

Increasing Minority Representation

Goal: Increase representation of minority groups in the Homeland Security Enterprise (HSE).



← **Fig. 1**

Students from Oregon State University and University of Puerto Rico–Mayagüez as part of SUMREX at OSU.

Education and Workforce Development

CRC supports the development and delivery of resilience-related courses, concentrations, certificates and minors at four MSI partners. During the 2018-19 academic year, these institutions taught a total of 30 HSE-related courses to 315 enrollees, graduating 29 students with HSE-related degrees.

Jackson State University: MS and PhD degrees in coastal engineering

Johnson C. Smith University: summer enrichment programs in hazards for undergraduate STEM majors

Tougaloo College: multidisciplinary certificate in disaster and coastal studies

University of Puerto Rico – Mayagüez: undergraduate degree in coastal engineering

SUMREX (SUMmer Research EXperience)

The SUMREX Program is designed to integrate the CRC MSI education and workforce development program with its research program. Each summer, students from the CRC's MSI partners pair with CRC research partners for 10-12 weeks, helping students gain meaningful research experience and explore graduate study opportunities. Through SUMREX, CRC MSI students have participated in research at University of Texas-Austin, University of Central Florida, Louisiana State University, Oregon State University, Old Dominion University and University of Delaware.

DHS MSI Summer Research Team Program

CRC research partners host teams of early career faculty and students from MSIs under the MSI Summer Research Team Program. The goal of the program is to foster relationships for long-term projects and enhance scientific leadership at MSIs in DHS-relevant research areas. To date, CRC researchers have worked with faculty and students from Benedict College (SC), Norfolk State University (VA), Florida A&M University, Elizabeth City State University (NC), University of Puerto Rico–Mayagüez, Fayetteville State University and North Carolina A&T University .

MSIs Develop Education Pathways for HSE Careers in:

- + Emergency Management
- + Engineering / Coastal Hazard Modeling
- + Hazard Mitigation Planning
- + Disaster Preparedness / Recovery
- + Sociology / Social Work
- + Computer Science
- + Geographic Information Systems (GIS)

For more information, visit unc.live/2XsJWcl

