

Nicholas S. Grondin

Climatologist and physical geographer with a passion for undergraduate instruction and research interests in hazards climatology, tropical cyclones, and applied meteorology and climatology.

Education

- May 2023** **The University of Tennessee, Knoxville; Knoxville, TN**
Ph.D. Geography
Dissertation Title: Climatological Analysis of Tropical Cyclone Occurrence Dates and Landfall Characteristics in the North Atlantic and Eastern North Pacific. Committee: Drs. Kelsey Ellis (Chair), Dimitris Herrera, Sally Horn, and Dorian Burnette (University of Memphis).
- May 2019** **Louisiana State University; Baton Rouge, LA**
M.S. Geography, Concentration in Climatology
Thesis: Climatology, Variability, and Return Periods of Tropical Cyclone Strikes in the Northeastern and Central Pacific Basins. Committee: Drs. Barry Keim (Chair), Alan Black, and Jill Trepanier.
- Dec. 2016** **University of South Alabama; Mobile, AL**
B.S. Meteorology, Minors: Mathematics and Geography
Magna Cum Laude & University Honors Program
Honor's Thesis: Comparing Temperature Data from USA Mesonet Stations, Cooperative Observer (COOP) Stations, and Automatic Surface Observing System Stations across the Northern Gulf Coast. Committee: Drs. Sytske Kimball (Chair), Steven Schultze, Wesley Terwey, and Michael Doran.

Academic Appointments

- 08/2023–present** **Assistant Professor of Environmental Studies**
Department of Environmental Studies, University of Tampa
- 08/2022–12/2022** **First Year Studies Instructor**
First Year Programs, The University of Tennessee, Knoxville
- 08/2019–05/2023** **Graduate Teaching Assistant or Associate**
Department of Geography and Sustainability, The University of Tennessee, Knoxville
- 09/2020–12/2020** **Canvas Producer Assisting with Online Instruction**
College of Arts and Sciences, The University of Tennessee, Knoxville
- 08/2017–06/2019** **Graduate Assistant**
Department of Geography and Anthropology, Louisiana State University
- 08/2016–12/2016** **Undergraduate Teacher's Assistant**
Department of Earth Sciences, University of South Alabama

Other Research and Professional Experience

- 05/2021–09/2021** **Research Assistant**
Department of Geography, The University of Tennessee, Knoxville
- 10/2018–11/2018** **Advanced Study Institute- Field Studies of Convection in Argentina**
RELAMPAGO Field Campaign, Fall 2018

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| 05/2016–08/2016 | Southbound Orientation Leader Office of Enrollment Services, University of South Alabama |
| 08/2015–05/2017 | Student Worker and Office Manager South Alabama Mesonet, Department of Earth Sciences, University of South Alabama |
| 08/2015–05/2016 | Student Meteorologist <i>The Vanguard</i> , University of South Alabama |
| 08/2015–05/2017 | Math and Physics Tutor Department of Earth Sciences, University of South Alabama |
| 05/2015–07/2015 | Hollings Scholar Intern NOAA National Weather Service Weather Forecast Office Twin Cities/Chanhassen, MN |
| 01/2015–05/2015 | Weather and News Intern WKRK-TV, Mobile, AL |
| 09/2014–12/2015 | Student Meteorologist AtmosCenter, Department of Earth Sciences, University of South Alabama |
| 08/2014–05/2015 | Volunteer Research Student Department of Earth Sciences, University of South Alabama |
| 09/2012–12/2014 | Communication Center Worker Office of New Student Recruitment, University of South Alabama |

Publications

Peer Reviewed (5)

- 2023** Ellis, K., J. First, S. Strader, **N.S. Grondin**, D. Burow, and Z. Medley. The Climatology, Vulnerability, and Public Perceptions Associated with Overlapping Tornado and Flash Flood Warnings in a Portion of the Southeast United States, *Weather, Climate, and Society*, in review.
- Burow, D., A.M. Cannistraci, S.A. Collins-Key, H. Davis, W. Goldman, **N.S. Grondin**, D. Maguire, and K.N. Ellis: Weather Trends and Residence Time and their Relation to Local Climate Change Concerns in Knoxville, Tennessee, *Geographical Review*, in press, <https://doi.org/10.1080/00167428.2023.2239879>.
- 2021** **Grondin, N.S.**, and K.N. Ellis: Tropical Cyclone Occurrence Dates in the North Atlantic and Eastern North Pacific Basins: Climatology, Trends, and Correlations with Overall Seasonal Activity. *Theoretical and Applied Climatology*, **146**, 311–329, <https://doi.org/10.1007/s00704-021-03734-6>.
- Grondin, N.S.**, and B.D. Keim: Spatial and Temporal Characteristics of Tropical Cyclone Strikes in the Northeastern Pacific Basin between San Diego, California and Las Peñitas, Nicaragua. *International Journal of Climatology*, **41**, E2178–E2193, <https://doi.org/10.1002/joc.6838>.
- 2019** Black, A.W., J.A. Knox, J.A. Rackley, and **N.S. Grondin**: Tornado Debris from the 23 May 2017 "Tybee Tornado". *Bulletin of the American Meteorological Society*, **100**, 217–221, <https://doi.org/10.1175/BAMS-D-17-0176.1>.

Public Writing (1)

- 2023** Ellis, K.N., and **N.S. Grondin**: 2023 Hurricane Season Forecast: Get Ready for a Busy Pacific Storm Season, Quieter Atlantic Thanks to El Niño. *The Conversation (US)*. 25 May 2023.

Teaching Experience

As Instructor of Record

University of Tampa (Starting Fall 2023)

Environmental Studies 112: Environmental Science (enrollment 37)

Environmental Studies 495: Special Topics in Environmental Studies- Atmospheric Science (enrollment 10)

The University of Tennessee, Knoxville

First-Year Studies 101: The UT Experience (enrollment 23)

Geography 331: Natural Hazards (enrollment 15–45)

Geography 333: Climate Change and Human Response (enrollment 35–40)

Geography 334: Meteorology (enrollment 15)

As Teaching Assistant and/or Lab Instructor

The University of Tennessee, Knoxville

Geography 131: Weather, Climate, and Climate Change (enrollment 24–27)

Geography 334: Meteorology (enrollment 8)

University of South Alabama

Geography 101: Atmospheric Processes (enrollment 150)

Presentations (* indicates presenting author)

Conference Presentations (39)

2023 **Grondin, N.S.***, and K.N. Ellis: Trends in Intensity Change and Translation Speed of Landfalling North American Tropical Cyclones. *2nd Annual Southern Appalachia Weather and Climate Workshop*. Asheville, NC.

Ellis, K. N. *, J. First, S. Strader, **N. Grondin**, D. Burow, Z. Medley: The Climatology, Vulnerability, and Public Perceptions Associated with Overlapping Tornado and Flash Flood Warnings in a Portion of the Southeast. *2nd Annual Southern Appalachia Weather and Climate Workshop*. Asheville, NC.

Grondin, N.S.*, and K.N. Ellis: Trends in Intensity Change and Translation Speed of Landfalling North American Tropical Cyclones. *2023 Annual Meeting of the American Association of Geographers*. Denver, CO.

Grondin, N.S.*, and K.N. Ellis: A Climatology of Extreme Intensity Change of North Atlantic and Eastern North Pacific Tropical Cyclones Prior to Landfall. *4th Biennial UTK Geo Symposium*. Knoxville, TN.

Grondin, N.S.*, and K.N. Ellis: A Climatology of Extreme Intensity Change of North Atlantic and Eastern North Pacific Tropical Cyclones Prior to Landfall. *103rd Annual Meeting of the American Meteorological Society/Fifth Special Symposium on Tropical Meteorology and Tropical Cyclones*. Denver, CO. (poster)

2022 **Grondin, N.S.***, and K.N. Ellis: A Climatology of Extreme Intensity Change of North Atlantic and Eastern North Pacific Tropical Cyclones Prior to Landfall. *2022 Annual Meeting of the Southeastern Division of the American Association of Geographers*. Atlanta, GA.

Grondin, N.S.*, and K.N. Ellis: A Spatial Climatology of Tropical Cyclone Intensity Change at Landfall in the Eastern North Pacific Basin. *35th AMS Conference on Hurricanes and Tropical Meteorology*. New Orleans, LA. (poster)

Ellis, K.N., **N.S. Grondin***, D.A. Burow, A.M. Cannistraci, S. Collins-Key, H. Davis, W. Goldman, and D. Maguire: Relating Weather Trends and Residence time to Local Climate Change Concerns in Knoxville, Tennessee. *1st Annual Southern Appalachia Weather and Climate Workshop*. Asheville, NC.

- Medley, Z.* , K. Ellis, **N. Grondin**, and D. Burow: Summary Statistics for Simultaneous Tornado and Flash Flood (TORFF) Warnings to Analyze their General Behavior and Dynamics. *1st Annual Southern Appalachia Weather and Climate Workshop*. Asheville, NC. (poster)
- Ellis, K.* , J. First, S. Strader, **N. Grondin**, D. Burow, and Z. Medley: Overlapping Tornado and Flash Flood (TORFF) Warnings: Examining their Climatology and Residents' Perceptions in the Southeast. *2022 Annual Meeting of the American Association of Geographers*. Virtual.
- Grondin, N.S.***, and K.N. Ellis: Caribbean Sea Level Pressure Anomalies as a Predictor of the Timing of a Season's First and Second Hurricanes. *102nd Annual Meeting of the American Meteorological Society/26th Conference on Applied Climatology*. Virtual. (poster)
- Kimball, S.K.* , E. Rappin, D. Bourrie, T. Johsten, X. Yuan, D. Norris, G. Skinner, **N.S. Grondin**, N. Tzeng, and R. Day: A Temperature Quality Control Scheme for the South Alabama Mesonet. *102nd Annual Meeting of the American Meteorological Society/22nd Symposium on Meteorological Observation and Instrumentation*. Virtual.
- 2021** **Grondin, N.S.***, and K.N. Ellis: An Analysis of Tropical Cyclone Occurrence Dates in the Eastern North Pacific. *34th AMS Conference on Hurricanes and Tropical Meteorology*, Virtual. (rescheduled from 2020 due to COVID-19 Pandemic)
- Grondin, N.S.***, and K.N. Ellis: A Comparison of Tropical Cyclone Occurrence Dates between the North Atlantic and Eastern North Pacific Basins. *2021 Annual Meeting of the American Association of Geographers*. Virtual. (poster)
- Grondin, N.S.***, and K.N. Ellis: Trends in North Atlantic nth Tropical Cyclone Occurrence Dates from 1970 to 2019. *2021 UTK Department of Geography GeoSym*. Virtual.
- Ellis, K.N.* , D. Burow, A. Cannistraci, S. Collins-Key, H. Davis, W. Goldman, **N.S. Grondin**, D. Maguire, and L.R. Mason, Climate Change and Extreme Weather Trends: Is what you see what you believe? *2021 UTK Department of Geography GeoSym*. Virtual.
- 2020** **Grondin, N.S.***, and K.N. Ellis: A Climatology of Eastern North Pacific Tropical Cyclone Occurrence Dates. *2020 Annual Meeting of the Southeastern Division of the American Association of Geographers*. Virtual.
- Grondin, N.S.***, and B.D. Keim: The Influence of ENSO on Tropical Cyclone Impacts along the Pacific Coast of Mexico. *100th Annual Meeting of the American Meteorological Society/Tropical Cyclones Symposium*, Boston, MA. (poster)
- 2019** **Grondin, N.S.***, and B.D. Keim: An Analysis of Tropical Cyclones Impacting Isla Socorro, Mexico. *16th Annual Southeastern Coastal and Atmospheric Processes Symposium*, Mobile, AL.
- Grondin, N.S.***, and B.D. Keim: Spatial and Temporal Variability of Tropical Cyclone Strikes on the Mexican Riviera: 1966–2017. *99th Annual Meeting of the American Meteorological Society/Tropical Cyclones and Extreme Monsoon Precipitation: Prediction, Impacts, and Communication Symposium*, Phoenix, AZ. (poster)
- 2018** **Grondin, N.S.***, and B.D. Keim: Spatial and Temporal Characteristics of Tropical Cyclone Strikes along the Mexican Riviera. *2018 Annual Meeting of Southwestern Division of the American Association of Geographers*, Baton Rouge, LA.
- Grondin, N.S.***, J.C. Trepanier, and B.D. Keim: Influence of ENSO on Tropical Cyclone Tracks along the Mexican Riviera. *2018 Annual Meeting of the American Association of Geographers*, New Orleans, LA. (poster)

- Grondin, N.S.***, J.C. Trepanier, and B.D. Keim: Influence of ENSO on Tropical Cyclone Tracks along the Mexican Riviera. *15th Annual Southeastern Coastal and Atmospheric Processes Symposium*, Mobile, AL. (poster)
- Kimball, S.K.* , W.D. Terwey, S.R. Schultze, and **N.S. Grondin**: The South Alabama Mesonet- Impacts on the North-central Gulf Coast Community. *98th Annual Meeting of the American Meteorological Society/6th Symposium on the Weather, Water, and Climate Enterprise*, Austin, TX. (poster)
- 2017** **Grondin, N.S.***, S.K. Kimball, S.R. Schultze, and W.D. Terwey: Comparing Temperature Data from USA Mesonet Stations, Cooperative Observer Stations, and Automatic Surface Observing System Stations across the Northern Gulf Coast. *15th Annual Southeast Severe Storms Symposium*, Starkville, MS.
- Grondin, N.S.***, S.K. Kimball, S.R. Schultze, and W.D. Terwey: Comparing Temperature Data from USA Mesonet Stations, Cooperative Observer Stations, and Automatic Surface Observing System Stations across the Northern Gulf Coast. *14th Annual Southeastern Coastal and Atmospheric Processes Symposium*, Mobile, AL.
- Grondin, N.S.***, S.K. Kimball, S.R. Schultze, and W.D. Terwey: Comparing Temperature Data from USA Mesonet Stations, Cooperative Observer Stations, and Automatic Surface Observing System Stations across the Northern Gulf Coast. *97th Annual Meeting of the American Meteorological Society/Special Symposium on Meteorological Observations*, Seattle, WA.
- Grondin, N.S.***, and S.K. Kimball: Comparing Temperature Data from USA Mesonet Stations and Automatic Surface Observing System Stations along the Northern Gulf Coast. *97th Annual Meeting of the American Meteorological Society/16th Annual AMS Student Conference*, Seattle, WA. (poster)
- 2016** **Grondin, N.S.***, and S.K. Kimball: Comparing Temperature Data from USA Mesonet Stations and Automatic Surface Observing System Stations along the Northern Gulf Coast. *51st National Collegiate Honors Council Annual Conference*, Seattle, WA. (poster)
- Grondin, N.S.***, and C.L. Franks: StormReady in a Box: Enhancing NOAA's Presence in Schools. *51st National Collegiate Honors Council Annual Conference*, Seattle, WA. (poster)
- Grondin, N.S.***, and S.K. Kimball: Comparing Temperature Data from USA Mesonet Stations and Automatic Surface Observing System Stations across the Northern Gulf Coast. *41st Annual Meeting of the National Weather Association*, Norfolk, VA. (poster)
- Grondin, N.S.***, and C.L. Franks: StormReady in a Box: The New Way for Schools to be Storm Ready. *13th Annual Southeastern Coastal and Atmospheric Processes Symposium*, Mobile, AL.
- Grondin, N.S.***, and S.K. Kimball: Comparing Climatologies between an ASOS Station, COOP Site, and a USA Mesonet in Pascagoula, Mississippi. *13th Annual Coastal and Atmospheric Processes Symposium*, Mobile, AL. (poster)
- Grondin, N.S.***, and C.L. Franks: StormReady in a Box: Enhancing NOAA's Presence in Schools, *2016 American Association for the Advancement of Science Annual Meeting*, Washington, DC. (poster)
- Grondin, N.S.***, and S.K. Kimball: Comparing Climatologies between an ASOS Station, COOP Site, and a USA Mesonet in Pascagoula, Mississippi. *96th Annual Meeting of the American Meteorological Society/15th Annual AMS Student Conference*, New Orleans, LA. (poster)
- Grondin, N.S.***, and C.L. Franks: StormReady in a Box: Enhancing NOAA's Presence in Schools. *2015 American Geophysical Union Annual Meeting*, San Francisco, CA. (poster)
- 2015** **Grondin, N.S.***, and C.M. Shafer: Identifying and Ranking Severe Convective Weather Events. *50th National Collegiate Honors Council Annual Conference*, Chicago, IL. (poster)

Grondin, N.S.*, and C.L. Franks: StormReady in a Box: The New Way for Schools to Become StormReady. 2015 NOAA Student Science and Education Symposium, Silver Spring, MD.

Shafer, C.M., and **N.S. Grondin***: Identifying and Ranking Severe Convective Weather Events. *12th Annual Southeastern Coastal and Atmospheric Processes Symposium*, Mobile, AL. (poster)

Invited Lectures and Other Presentations (21)

2023 **Grondin, N.S.***, Tropical Weather. GEOG 334. The University of Tennessee, Knoxville. 26 April 2023.

Grondin, N.S.*, Urban Climates. GEOG 131. The University of Tennessee, Knoxville. 21 April 2023.

Grondin, N.S.*, Tropical (A) Climates. GEOG 131. The University of Tennessee, Knoxville. 12 April 2023.

Grondin, N.S.*, Tropical Cyclones. GEOG 131. The University of Tennessee, Knoxville. 31 March 2023.

2022 **Grondin, N.S.***, Hurricanes and Latin America. GEOG 101. The University of Tennessee, Knoxville. 3 December 2022.

Grondin, N.S.*, Mardi Gras: More than Beads and Bourbon Street. GEOG 361. The University of Tennessee, Knoxville. 1 March 2022.

2021 **Grondin, N.S.***, Mardi Gras: More than Beads and Bourbon Street. GEOG 361. The University of Tennessee, Knoxville. 16 February 2021.

Grondin, N.S.*, Tropical Cyclones. GEOG 131. University of Tennessee, Knoxville. Pre-Recorded. Spring.

2020 **Grondin, N.S.***, Tropical Cyclones and Climate Change. ESS 462. The University of Tennessee, Knoxville. 11 November 2020.

Grondin, N.S.*, Tropical Cyclones. GEOG 131. The University of Tennessee, Knoxville. Pre-Recorded. Fall.

Grondin, N.S.*, Latin American Hurricanes. GEOG 373. The University of Tennessee, Knoxville. 1 October 2020.

Grondin, N.S.*, Physical Geography of Mexico, Central America, and the Caribbean. GEOG 373. The University of Tennessee, Knoxville. 29 September 2020.

Grondin, N.S.*, Tropical Weather Circulations. GEOG 334. The University of Tennessee, Knoxville. Pre-Recorded. Spring.

Grondin, N.S.*, Tropical Cyclones. GEOG 334. The University of Tennessee, Knoxville. Pre-Recorded. Spring.

Grondin, N.S.*, Tropical Cyclone Forecasting and Hurricane Climatology. GEOG 334. The University of Tennessee, Knoxville. Pre-Recorded. Spring.

Grondin, N.S.*, Tropical Cyclones. GEOG 131. The University of Tennessee, Knoxville, Knoxville. 9 March 2020.

2019 **Grondin, N.S.***, Impacts of Climate Change. GEOG 131. The University of Tennessee, Knoxville. 22 November 2019.

Grondin, N.S.*, Tropical Cyclones. GEOG 131. The University of Tennessee, Knoxville. 25 October 2019.

2016 Grondin, N.S.*: Comparing Temperature Data from USA Mesonet Stations, Cooperative Observer (COOP) Stations and Automatic Surface Observing System Stations across the Northern Gulf Coast. University of South Alabama Honors Senior Fall Showcase, Mobile, AL.

Grondin, N.S.*, and S.K. Kimball: Comparing Temperature Data from USA Mesonet Stations, Cooperative Observer (COOP) Stations and Automatic Surface Observing System Stations across the Northern Gulf Coast. University of South Alabama Undergraduate Research Fellowship Symposium, Mobile, AL. (poster)

2014 Moore, M.*, C. Moore*, and **N.S. Grondin***, An Honors Tailgate: Connecting Honors Students, Faculty, Alumni, and Prospective Students. *49th National Collegiate Honors Council Annual Conference*, Denver, CO.

Awards and Honors

2023 Extraordinary Graduate Student Teaching Award, Office of the Provost, The University of Tennessee, Knoxville

Award for Excellence in Graduate Student Teaching, Graduate Student Senate, The University of Tennessee, Knoxville

2022 Outstanding Graduate Teaching Associate, Department of Geography, The University of Tennessee, Knoxville

Publication Leadership Award, Department of Geography, The University of Tennessee, Knoxville

2021 Shipley-Swann Graduate Fellowship, The Graduate School, The University of Tennessee, Knoxville

Publication Leadership Award, Department of Geography, The University of Tennessee, Knoxville

2020 Most Valuable Player, 2020 Southeastern Division of the American Association of Geographers World Geography Bowl

2019 Chancellor's Fellowship, The Graduate School, The University of Tennessee, Knoxville

Graduate Scholarship Recipient, Alpha Tau Omega Foundation

2017 Outstanding Student Poster Award Winner, American Meteorological Society Student Conference

Finalist for Graduate Scholarship, Alpha Tau Omega Foundation

2016 Outstanding Senior in Meteorology, Coastal Weather Research Center/Department of Earth Sciences, University of South Alabama

President's List, University of South Alabama (Fall)

Dean's Honors List, College of Arts & Sciences, University of South Alabama (Spring)

2015 Bhanwar Lal Bahethi Scholarship, American Meteorological Society

Dr. Bill Williams Endowed Scholarship in Meteorology, Department of Earth Sciences, University of South Alabama

- Dean's Honors List, College of Arts & Sciences, University of South Alabama (Fall and Spring)
- 2014** Ernest F. Hollings Scholarship, National Oceanic and Atmospheric Administration
- Dean's Honors List, College of Arts & Sciences, University of South Alabama (Fall and Spring)
- 2013** Dean's Honors List, College of Arts & Sciences, University of South Alabama (Fall)
- President's List, University of South Alabama (Spring)
- 2012** Whiddon Honors Scholar, Honors Program, University of South Alabama
- President's List, University of South Alabama (Fall)

Honor Society Memberships

- Gamma Theta Upsilon, Louisiana State University
- Order of Omega, University of South Alabama
- Phi Kappa Phi, University of South Alabama
- Mortar Board, University of South Alabama
- Phi Eta Sigma, University of South Alabama

External Funding and Grants

- 2022** American Meteorological Society Fifth Special Symposium on Tropical Meteorology and Tropical Cyclones Student Presenter Travel Award for the 103rd Annual Meeting of the American Meteorological Society in Denver, CO
- University of Tennessee Graduate Student Senate Travel Award for the 103rd Annual Meeting of the American Meteorological Society in Denver, CO
- University of Tennessee Graduate Student Senate Travel Award for the 35th American Meteorological Society Conference on Hurricanes and Tropical Meteorology in New Orleans, LA
- 2020** American Meteorological Society Student Travel Award- virtual 34th Conference on Hurricanes and Tropical Meteorology (meeting rescheduled to 2021 due to COVID-19 pandemic)
- The University of Tennessee Student Senate Travel Award for 100th Annual Meeting of the American Meteorological Society in Boston, MA
- 2019** American Meteorological Society Special Symposium on Tropical Cyclones and Extreme Monsoon Precipitation Student Travel Grant for the 99th Annual Meeting of the American Meteorological Society in Phoenix, AZ
- 2018** International Research Experience for Students-Advanced Study Institute Field Studies of Convection in Argentina Program (held with the RELAMPAGO-CACTI field campaign)
- Louisiana State University Graduate Student Association Conference Travel Grant for 99th Annual Meeting of the American Meteorological Society in Phoenix, AZ
- Synergistic Environments in Graduate and Undergraduate Education in Atmospheric Instrumentation and Measurement Training COMET Module Review Team, Year 2

American Meteorological Society Student Travel Grant (for non-presenting students)- 33rd Conference on Hurricanes and Tropical Meteorology

2016 University of South Alabama Summer Undergraduate Research Fellowship

Skills and Languages

CITRL Associate, Instructional Lab Development, Professional Social Media, Python, R, Instrumentation basics, ArcGIS, Online Teaching, Course Design, Professional Presentations, Conference Development and Leadership, Fluency in English, Conversant in Spanish

Service and Leadership

Disciplinary Service

Summer 2022 Question Writer, Oak Ridge Affiliated Universities National Science Bowl, Middle School Competition for “Earth and Space Science”

2022–present Member, American Meteorological Society Coriolis Committee

2020–2022 Program Co-Chair and Poster Session Chair, American Meteorological Society Student Conference

Spring 2021 Question Writer, Tennessee Science Olympiad Exam in “Meteorology”

2019–2020 Co-Chair in Training, American Meteorological Society Student Conference Planning Committee

2019–2023 Member, American Meteorological Society Student Conference Planning Committee Media Subcommittee

2018–2019 Volunteer, National Geographic Louisiana State GeoBee

2018–2023 Member, American Meteorological Student Conference Planning Committee Poster Subcommittee

2018 Member, Southwestern Division of American Association of Geographers Meeting Local Host Committee

2017–2023 Member and Session Chair, American Meteorological Society Student Conference Planning Committee

Spring 2017 Instrumentation Needs ‘Harvester’, 97th Annual Meeting of the American Meteorological Society

The University of Tennessee, Knoxville

Spring 2023 Judge, Exhibition of Undergraduate Research and Creative Achievement (EURECA)

2022–2023 Undergraduate Program Committee, Graduate Student Member, Department of Geography and Sustainability

2022–2023 Center for the Integration of Teaching, Research, and Learning Campus Advisory Board

2021–2022 Graduate Student Senate Proxy for the Department of Geography

Fall 2021 GTA/Associate Representative, Department of Geography, Graduate Student Teaching Review Committee

2020–2021 Graduate Student Senator, Representing the Department of Geography

2020–2021 Graduate Student Senate Representative to the Police Advisory Council

2019–2020 Undergraduate Liaison, Department of Geography

2019–2023 Member, GeoGrads

Louisiana State University

2018 Geography President, Geography and Anthropology Society

2017–2019 Member, Geography and Anthropology Society

University of South Alabama

2014, 2016–2017 Interviewer, Honors Program

May 2016 Volunteer, Department of Earth Sciences/USA Meteorology Booth, NOAA Hurricane Awareness

- 2012–2017 Tour Stop in Mobile, Alabama
 Member, Meteorology Club/South Alabama Student Chapter of the American Meteorological Society
- 2012–2016 Member, Honors Program Organization

Alpha Tau Omega Fraternity

- Fall 2020 Member, Kappa Sigma Chapter Alumni Committee on Scholarship Endowment
- Fall 2018 Distinguished Alumnus for Initiation of the Alpha pledge class of the Epsilon Zeta Chapter
- Spring 2018 Honorary Secretary, Re-Chartering Ceremony of the Epsilon Zeta chapter
- 2014–2016 Scholarship Chairman, Kappa Sigma Chapter
- 2014–2016 Active Member, Kappa Sigma Chapter

Community Service and Outreach

- June 2023 Juror and Jury Foreperson, Knox County (TN) Criminal Court Division I
- 2021 Member, Newington (CT) High School Mascot Design Committee
- 2016 Invited Presentation at Newington (CT) High School Science National Honor Society Meeting, “Meteorology: It’s more than just ‘Sunny and 75’.” 14 December 2016

Peer Reviewed Articles

The Geography Teacher (1)- 2023

Professional Development

- 2023** American Association of Geographers Geography Faculty Development Alliance (GFDA) Early Career Workshop. Virtual. 12 June 2023–16 June 2023.
- 2022** Innovative Course Design: Innovative Assessment Strategies. The University of Tennessee, Knoxville Teaching and Learning Innovation. Knoxville, TN. 18 October 2022.
- Relating to a Different Audience. American Association of Geographers Summer Series: Post-Graduation Essentials. Virtual. 10 August 2022.
- Geography Graduate Students Networking Workshop. American Association of Geographers Summer Series: Graduate Forums. Virtual. 9 August 2022.
- Preparing to be a Professional. American Association of Geographers Summer Series: Post-Graduation Essentials. Virtual. 1 August 2022.
- Enhancing Your Public Speaking and Presentation Skills. Research Square. Virtual. 21 July 2022.
- How to Build a Teaching Portfolio. American Association of Geographers Summer Series: Graduate Forums. Virtual. 14 June 2022.
- SafeZone Training, Tier 3. The University of Tennessee, Knoxville Pride Center. Virtual. 22 April 2022.
- Disrupting Bullying in Graduate School: Strategies and Interventions. Center for the Integration of Teaching, Research, and Learning. Virtual. 12 April 2022.
- Putting it all Together: How Do I Articulate and Implement a Career Development Plan?. Center for the Integration of Teaching, Research, and Learning. Virtual. 4 April 2022.
- Writing an Effective Teaching Philosophy Statement. Center for the Integration of Teaching, Research, and Learning. Virtual. 24 February 2022.

- 2021** Responsible Conduct of Research for Graduate Students: Becoming Effective Communicators and Mentors. The University of Tennessee, Knoxville, Office of Research, Innovation, and Economic Development. Virtual. 8 November 2021.
- SafeZone Training, Tier 2. The University of Tennessee, Knoxville Pride Center. Virtual. 27 September 2021.
- SafeZone Training, Tier 1. The University of Tennessee, Knoxville Pride Center. Virtual. 2 August 2021.
- Tennessee Climate Data Summit. Tennessee Climate Office. Virtual. 25–26 May 2021.
- 2020** Facilitating Undergraduate Evidence-based Learning Workshop. The University of Tennessee, Knoxville, Office of Teaching and Learning Innovation. Virtual. May 2020.
- 2019** Advanced Study Institute- Field Studies of Convection in Argentina Fall Workshop. Boulder, Colorado. 8–12 October 2019.

Memberships

American Meteorological Society, Graduate Student Member
American Association of Geographers, Climate Specialty Group, Graduate Student Member
Southeastern Division of the American Association of Geographers, Student Member
Alpha Tau Omega Fraternity- Kappa Sigma Chapter, Alumnus
University of South Alabama National Alumni Association, Lifetime Member
New England Martial Arts Teacher's Association