Summer Research Experience for Undergraduates
Program Dates: May 30th—July 28th 2023

The objective of the CONNECT Undergraduate Research Experience is to provide students a multi-disciplinary environment to learn the science, politics & policies, as well as the technology enabling advancements in nuclear security. UTSA is recruiting high caliber undergraduate students from minority serving institutions across the country in their junior and senior years. Participants will be matched, depending on their interests, to laboratories and working groups of CONNECT faculty researchers, where they will receive mentorship from faculty, post-docs, graduate students and senior undergraduate students. The goal is to train students to think outside the box, to believe in the possibilities of their ideas, and to actualize those ideas by equipping them with the conceptual knowledge and hands-on skills useful to a career in nuclear science.

Areas of Research
- Policy (New!)
  - IAEA & Non-Proliferation
  - Public Policy and Administration
- Fuel Cycle Materials
  - Fabrication
  - Materials Property Determination
- Advanced Characterization and Forensics
  - Thermal Analysis
  - Optical photoacoustic spectroscopy
- Computational Modeling and Data Analytics
  - Big Data and Machine Learning
  - Uncertainty Quantification and Sensitivity Methods

Receive a Stipend of $5000
The CONNECT Summer URE Program plans to provide Room & Board, cover any travel expenses, well as provide a $5,000 stipend to applicants who are accepted into the 10 week program.
Other accommodations may be made on a case by case basis, as the CONNECT Program is prepping for a fully on-site Summer Program.

Eligibility Requirements
- Minimum 3.0 GPA
- Personal Computer and Internet
- US Citizen or Permanent Resident
- Completed a Minimum of 48 Credit Hours

Application / Deadline
Applications are due
March 21, 2023
Participant selection and mentor pairing will begin in March and continue until all positions are filled.
Application forms can be found at utsa.edu/physics/connect
And should be submitted to NNSACONNECT@utsa.edu