

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

- 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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