

# Preparing Tomorrow's Minority Task Force in Coastal Resilience through Interdisciplinary Education and Research

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## SHORT DESCRIPTION

Conducting research projects that involve students during Fall 2021, Spring 2022, and Summer 2022. During the Fall and Spring semesters, two faculty members will engage 3 students each in research activities related to Coastal Resilience subjects, utilizing relevant software, data analytics, data science to understand natural disasters and find effective solutions. During the Summer, two faculty members will be engaging 14 students over a one-week period in similar research projects as mentioned above.

## ABSTRACT

We will continue to offer the courses that were developed and offered to the students during the preceding 6 years. In addition, we propose to engage students in research projects that will utilize the computers purchased with the DHS grant funds provided to us during year 6. We expect the students, with the faculty's assistance and guidance, to produce posters and possibly papers that may get published or presented later at relevant scholarly academic conferences. Speakers will be invited to our seminar courses. The speakers will be presenting their cutting-edge research expertise and talking about different opportunities in their respective institutions.