

AMY POLEN

561-779-2878

Email: amy.n.polen@gmail.com

Alt. Email: amypolen@mail.usf.edu

<https://www.linkedin.com/in/amypolen>



EDUCATION

Master of Public Health | University of South Florida

AUGUST 2019 – CURRENT GPA: 4.0

- Concentration in **Global Disaster Management, Humanitarian Relief & Homeland Security**
- Pursuing graduate certificate in disaster management since Fall 2019
- Anticipated graduation date: AUGUST 2021

Department of Oceanography and Coastal Sciences | Louisiana State University

JANUARY 2019 – AUGUST 2019 GPA: 4.0

- Graduate coursework in meteorological oceanography
- Research Interests: risk perception, coastal hazards, weather, and the human-environment interface

B.S. Environmental Science and Policy | University of South Florida

AUGUST 2016 – AUGUST 2018 GPA: 3.9

- Graduated *summa cum laude*
- Member of the Provost Scholars Program
- Member of the Honors College

USF in London Study Abroad | London, United Kingdom

JUNE 2018 – JULY 2018

- Took classes in biodiversity and British culture offered by University of South Florida at University College London's central campus. Skills developed include cultural analysis, extensive planning, and on-the-spot adaptation
- Semester GPA of 4.0; Awarded the "Most School Spirit" award by Dean Adams of the USF Honors College for overcoming adversity with an injury abroad



EXPERIENCE

Graduate Research Assistant | University of South Florida Geosciences

SEPTEMBER 2020 – CURRENT

Graduate research assistant under Dr. Jennifer Collins, where I act as a Co-PI on "NSF RAPID Grant: Hurricane Evacuations in the Age of COVID-19" and key personnel on Natural Hazards Center quick response research grant, "Compound Hazards, Evacuations, and Mass Sheltering – Improving Practices for Public Health in the PRVI Region". Responsibilities include survey design, dissemination, and analysis in addition to other administrative tasks.

Research Experience for Undergraduates Mentor | University of South Florida Geosciences

MAY 2020 – JULY 2020

Advisor and mentor for a Research Experience for Undergraduates titled “*Weather, Climate, and Society*”. Adapted to be an online program with the rise of COVID-19, I mentored freshman and sophomore students from across the United States and taught the students about survey design and using statistical programs such as SPSS. As part of this experience, I was lead in designing a virtual survey addressing perceptions regarding evacuation with COVID-19 during the upcoming 2020 hurricane season (Please see Research Experience for more details).

Graduate Research Assistant | University of South Florida College of Public Health

AUGUST 2019 – SEPTEMBER 2020

Graduate Assistant for the College of Public Health at University of South Florida. In this role, I act as the public health graduate student working out of the School of Architecture and Community Design, specifically the Florida Center for Community Design and Research. Responsibilities include project management, grant writing, and technical writing for resiliency, vulnerabilities and mitigation strategies for Hillsborough County (Please see Research Experience for more details).

Graduate Assistant | Louisiana State University DOCS

MAY 2019 – AUGUST 2019

Graduate Assistant for the College of Coast and Environment Corporate and Foundation Relations. Responsibilities revolve around external relations and working on projects to improve the college’s image through donor relations, student recruitment, and fundraising efforts.

Teaching Assistant | Louisiana State University DOCS

JANUARY 2019 – MAY 2019

Teaching Assistant for Introduction to Oceanography (OCS1005). Responsibilities include assessing students’ performances, assisting with review sessions, and communicating with students to facilitate course information

Honors College Tour Guide | University of South Florida

AUGUST 2017 – MAY 2018

Duties included helping with admissions events, recruiting perspective students, and assisting with Honors programs such as tour guides, study abroad, etc. Skills involved communication, networking, and outreach



GRANTS RECEIVED

NSF RAPID: Hurricane Evacuations in the Age of COVID-19

PROJECT DATES: 9/15/2020 TO 8/31/2020

PI: J.M. Collins, M. Welford, E. Dunn, and A. Polen

Title: RAPID: Hurricane Evacuations in the Age of COVID-19

Agency: NSF BCS Human-Environment and Geographical Sciences Program

Project dates: 9/15/2020 to 8/31/2020

Amount funded: \$78,821



PUBLICATIONS

Peer-Reviewed Publications

- [IN REVIEW] Collins, J., **A. Polen**, I. Jernigan, D. Colon-Burgos, K. McSweeney, & M. Spandri (2021). An Analysis of the Success of Virtual Research Experience for Undergraduates Programs in Light of the COVID-19 Pandemic. Submitted to *Bulletin of the American Meteorological Society* (February 2021).
- Collins, J., **A. Polen**, K. McSweeney, D. Colon Burgos, & Jernigan, I. (2021). Hurricane Risk Perceptions and Evacuation Decision Making in the Age of COVID-19. *Bulletin of the American Meteorological Society*, 1-35, <https://doi.org/10.1175/BAMS-D-20-0229.1>
- Bloemendaal, N., de Moel, H., Mol, J.M., Bosma, P., **Polen, A.N.** & Collins, J.M. (2021). Adequately reflecting the potential impact of tropical cyclones using the new Tropical Cyclone Hazard Scale. *Environmental Research Letters*, 16(1), 14048, <https://doi.org/10.1088/1748-9326/abd131>
- Ersing, R.L., C. Pearce, J.M Collins, M. E. Saunders, & **Polen, A.** (2020). Geophysical and Social Influences on Evacuation Decision-Making: The Case of Hurricane Irma. *Atmosphere*, 11(8), 851. <https://doi.org/10.3390/atmos11080851>
- Senkbeil, J.C., J. Reed, J. Collins, K. Brothers, M Saunders, W. Skeeter, E. Cerrito, S. Chakraborty, and **A. Polen** (2019): Perceptions of Hurricane Track Forecasts in the U.S.A. *Weather, Climate and Society*
- Collins, J.M., R. Ersing, **A. Polen**, M. Saunders, and J. Senkbeil (2018): The Effects of Social Connections on Evacuation Decision Making during Hurricane Irma. *Weather, Climate and Society*, 10 (3), 459-469. DOI: 10.1175/WCAS-D-17-0119.1
- Collins, J.M., R.L. Ersing, and **A. Polen** (2017): Evacuation Decision Making during Hurricane Matthew: An Assessment of the Effects of Social Connections. *Weather, Climate and Society*, 9 (4), 769-776. DOI: 10.1175/WCAS-D- 17-0047.1.

Editorially Reviewed Publications

- Collins, J., Ersing, R., **Polen, A.**, and Saunders, M. (2018) Do We Stay or Do We Go? How Social Networks Contribute to Evacuation Decision-Making. *Disaster Research* 679
 - The previously listed publication is also hosted by the UNDRR Prevention Web database
- Collins, J., Ersing, R., **Polen, A.**, & Saunders, M. (2017). Evacuation Behavior Measured During an Evacuation Order: An Assessment of the Effects of Social Connections on the Decision to Evacuate. Natural Hazards Center Quick Response Grant Report Series, 267. Boulder, CO: Natural Hazards Center. Retrieved from <https://hazards.colorado.edu/quickreport/evacuation-behavior-measured-during-an-evacuation-order>
 - The previously listed publication is also hosted by the UNDRR Prevention Web database
- **Polen, A.** (2017): Analysis of Rainfall in Tampa. *Undergraduate Journal of Mathematical Modeling: One + Two*, 8(1). DOI: 10.5038/2326-3652.8.1.4885

Government Publications

- Cook B., Sabia T., Bohn J., **Polen A.**, Dunn E., Bourgeois M., Winter M., Ribandeneira E., Leamer O., Shah R., Cook W., Cheng A., Bell C., & Gardner W. (2020). *Hillsborough County Community Vulnerability Report: An Executive Summary and Assessment of Impacts Associated with the 'Perils of Flood,' for Hillsborough County, Florida (Vulnerability Report and Map Analysis)*. Prepared for Hillsborough County Public Works Department and Hillsborough County Planning Commission. Available online

at <http://www.planhillsborough.org/hillsborough-county-community-vulnerability-study/>

- Cook, B., Sabia, T., Bohn, J., Bourgeois, M., Dunn, E., Ribadeneria, E., Leamer, O., Shah, R., Dobson, T., Cook, W., Cheng, A., Winter, M., Bell, C., Gardner, W., & **Polen, A.** (2020). *Hillsborough County Community Vulnerability Study: The Community Vulnerability Handbook: A Comprehensive Overview of Policies, Assessments and Impacts Associated with the 'Perils of Flood' for Hillsborough County (Volume 1 of the Community Vulnerability Study 2nd edition)*. Prepared for Hillsborough County Public Works Department and Hillsborough County Planning Commission. Available online at http://www.planhillsborough.org/wp-content/uploads/2020/06/CVS-Community-Vulnerability-Handbook-2nd-Edition_FCCDR_June-2020.pdf



SKILLS AND CERTIFICATIONS

Skills

- Experience in survey administration and design
- Open Water SCUBA certified by SSI
- Public Speaking
- Science Communication
- Experienced in creating poster displays and other forms of research communication
- Proficient in statistical analysis

Software Proficiencies

- ArcGIS software suite 10.6.1 (ArcCatalog, ArcMap and ArcGIS Pro)
- SPSS
- TOVI
- EddyPro
- Microsoft Suite

Certifications

FEMA

- FEMA's Emergency Management Institutes Professional Development Series
- FEMA G317: Community Emergency Response Team Basic Training Certified
- FEMA IS-15.b: Special Events Contingency Planning for Public Safety Agencies
- FEMA IS-42: Social Media in Emergency Management
- FEMA IS-100.c: Introduction to the Incident Command System
- FEMA IS-120.c.: An Introduction to Exercises
- FEMA IS-130.a.: How to be an Exercise Evaluator
- FEMA IS-230.d: Fundamentals of Emergency Management
- FEMA IS-235.c: Emergency Planning
- FEMA IS-240.b: Leadership and Influence
- FEMA IS-241.b: Decision Making and Problem Solving
- FEMA IS-242.b: Effective Communication
- FEMA IS-244.b: Developing and Managing Volunteers
- FEMA IS-325: Earthquake Basics: Science Risk and Mitigation
- FEMA IS-393.b: Introduction to Hazard Mitigation
- FEMA IS-346: Hazardous Materials for Medical Personnel
- FEMA IS-520: Introduction to Continuity of Operations Planning for Pandemic Influenzas
- FEMA IS-700.b: An Introduction to the National Incident Management System
- FEMA IS-800.c.: National Response Framework, An Introduction
- FEMA IS-1300: Introduction to Continuity of Operations
- FEMA IS-2900.a: National Disaster Recovery Framework (NDRF) Overview

ESRI

- ArcGIS Online Basics
- Creating and Sharing GIS Content Using ArcGIS Online
- Getting Started with ArcGIS Pro
- Exploring Spatial Patterns in Your Data Using ArcGIS
- Space-Time Analysis: Finding Temporal Trends
- Introduction to Space-Time Analysis

CONVERGE Natural Hazards Center

- CONVERGE Natural Hazards Center: “Disaster Mental Health”
- CONVERGE Natural Hazards Center: “Social Vulnerability and Disasters”
- CONVERGE Natural Hazards Center: “Cultural Competence in Hazards and Disaster Research”
- CONVERGE Natural Hazards Center: “IRB Procedures and Extreme Events Research
- CONVERGE Natural Hazards Center: “Conducting Emotionally Challenging Research
- CONVERGE Natural Hazards Center: “Understanding and Ending Gender-Based Violence in Fieldwork”

Misc.

- Academic Partnerships to Improve Health: “Navigating a Foodborne Outbreak: Preparation for Interprofessional Practice”
- LinkedIn: Data Fluency: Exploring and Describing Data
- UCAR COMET: Communicating Wind Risks Through Tropical Watches and Warnings
- Collaborative Institutional Training Initiative: Social/Behavioral Investigators and Key Personnel (Level 2)
- PBC Division of Emergency Management: Radiological Emergency Preparedness Intensive Nuclear Training Course at the Emergency Operations Center of Palm Beach County
- Florida Floodplain Managers Association: Fundamentals of Floodplain Management



CONFERENCES AND PRESENTATIONS

National Hurricane Conference | Online

JUNE 2020

Oral paper presenter on “Do We Stay, or Do We Go? Geophysical and Social Influences on Evacuation Decision Making”, invited to present in the session “Research on Evacuation Behaviors in Recent Hurricanes”. Originally scheduled to occur in April 2020 in Orlando, FL, it was transitioned online to account for COVID-19.

Champions of Change: Creating Resilient Communities 2030 | St. Petersburg, FL

JANUARY 2020

Hosted by the Tampa Bay Regional Resiliency Coalition, this leadership summit aims to define goals for the Tampa Bay Regional Action Plan. While at this conference, I acted as a facilitator for Regional Action Plan Priority Discussions as a member of the Florida Center for Community Design and Research from University of South Florida.

University Corporation of Atmospheric Research Capitol Hill Scholar | Washington, D.C.

JUNE 2019

Chosen as one of five students nationally to represent atmospheric researchers while lobbying with the University Corporation for Atmospheric Researchers for continued support and funding

for research in Congress. Skills gained from this two-day workshop include networking, science communication, and environmental policy.

National Hurricane Conference | New Orleans, LA

APRIL 2019

Oral paper presenter on “Hurricane Matthew and Hurricane Irma: A study on Evacuation Decision and Social Connectedness”, invited to present in the session “Research on Evacuation Behaviors in Recent Hurricanes”

Vrije Universiteit Amsterdam | Amsterdam, Netherlands

JUNE 2018

Oral presentation on “Hurricane Matthew and Hurricane Irma: A Study on Evacuation Decision and Social Connectedness” including disaster preparedness methods in Florida and future research plans at LSU. Presented at the Institute for Environmental Studies at Vrije Universiteit Amsterdam.

American Association of Geographers 2018 | New Orleans, LA

APRIL 2018

Oral paper presenter on “Hurricane Matthew and Hurricane Irma: A study on Evacuation Decision and Social Connectedness”

- Awarded second place in the Climate Specialty Group Student Paper Competition for paper presentation

Southeastern Division of the American Ass. of Geographers | Starkville, MS

NOVEMBER 2017

Student presenter for the poster, “An Examination of Evacuation Decision Making during Hurricane Irma”

6th International Summit on Hurricanes and Climate Change: From Hazards to Impact | Heraklion, Crete, Greece

JUNE 2017

Student presenter for the poster, “Evacuation behavior measured at time of expected hurricane landfall: An assessment of the effects of social networks”

- Awarded third place in the student poster competition. Interacted with established members in the field of climate sciences including Michael Mann. First undergraduate to present at this international conference.

USF Service-Learning Boot Camp | Tampa, FL

MAY 2017

Designed to help professors develop service-learning courses at a collegiate level (courses that include a community engagement aspect and a reciprocal relationship between course content and community needs)

- Assisted Dr. Jennifer Collins in developing a “Florida Weather and Climate” service-learning course



RESEARCH EXPERIENCE

USF Weather Lab | University of South Florida

AUGUST 2019 – CURRENT

Graduate Researcher and Educator

- Co-Principle Investigator on “Hurricane Evacuations in the Age of COVID-19: Optimizing Evacuation Decisions in the Face of Compound Hazards”, a virtual survey addressing Floridian

perceptions regarding evacuation with COVID-19 during the upcoming 2020 hurricane season.

- Surveys have been distributed in Florida for pre-hurricane perceptions as well as for the populations affected by Hurricane Laura, Sally, and Delta to determine post-hurricane perceptions
- Involvement included survey design, team coordination, statistical analysis and grant writing.
- This research involved a wide variety of community collaborators across the state of Florida as well as employing undergraduate students in the research through a NSF-funded Research Experience for Undergraduates.
- Currently collaborating with Co-PIs Dr. Jennifer Collins, Professor Elizabeth Dunn, and local partners (including VITEMA, USVI Department of Health, and NOAA NWS) to conduct a survey analyzing anticipated evacuation behaviors in Puerto Rico and the U.S. Virgin Islands when individuals are accounting for the compounding hazards of COVID-19
- Currently collaborating with NOAA NWS, emergency management departments, and USF researchers in designing a risk perception survey regarding evacuations for the California wildfires and the subsequent potential evacuations due to landslides
- Research collaborator on the study “Geophysical and Social Influences on Evacuation Decision-Making: The Case of Hurricane Irma”. Responsibilities included scientific writing, literature synthesis, and statistical analysis.
- Lecturer and mentor for a Research Experience for Undergraduates addressing “Weather, Climate, and Society”. Responsibilities included research mentorship, teaching statistical software and concepts, and project design.

Florida Center for Community Design & Research | University of South Florida

AUGUST 2019 – SEPTEMBER 2020

Graduate Research Assistant

- Research collaborator on the Community Vulnerability Study sponsored by Hillsborough County (<http://www.planhillsborough.org/hillsborough-county-community-vulnerability-study/>). This project aims to analyze vulnerabilities within the built environment, population, and environment in regards to the *Perils of Flood* initiatives. As well, mitigation and policy recommendations are also provided.
 - Responsibilities included scientific and governmental writing, map-making and GIS data management
 - Facilitator for meetings with the county to discuss vulnerabilities and potential mitigation efforts that could be implemented to reduce risk within the county
 - Author on the *Community Vulnerability Handbook* volumes 1 (vulnerability and risk assessment) and 2 (mitigation recommendations)
 - Produced maps in ArcMap for the built environment, populations and public health, and ecology in Hillsborough County compared to the storm surge and sea level rise modeling for 2045
 - Facilitated an affiliated stakeholder workshop at the “Champions of Change” conference hosted in St. Petersburg, FL from the Tampa Bay Regional Resiliency Coalition
- Researcher on the Wimauma Community Master Plan reimagining sponsored by Hillsborough County
 - Helped facilitate stakeholder and community meetings focused on the desired transformations for Wimauma over the next decades
 - Analysis and understanding of local sociology, demographics, infrastructure, and zoning code was needed
 - Processed short-answer survey data focused on the theme “What we want Wimauma to be is...”

- Produced maps in ArcMap for the community meeting and preliminary master plan draft
- Researcher on “Perceptions of coastal resilience, design, and risk for future flood”. This project, still ongoing, will compare the processes and outcomes that are occurring, almost simultaneously, in the Mexico Beach area, as it recovers from Hurricane Michael, and the Room for the River project in the Netherlands as they recover from flood events. The main focus is on the processes of planning for development in vulnerable areas, the perception of those planning processes, and a study of the built results and the populations’ perceived safety of those living conditions.
 - Lead on the IRB processes and consent processes for this projects’ multiple surveys and focus group questions
 - Responsible for coordination among faculty from the Department of Geosciences, College of Public Health, and School of Architecture and Community Design including preliminary work on an NSF grant
 - Designed surveys for use in the Netherlands and Mexico Beach that compared attitudes towards mitigative processes among the public and the overall planning process used in the government officials; data was to be comparative among the Netherlands and US groups for coastal flooding prevention
- Lead map producer for a prototype study for Sanibel-Captiva Island for future vulnerability identification study and mitigation study. Maps were produced using ArcMap 10.6.1

Atmospheric and Oceanic Circulation Lab | Louisiana State University

JANUARY 2019 – AUGUST 2019

Graduate Researcher

- Research collaborator on a group project using an eddy covariance weather tower to build atmospheric profiles for fog inversions from the Mississippi River in Baton Rouge.
- Use of drones to produce vertical temperature measurements
- Gained proficiency in TOVI and EddyPro software

Hurricane Research Team | University of South Florida

SEPTEMBER 2016 – AUGUST 2018

Undergraduate Researcher

- Research collaborator and statistician for “The Effects of Social Connections on Evacuation Decision Making during Hurricane Irma”
 - Presented by myself at the American Association of Geographers at the New Orleans 2018 Meeting
 - Presented by Dr. Jennifer Collins at the American Meteorological Society 33rd Conference on Hurricanes and Tropical Meteorology 2018
- USF Hurricane Research Team Leader September 2017
 - Data collector for research funded by an NSF Rapid Grant from the Geography and Spatial Science division to University of South Florida and University of Alabama, and research funded by the Natural Hazards Center Quick Response Program to the University of South Florida.
 - Surveyed people who were evacuating from Hurricane Irma and surveyed non-evacuees to understand the social and geophysical influences related to their evacuation decision
 - Team Leader and coordinator for volunteer personnel at survey sites
- Research collaborator and statistician for “Evacuation Decision Making during Hurricane Matthew: An Assessment of the Effects of Social Connections”
 - Presented by Dr. Jennifer Collins at the American Association of Geographers at the Boston 2017 Meeting

- Presented by myself at the 6th International Summit on Hurricanes and Climate Change: From Hazard to Impact 2017
- Key Personnel in USF Hurricane Research Team for study “Evacuation Decision Making during Hurricane Matthew: An Assessment of the Effects of Social Connections” (2016)

Weather Center | University of South Florida

MAY 2016 – AUGUST 2018

Undergraduate Researcher

- Collaborator with Dr. Victor Venema at University of Bonn and Dr. Jennifer Collins at University of South Florida analyzing bias created by the transition to the Stevenson screen using data from MeteoFrance
- Acknowledged as a copyeditor and index checker for the book, *Florida Weather and Climate* by Jennifer M. Collins, Robert V. Rohli, and Charles H. Paxton
- Acknowledged as a revisionist and copyeditor for “The 2016 North Atlantic Hurricane Season: A Season of Extremes” (2017)
- Acknowledged as a revisionist and copyeditor for “Chapter 10: Climate and Weather Extremes” (2017)
- Acknowledged as a revisionist and copyeditor for *Hurricane and Climate Change: Vol. 3* (2016)
- Acknowledged as a revisionist and copyeditor for “Measuring Hurricane Preparedness for University Housing Employees” (2016)



AWARDS AND HONORS

University Corporation of Atmospheric Research Capitol Hill Scholar | Washington, D.C.

JUNE 2019

Chosen as one of five students nationally to represent atmospheric researchers while lobbying with the University Corporation for Atmospheric Researchers for continued support for research in Congress

West Central Florida American Meteorological Society | Tampa, FL

APRIL 2017

Recipient of the Dewey M. Stowers Merit Award for Excellence in Meteorology

USF Honors College Community Engagement Banquet | Tampa, FL

MARCH 2017

- Most Engaged Honors College Living Learning Community Student
- “Honors In Action” Award for being the most involved Honors College student



LEADERSHIP, ORGANIZATIONS & MEMBERSHIPS

Corresponding Secretary | Tampa, FL

APRIL 2020 – CURRENT

Corresponding Secretary for the West Central Florida American Meteorological Society

West Central Florida AMS | Tampa, FL

JULY 2017 – CURRENT

Member of the West Central Florida Chapter of the American Meteorological Society

Outreach Officer | Baton Rouge, FL

JANUARY 2019 – AUGUST 2019

Establishing Member and Outreach Officer for the Coastal Louisiana Chapter of the American Meteorological Society

SWAAG | Southwest US

JANUARY 2019 – AUGUST 2019

Member of the Southwest Division of the American Association of Geographers

Gamma Theta Epsilon | Tampa, FL

AUGUST 2017 – AUGUST 2018

Member of Gamma Theta Epsilon Kappa Kappa chapter (Geography Honors Society)

SEDAAG | Southeast US

SEPTEMBER 2017 – SEPTEMBER 2018

Student member of the Southeastern Division of the American Association of Geographers

CERT | Tampa, FL

AUGUST 2017 – AUGUST 2018

Member of the University of South Florida Community Emergency Response Team

H2O To Go | Florida Atlantic University

JULY 2017

Team Leader Assistant for the dual-enrollment program “H2O To Go: Connections”

- This week-long field research course, emphasizing the watersheds of Florida and wetland hydrology, is geared towards high school students
- As a team leader assistant, I acted as a colleague and assistant to the graduate team leaders, and helped to teach curriculum to the students

Weather-Ready Liaison | Tampa, FL

APRIL 2017 – AUGUST 2018

Weather-Ready Nation Liaison and Ambassador for the West Central Florida American Meteorological Society

Outreach Officer | Tampa, FL

APRIL 2017 – AUGUST 2018

Outreach Officer for the West Central Florida American Meteorological Society

Provost Scholar’s Volunteer Committee | Tampa, FL

SEPTEMBER 2016 – MAY 2018

Member of the Provost Scholar’s Program Volunteer Committee

Provost Scholar’s Program Volunteer Committee Co-Chair from April 2017 – May 2018

Student Environmental Association | Tampa, FL

SEPTEMBER 2016 – AUGUST 2018

Member of the Student Environmental Association AT University of South Florida

- Vice President of the SEA from September 2016 – May 2017
 - Responsibilities included event coordination, outreach with students, and environmental education promotion



SERVICE TO THE RESEARCH COMMUNITY

Reviewer | Climate Risk Management

MARCH 2021 – CURRENAT

Article reviewer for the journal “Climate Risk Management”



VOLUNTEERING AND COMMUNITY ENGAGEMENT

Medical Reserve Corps | St. Petersburg, FL

APRIL 2019 – JULY 2020

Member of the Pinellas County Emergency Management Office’s Medical Reserve Corps, which assists in hurricane response and shelter staffing

Geography Bee Louisiana 2019 | Baton Rouge, LA

APRIL 2019

Volunteer graduate assistant for the National Geographic State Geography Bee

- Assisted in the preliminary question rounds and directing competitors and families around the venue

Ecofest 2018 | Tampa, FL

APRIL 2018

Outreach Officer for the West Central Florida American Meteorological Society:

- Coordinator for the WCFLAMS at the Tampa Ecofest 2018 (hosted by Learning Gate Community School, the City of Tampa and USF Health); a booth was established to educate the general public on hurricane preparedness and basic meteorology experiments and concepts

USF Relay for Life | Tampa, FL

APRIL 2018

Co-chair of the Provost Scholar’s Program Volunteer Committee:

- Hosted a top-fundraising group and participated in the campus’ Relay for Life, an event to fundraise money for cancer research

Learning Gate Elementary Education Outreach | Tampa, FL

JANUARY 2018

Outreach Officer for the West Central Florida American Meteorological Society:

- Assisted in coordinating an in-classroom education experience for elementary grade students at Learning Gate Elementary School, where we displayed weather experiments such as “cloud in a bottle”

USF National Campus Safety Day | Tampa, FL

OCTOBER 2017

Outreach Officer for the West Central Florida American Meteorological Society:

- Established an outreach booth to teach those on the University of South Florida campus about hurricane preparedness and measures to take during the hurricane season, as well as basic weather experiments

Hurricane Irma Emergency Operations Center Response | Tampa, FL

SEPTEMBER 2017

USF Community Emergency Response Team member:

- Call center volunteer and temporary supervisor (55 hours over a 3-day timeframe) for the City of Tampa Emergency Operations Center during Hurricane Irma

Hillsborough County Hurricane Expo 2017 | Tampa, FL

JUNE 2017

Outreach Officer for the West Central Florida American Meteorological Society:

- Coordinator for the WCFLAMS at the Hillsborough County Hurricane Expo 2017; a booth was established to educate the general public on hurricane preparedness and basic meteorology experiments and concepts