Midland College Instructor Vitae: Alizia Rhodes

Education

- Master of Science in Marine Biology, Texas A&M University, Galveston, TX
- Bachelor of Science in Biology, Louisiana Tech University, Ruston, LA

Teaching Experience

- Teaching Assistant, Department of Biological Sciences, Louisiana Tech University, January 2020 – May 2020
    - Prepared coursework materials and conducted effective teaching as a laboratory instructor for the basic principles of Ecology (BISC/ENSC 313)
- Student Paraprofessional Educator, Union Parish School District, August 2014 – May 2017
    - Empowered marginalized and underrepresented students (grades K-12) to perform scientific experiments in after-school enrichment programs in Union Parish public schools of rural Louisiana

Professional Publications

- Alizia Rhodes' Google Scholar Profile
- Alizia Rhodes' ORCiD Profile
- Rhodes, Alizia Barnes (2023). Phragmites australis Reproductive Fitness, Productivity, and Morphology Along a Salinity Gradient in the Anahuac National Wildlife Refuge. Master's thesis, Texas A&M University. Available electronically from https://hdl.handle.net/1969.1/200093.
- Barnes AJ, Hill JM (2022). Copper barriers can cause behavioral artifacts in experiments with marine snails. Mar Ecol Prog Ser 685:127-136. https://doi.org/10.3354/meps13959.

Licensure and Certification

- Graduate Certificate in Geographic Information Science, Texas A&M University, Galveston, TX

Professional Presentations and Conferences

- Barnes A, Starr A, Armitage AR (2023) Phragmites australis fitness and morphology along a salinity gradient in the Anahuac National Wildlife Refuge. In Texas A&M University's Pathways Student Research Symposium. [Galveston, TX; poster]
- Barnes A, Starr A, Armitage AR (2022) Phragmites australis fitness and morphology along a salinity gradient in the Anahuac National Wildlife Refuge. In Restore America's Estuaries 2022 Coastal & Estuarine Summit. [New Orleans, LA; poster]
- Barnes A, Starr A, Armitage AR (2022) Phragmites australis fitness and morphology along a salinity gradient in the Anahuac National Wildlife Refuge. In Gulf Estuarine Research Society (GERS) Biennial Meeting. [Ocean Springs, MS; poster]

- Barnes AJ, Hill JM (2021) Copper barriers can cause behavioral artifacts in experiments with marine snails. In Estuarine Research Federation (CERF) 2021 Biennial Conference. [virtual; poster]
- Barnes A, Roberts BJ, Schutte CA, Rossi R (2020) Salt Marsh Soil Denitrification Rates Stimulated Following Oiling in a Large-scale Marsh Mesocosm Experiment. In Ocean Sciences Meeting 2020. [San Diego, CA; poster]
- Barnes A, Roberts BJ, Schutte CA, Rossi R (2019) Salt Marsh Soil Denitrification Rates Stimulated Following Oiling in a Large-scale Marsh Mesocosm Experiment. In Louisiana Universities Marine Consortium (LUMCON) REU Symposium. [Chauvin, LA; oral presentation]

Professional Associations

- Coastal and Estuarine Research Federation (CERF) – active since 2021
- The Association for the Sciences of Limnology and Oceanography (ASLO) – active since 2019
- Black in Marine Science (BIMS) – active since 2020
- Black Women in Ecology, Evolution, and Marine Science (BWEEMS) – active since 2024
- Gulf Estuarine Research Society (GERS) – active since 2021

Awards and Honors

- 2024: Black Women in Ecology, Evolution, and Marine Science Pilot Coaching Program
- 2022 & 2023: SeaSpace Endowed Scholarship in the Marine Sciences
- 2022: Black in Marine Science (BIMS) Tidal Wave Scholarship
- 2022: Restore America's Estuaries (RAE) Coastal & Estuarine Summit Scholarship
- 2022: Gulf Estuarine Research Society (GERS) Student Presentation Award
- 2022: Gulf Estuarine Research Society (GERS) Student Award
- 2021: Gulf Estuarine Research Society (GERS) Student Award
- 2020: Association for the Sciences of Limnology and Oceanography (ASLO) Multicultural Program
- 2019: National Science Foundation (NSF) Research Experience for Undergraduates (REU) Grant