Through the synergy and leveraging of resources and expertise at three minority serving institutions and two world class national laboratories, we will educate scientists and engineers in the underlying science of nuclear security and nonproliferation.

**Vision of the CONsortium on Nuclear sECurity Technologies:**

Through the synergy and leveraging of resources and expertise at three minority serving institutions and two world class national laboratories, we will educate scientists and engineers in the underlying science of nuclear security and nonproliferation.

**Eligibility Requirements**

- Bachelor’s Degree in Physics, Engineering, or related field
- US Citizen or Permanent Resident

**Application / Deadline**

Applications are Open

Application Deadline: Graduate School deadline
[https://graduateschool.utsa.edu/index.html](https://graduateschool.utsa.edu/index.html)

Current UTSA Gradstudents are welcome to contact NNSACONNECT@utsa.edu

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**Areas of Research**

- **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
  - Visual Analytics
- **Detection Science**

**Program Overview**

UTSA is actively recruiting high caliber masters and PhD seeking students in Physics, Materials Science, Computer Science, and Engineering to participate as Graduate Research Assistants in a recently funded NNSA CONNECT Consortium. UTSA, in collaboration with St. Mary’s University, University of Nevada at Las Vegas, Los Alamos National Laboratory and Argonne National Laboratory is focused on the recruitment, scholarship, and leadership development of graduate students knowledgeable in areas surrounding nuclear science. The goal of CONNECT is to create pipeline of diverse, talented researchers who can fulfill the workforce needs of the DOE/NNSA mission. CONNECT is a sustainable training environment that provides comprehensive support for students as they transition into and proceed through graduate school and begin to develop as research professionals, ideally in the national laboratory system.