



Risky Behavior. *Sustainability*, 12

- 6) **Hotard, A.**, Valentine, K., and G. Mariotti, “Carbon Storage by Salt Marsh Biofilm,” LSU Discover Day, Baton Rouge, LA, 2016 (Tiger’s Choice Award for Best Poster in Major Division)

### ***Invited Talks***

- 1) **Hotard, A.** “Human Dimensions of Coastal Adaptation,” From Ice Sheets to the Coast: Sea-Level Rise Impacts Workshop, University of Houston (Houston, TX), April 2024
- 2) **Hotard, A.** “Rethinking Relocation and Resilience: An analysis of household adaptation preferences in the Greater Houston and New Orleans Regions,” Department of Geography and Spatial Sciences Seminar Series, University of Delaware (Newark, DE), February 2024
- 3) **Hotard, A.** “Coastal Resettlement,” Introduction to Louisiana Service and Leadership Scholars Field Trip, Louisiana State University, LUMCON (Cocodrie, LA), Summer 2017

## **RESEARCH & PROFESSIONAL EXPERIENCE**

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- 2020 –2023      **Doctoral Graduate Research Assistant** | *Department of Marine & Coastal Environmental Science, Texas A&M University at Galveston*  
Activities: Conducted quantitative analysis of original survey data and qualitative analysis of original interviews of coastal residents impacted by Hurricane Ida; curated spatial socioeconomic and hazard risk data for quantitative analysis of wind insurance market; conducted qualitative analysis of interviews with insurance industry representatives; assessed the use of nature based solutions in mitigation projects funded by the Federal Emergency Management Agency
- 2019 – 2020      **Science Policy Fellow with the Environmental Protection Agency, Gulf of Mexico Program** | *National Academies of Sciences, Engineering, & Medicine Gulf Research Program*  
Activities: Reviewed project proposals related to trash reduction and community resilience; developed GIS story map communicating programmatic impact across Gulf of Mexico Watershed
- 2019 (Summer)      **Intern** | *Federal Emergency Management Agency - Response Geospatial Office*  
Activities: Developed storm surge loss estimation tool in ArcPy for use in ArcGIS during disaster response decision making
- 2017 – 2019      *Department of Marine Sciences, Texas A&M University at Galveston*  
Activities: Conducted household interviews in rural Texas communities affected by Hurricane Harvey
- 2018 (Fall)      **Geospatial Analyst** | *Texas Target Communities - Hitchcock Partnership*  
Activities: Identified overlap of social inequities and physical vulnerabilities to hurricane storm surge and sea level rise in the city of Hitchcock, TX to make recommendations for future growth and development

## TEACHING

### *Course Instruction*

- Fall 2024     **Assistant Professor** | *Stokes School of Marine and Environmental Sciences, University of South Alabama*  
Environmental Science (ENV 337)
- Fall 2021     **Assistant Lecturer** | *Department of Marine Sciences, Texas A&M University at Galveston*  
Coastal Wetlands Management (MARS 425)  
Coastal Wetlands Lab (MARS 426)
- Fall 2018     **Teaching Assistant** | *Department of Marine Sciences, Texas A&M University at*

Activities: Assisted with public outreach and communication of coastal habitats and resources to park visitors and school groups; participated in restoration activities

## **HONORS & AWARDS**

### ***Awards & Scholarships***

- 1) Erma Lee & Luke Mooney Graduate Student Research Excellence Award, Texas A&M University at Galveston (2024)
- 2) Bernice E. Powell Maritime Education Scholarship, Texas A&M University at Galveston (2023)
- 3) William Paul Ricker Memorial Leadership Scholarship, Texas A&M University at Galveston (2022)
- 4) SeaSpace Endowed Graduate Student Scholarship, Texas A&M University at Galveston (2018)

### ***Fellowships & Grants***

- 1) Erma Lee and Luke Mooney Travel Award, Texas A&M University at Galveston (2023)
- 2) Graduate Student Research and Presentation Travel Award, Texas A&M University (2023)
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