, **PI: Kathleen Sherman-Morris**, February-September 2012, **\$10,963**

Academic excellence fund award, 2011-12 for travel to 2012 AAG: \$1500, \$1000 from Arts and Sciences and \$500 from ORED

(PI) Risk Perception Cross College Group, ORED, **PI: Kathleen Sherman-Morris**, Co-PIs: Kay Brocato, Daniel Carruth, Karen McNeal, Leslie Strawderman, Merrill Warkentin, **\$2000**

Academic excellence fund award, 2010-11 for travel to 2011 AAG: \$1000, \$500 from Arts and Sciences and \$500 from ORED

(PI) NSF GEO: Hazards TEAMS: Teacher Education & Activities for Minority Students in the Meteorological, Geologic and Hydrologic Hazards. TRACK 1, **PI: Kathleen Sherman-Morris**. Co-PIs: Michael Brown, Renee Clary, Jairo Diaz-Ramirez and Karen McNeal. **\$199788** 8/15/11-8/14/15. (MSU Award # 014466-001)

(PI) NSF GEO: Fueling the Geosciences Educational Pipeline: The development of a K-12 Network to Support Minority Participation, (NSF GEO-0939734) **Kathleen Sherman-Morris, PI**. Co-PIs: John Rodgers, Michael Brown, Karen McNeal and Jamie Dyer, **\$39828**, October 1, 2009-September 30, 2011. (MSU Award # 012314-001)

(Co-PI) NSF GEO: Diversity Enhancement of Geosciences through Research Experiences (DEGRE): Mentoring African Americans through Research and Professional Development (Track 1), (NSF GEO-0914576) Brenda Kirkland, PI. **Co PIs:** Giselle Thibaudeau, Francis Lynch, Karen McNeal and **Kathy Sherman-Morris**, **\$190100**, September 1, 2009-September 1, 2012. (MSU Award # 012050-001)

(Subcontract) Department of Homeland Security, Southeast Regional Research Initiative (SERRI), A Self-Assessment Tool for Measuring Geospatial Readiness. **Sub-contract, \$4000** Summer, 2009.

(Co-PI) NSF Small grant for exploratory research: Primary Meteorological Variables Influencing Hurricane Evacuation Decisions: A Case Study of Hurricane Gustav (NSF BCS-0852549) PI: David Brommer. **Co-PIs:** Jason Senkbeil, **Kathy Sherman-Morris**, Grady Dixon, Michael Brown. **\$5780** October 15, 2008- October 15, 2009.

(PI) Natural Hazards Center Quick Response Grant: Hazard Response and Preparedness of Pet Care Professionals/Utilization of Resources by Pet Care Professionals during a Natural Disaster, **Kathleen Sherman-Morris, PI**. Co-PI: Andrea Schumacher. **\$2600** December 1, 2007-December 1, 2008.

(PI) Mississippi State University: Shillig Teaching Improvement Grant: An Earful of Technology to Help Our Students Succeed. 2004; Kathleen Sherman-Morris, PI **\$2240**

Student travel grant, AAG, 1999; **\$200**

Student travel grant, SEDAAG 1999; **\$200**

PRESENTATIONS

April 2015, *Hazards-based outreach for teachers and middle school students*. Association of American Geographers, Athens, GA: (Peer-reviewed).

January, 5 2015, *Increasing Geoscience Understanding through a Hazards-Based Workshop for Science Teachers*. Kathleen Sherman-Morris, Co-Authors; R. Clary, M. E. Brown, and J. Diaz-Ramirez. 24th Symposium on Education, American Meteorological Society, Phoenix, AZ (Peer-reviewed).

January, 7 2015, *The influence of message and hazard characteristics on intended behavior in three weather and climate scenarios*. K. Sherman-Morris, Co-Authors; M. Warkentin, L. Strawderman, K. S. McNeal, P. Menard, and D. Carruth. 10th Symposium on Societal Applications: Policy, Research and Practice, American Meteorological Society, Phoenix, AZ. (Peer-reviewed).

November 23, 2014, Poster presented at the 67th annual meeting of the Southeastern Division of the Association of American Geographers, Athens, GA: *Hazards-based outreach for teachers and middle school students*. (Peer-reviewed).

February 25, 2014, Integrated Warning Team: Social Science Perspective, Springfield Missouri Integrated Warning Team Meeting. (Invited).

February 2, 2014, *Risk Perceptions of Hurricane Track Forecasts*. Idamis Del Valle Martinez, Co-Author: Kathleen Sherman-Morris. 13th Annual Student Conference, American Meteorological Society, Atlanta, GA. (Peer-reviewed).

February 3, 2014, *User Understanding of Hurricane Wind Potential Graphics*. Kathleen Sherman-Morris, and Co-Authors: K. Antonelli and C. Williams, Ninth Symposium on Policy and Socio-Economic Research. American Meteorological Society, Atlanta, GA. (Peer-reviewed).

February 3, 2014, *Hazards-based Outreach for Middle School Students*. Kathleen Sherman-Morris, and Co-Authors: J. Carroll, R. Clary, M. E. Brown, K. S. McNeal, and J. Diaz-Ramirez. 23rd Symposium on Education, American Meteorological Society, Atlanta, GA. (Peer-reviewed).

November 14, 2013, Panel Session Participant: *Global Warming - is it real? What if anything can we do?* Foster Ballroom, Colvard Student Union.

Spring 2013, *Evaluation of Storm Surge Mapping Options Using Lab Simulations and Surveys*, National Hurricane Conference, New Orleans, LA (Invited)

Spring 2013, *Communication of Hurricane Storm Surge Threat: A Mixed-Method Analysis*, 67th IHC/Tropical Cyclone Research Forum, K. Sherman-Morris (Invited).

Spring, 2013, *Communication of Hurricane Storm Surge Threat: A Mixed-Method Analysis*, 8th Symposium on Policy and Socio-economic Research. 93rd Annual meeting of the American Meteorological Society, Austin, TX. K. Sherman-Morris, Co-Authors: Karla Antonelli, Carrick C. Williams and Amanda Lea (Peer-reviewed)

Spring, 2013, Poster presented at the 21st Symposium on Education at the 93rd Annual meeting of the American Meteorological Society, Austin, TX. *A Hazards Approach to Increase Awareness and Perceived Relevance of the Geosciences: Preliminary Results from a Project Designed to Enhance Diversity*. Kathleen Sherman-Morris, Co-Authors: K. S. McNeal, J. Carroll, M. E. Brown, R. Clary, and J. Diaz-Ramirez (Peer-reviewed)

Fall, 2012, Poster presented at the 67th annual meeting of the Southeastern Division of the Association of American Geographers, Asheville, NC: *Effective Communication of Hurricane Storm Surge Threat*. K. Sherman-Morris, Co-Authors: Karla Antonelli, Amanda Lea, Carrick C. Williams (Peer-reviewed)

Fall, 2012, Workshop presented at the Eastern Regional Meeting of the NSTA, Atlanta, GA: *Master of Science in Geosciences via Distance Learning from Mississippi State University*.

Spring 2012, *Tornado Warning Confirmation and Response*, talk given at Footprints of Disaster, April 27, 2011, Tuscaloosa, AL. (invited)

Spring, 2012, Paper presented at the 106th annual meeting of AAG, New York, NY: *Warning Confirmation and Response in the 2011 Smithville, MS Tornado*. K. Sherman-Morris, Co-Authors M. Brown, K. Brown, B. Bell, P. Jackson.

Spring, 2012, Poster presented at the 21st Symposium on Education at the 92nd Annual meeting of the American Meteorological Society. *Minority Student Knowledge of and Interest in Geoscience Careers*. Kathleen Sherman-Morris, Mississippi State Univ., Mississippi State, MS; Co-Authors: B. Bell, M. Brown, J. Dyer, K. McNeal, and J. Rodgers (Peer reviewed)

Fall, 2011, Paper presented at the 66th annual meeting of the Southeastern Division of the Association of American Geographers, Savannah, GA: *Experiences of Smithville, MS Residents with the April 27 Tornado*. K. Sherman-Morris, Co-Authors M. Brown, K. Brown, B. Bell, P. Jackson. (Peer-reviewed)

Fall, 2011, Paper presented at the National Weather Association 36th Annual Meeting, Birmingham, Alabama: *The Residents of Smithville, MS: What Worked and*

What Didn't Work During an EF5 Tornado. Brown, M. E., Co-Authors K., Sherman-Morris, B., Bell, and K., Brown (Peer reviewed)

Fall, 2011. Paper presented at the National Weather Association 36th Annual Meeting, Birmingham, Alabama *The Role of the Broadcast Meteorologist During an EF5 Tornado as Described by the Residents of Smithville, MS*, Brown, M. E., Co-Authors K., Sherman-Morris, B., Bell, and K., Brown. (Invited Presentation).

Fall, 2011. Presented to the Southern Region of the National Weather Service via Go-To-Meeting, Memphis, TN. *The Warning System and the Role of the National Weather Service During an EF5 Tornado as Described by the Residents of Smithville, MS*, Brown, M. E., Co-Authors K., Sherman-Morris, B., Bell, and K., Brown (Invited Presentation)

Fall, 2011, Workshop presented at the Eastern Regional Meeting of the NSTA, Hartford, CT: *Master of Science in Geosciences via Distance Learning from Mississippi State University.*

Spring 2011, Presentation given at the 2011 National Hurricane Conference, Atlanta, GA: *Caring for Companion Animals in a Disaster: Preparedness and Response.* (Invited)

Spring 2011, Paper presented at the 105th annual meeting of AAG, Seattle, WA: *Teaching and Learning about Geoscience: A Survey of Mississippi Science Teachers.* Co-authors: M. Brown, J. Dyer, K McNeal, and J. Rodgers

Spring, 2011, Panel discussant at *Distance Learning (Campus 5) Course and Degree Proposals AOCE*, Mississippi State University

Fall 2010. Kirkland, B.; Thibaudeau, G.; McNeal, K.; Sherman-Morris, K.; Baghi-Riding, N.; Meek, C.; Dickerson, O.; Jennings, M.; Dutrow, B.; Schmitz, S.; Lawrence, A., "Human Resources for the Energy Workforce of the Future: Finding the Best Employees Requires Addressing Diversity Now" , bibl. American Association of Petroleum Geologists, Annual Meeting Abstracts, v. 18, (2010). *Conference Proceedings* Published (Peer-reviewed)

Fall 2010, Paper presented at the 65th annual meeting of the Southeastern Division of the Association of American Geographers, Birmingham, AL: *Using Google Search Data to Track Hurricane Interest.* Co-authors: J. Senkbeil, R. Carver (Peer-reviewed)

Fall, 2010, Workshop presented at the Central Regional Meeting of the NSTA, Kansas City, MO: *Master of Science in Geosciences via Distance Learning from Mississippi State University.*

Spring 2010, Paper presentation at the 104th annual meeting of AAG, Washington, DC: *A Self-Assessment Tool for Measuring Geospatial Readiness for Disaster Management*. Co-authors, B. Lipscomb, B. Cooke

Spring 2010, Poster presented at American Meteorological Society Annual Meeting, Atlanta, GA: *Who's Googling What? What Internet Searches Reveal about Hurricane Information Seeking*. Co-authors: J. Senkbeil, R. Cossman. (Peer-reviewed)

Fall, 2009, Presentation at American Geophysical Union, San Francisco, CA *Mississippi State University's Geoscience Education and Geocognition Research Program in the Department of Geosciences*. Presented by Karen McNeal. Co-Authors: Renee Clary, Kathleen Sherman-Morris, Brenda Kirkland, Doug Gillham and Amy Moe-Hoffman (Peer Reviewed)

Fall, 2009, Paper presented at 64 Meeting of Southeastern Division of the Association of American Geographers, Knoxville, TN: *Methods of Assessing the Perceived Threat Location of Hurricane Evacuees*. Presented by J.C. Senkbeil. Co-Authors: D. M. Brommer, P.G. Dixon, M.E. Dixon, K. Sherman-Morris (Peer Reviewed)

Fall, 2009, Workshop presented at the Eastern Regional Meeting of the NSTA, Ft. Lauderdale, FL: *Teaching Earth Science with Google Earth*. Co-presented with John Morris. (Peer-reviewed)

Fall, 2009, Workshop presented at the Eastern Regional Meeting of the NSTA, Ft. Lauderdale, FL: *Master of Science in Geosciences via Distance Learning from Mississippi State University*.

Fall, 2009, Workshop presented at the Midwestern Regional Meeting of the NSTA, Minneapolis, MN: *Teaching Earth Science with Google Earth*. Co-presented with John Morris. (Peer- Reviewed)

Fall 2009, Workshop presented at the Midwestern Regional Meeting of the NSTA, Minneapolis, MN: *Master of Science in Geosciences via Distance Learning from Mississippi State University*.

Summer, 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)

Summer, 2009, Mississippi Weather and Climate, presented to Mississippi Geographic Alliance Summer Institute, Mississippi State, MS. (Invited)

Spring, 2009, Paper presentation at the 104th annual meeting of AAG, Las Vegas, NV: *Business owners, animal lovers, Gulf Coast residents: A look at the complex role of pet care professionals in Hurricanes Gustav and Ike*. Co-Authors: Andrea Schumacher, Sheldon Drobot and Karen McNeal.

Spring, 2009. Panel Discussant following *Katrina: Mississippi Women Remember*, presented by Campus Activities Board, Mississippi State University. (Invited)

Fall 2008, Paper presented at the Western Regional Meeting of the NSTA, Portland, OR: *Using Geospatial Technology in the Classroom and in the Field*. Co-presented with John Morris (peer-reviewed)

Fall 2008, Workshop presented at the Western Regional Meeting of the NSTA, Portland, OR: *Master of Science in Geosciences via Distance Learning from Mississippi State University*.

Fall 2008, Workshop presented at the Eastern Regional Meeting of the NSTA, Charlotte, NC: *Master of Science in Geosciences via Distance Learning from Mississippi State University*.

Spring, 2008, Paper presentation at the 104th annual meeting of AAG, Boston, MA: *'Paws' and Click: Web-based Disaster Preparedness Information for Pets*. Co-Authors: Andrea Schumacher and Rebecca Jennings.

Spring, 2008, Paper presentation at 57th Annual Meeting of Southeastern Region of Geological Society of America, ?, NC: *The Use of Technologies to Foster Online Learning Communities in the Geosciences*. Presented by Karen McNeal. Co-authors: John Rodgers, Mike Brown.

Fall 2007, Paper presentation at 62nd Annual Meeting of Southeastern Division of the Association of American Geographers, Charleston, SC: *Discovering Vegetation Patterns in the Owens Valley: Teaching Teachers with Geospatial Technology*. Co-presented with John Morris (peer-reviewed)

Spring 2007, Paper presentation at the 103rd annual meeting of AAG, San Francisco, CA: *Hurricane Fatigue, A Media Myth?*

Spring 2006, Paper presentation at the 102nd annual meeting of AAG, Chicago, IL: *Tornadoes, Television and Trust; Severe Weather Perception in the Memphis, TN TV Market*.

Spring 2005, Poster Presentation at 101st annual meeting of AAG, Denver, CO: *Local News, Local Coverage?*

Spring 2002, Panel discussant at 98th annual meeting of AAG, Los Angeles, CA

Summer 2001, Paper presentation at International Symposium on Geographic Education: Theory, Research, and Practice. San Marcos, TX; *Your Place or Mine? Fusing Regional and Thematic Geography Through Web-based Collaborative Learning*. Co-presented with Phil Steinberg and Andy Walter.

Spring 2001, Paper presentation at 97th annual meeting of AAG, New York, NY; *The Influence of Color-Enhanced Satellite Images on Hurricane Threat Perception.*

Spring 2000, Poster presentation at 96th annual meeting of AAG, Pittsburgh, PA; *Tropical-Cyclone Induced Fatalities.*

Spring 1999, Paper presentation at 95th annual meeting of AAG, Honolulu, HI; *Perceptions of El Niño: A Regional Study.*

Fall, 1998, Paper Presentation at SEDAAG, Memphis TN: *Perceptions of El Niño: The Effect of Media on Public Perception.*

GRADUATE STUDENTS:

Thesis/Dissertation Students:

Christa Haney

Holly Lussenden

Nick Marusiak

Sarah Radencic

Patrick Threatt

Idamis Del Valle Martinez (M.S. 2014)

Bryce Touchstone (M.S. 2013)

Amanda Lea (M.S. 2012)

Keith Leech (M.S. 2012)

Victoria Shaw (M.S. 2009)

SERVICE

Reviewer: Journal of Geoscience Education, Natural Hazards Review, Weather, Climate and Society, Journal of Risk Research, Bulletin of the AMS, International Journal of Biometeorology, Natural Hazards, Journal of Meteorology, Southeastern Geographer, Geography Journal, Global Environmental Change, Disasters

Judge, Student paper competition, Symposium on Societal Applications, Policy, Research and Practice 2015-

Chair, Symposium on Societal Applications, Policy, Research and Practice Symposium, Planning Committee (American Meteorological Society), 2015-

Secretary, Southeastern Division of Association of American Geographers, November 2014- November 2016

Member, Symposium on Societal Applications, Policy, Research and Practice Planning Committee (American Meteorological Society), 2014-15

Member, UCCC General Education committee, 2014-15

Member, Geosciences Department Head Search Committee, 2013-14

Member, Meteorology Assistant Professor Search Committee, 2013-14, 2014-15

Board Member, American Meteorological Society Board on Societal Impacts, 2013-

Member, Associate Dean of Art & Sciences Search Committee, 2013
Member, COMET Advisory Board, University Corporation for Atmospheric Research, Boulder, CO, 2013-
Member, Department of Geosciences, Curriculum Committee, 2013-
Member, UCCC (University Committee on Courses and Curricula), 2012-2015
Member, Department of Geosciences, Challenges Committee, 2012-13
Member, Department of Geosciences, Graduate Student Recruitment Committee, 2012-13
Geosciences Representative: Arts & Sciences Faculty Senate, January 2012 – December 2013, Diversity Sub-committee
Second Vice President: Starkville Multi-Culture Lion's Club, 2012-2013
Evaluator: Mississippi State International Teaching Assistant workshop, 2011-2014
Member, Association of American Geographers Enhancing Diversity Committee, appointed
Faculty Adviser: Gamma Theta Upsilon, Mu Eta Chapter, 2011-
State Representative: Mississippi, for Southeastern Division of Association of American Geographers, November 2010- November 2012
Academic Director for Environmental Perception and Behavioral Geography Specialty Group, (AAG), 2010-2012
Member, Department of Geosciences PhD Committee, 2010-
Member, Mississippi Science and Engineering Fair (MSEF) Region V SRC/IRB Board, 2010-
Secretary: Starkville Multi-Culture Lion's Club, 2010-2012
Member, Department of Geosciences 5-year Review Committee, 2010-2012
Board Member: Starkville Multi-Culture Lion's Club, 2009-2010
Mentor: American Meteorological Society Minority Industry Scholarship program, 2009-
State Coordinator for the Community Collaborative Rain, Hail and Snow (CoCoRaHS) Network, 2008-
President for Environmental Perception and Behavioral Geography Specialty Group, (AAG), 2008-2010
Borderless Host, Mississippi State University, fall 2008.
Member, Meteorology Instructor Search Committee, 2007
Co-Session chair for Media, Hazards and Perception session at 103rd AAG annual meeting, San Francisco, CA. 2007
Member, Advisory Committee for East Mississippi Community College Virtual Weather College, 2007
Vice President for Environmental Perception and Behavioral Geography Specialty Group, (AAG), 2006 - 2008
Member, Broadcast Meteorology Instructor Search Committee, 2006
Academic Director for Environmental Perception and Behavioral Geography Specialty Group, (AAG), 2005 - 2006
First year mentor (Mississippi State University), 2005 - 2007 (program discontinued in May, 2007)
Member, Meteorology Instructor Search Committee, 2005

Session Chair, 4th Annual Southeast Severe Storms Symposium, Mississippi State, MS. 2005.

Student Director for Environmental Perception and Behavioral Geography Specialty Group, (AAG), 2002-2003