

University of Houston – Downtown

NRC HSI/MSI: Increasing Underrepresented in the Nuclear Industry
(NRC HSI/MSI IUNI)

A. Executive Summary:

FOA Number: SBCR-FN-0310-MSIP01

Lead Awardee Name: University of Houston-Downtown

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Project Funding Request: \$400K/year for five years; Total: \$2M

Project's Objectives:

The well-defined and focused project aims include: **1)** Increase the number of underrepresented STEM students entering graduate programs in nuclear sciences, nuclear engineering, and nuclear medicine through establishment of pipeline partnerships with graduate programs, **2)** Institution of scholarship, mentorship, and research opportunities creating a network of support for underrepresented STEM students, while also encouraging graduate degrees in the nuclear sciences after baccalaureate graduation through partnered, mentored activities, and **3)** Creating and sustaining a direct pipeline for underrepresented STEM students entering graduate level nuclear sciences occurs through establishment of industry partnerships, increased availability of offsite field trips, mentored, summer scholarly research opportunities, and seminar series.