

Nuclear Security Education: The Intersection of Policy, Science, and Technology
July 19-23, 2010

Securing the future against nuclear threats is a daunting challenge, and a critical area in which national and international programs must provide sustainable actions and agreements to lessen nuclear threats. With the coming nuclear renaissance and the expected retirement of a high percentage of technical nuclear experts in the near future, it is more important than ever that we attract, recruit, and train top university students in the field of nuclear non-proliferation and related nuclear security fields. Such students, whether focused on technology or policy, will require an interdisciplinary education that includes a solid grounding in policy, science, and technology.

The University of Tennessee (UT) has one of the largest nuclear engineering programs in the country with approximately 300 students, a vibrant faculty in political science and related fields, and hosts the Howard H. Baker Jr. Center for Public Policy. With faculty well versed in non-proliferation issues and its proximity and good working relationship with Oak Ridge National Laboratory and the Y-12 National Security Complex, UT is well suited to promote an education that brings together elements of policy, science, and technology.

The partnership between the University of Tennessee and ORNL provides students with an opportunity to take policy courses in political science and international relations as well as nuclear engineering, and get "hands on training" in the laboratory.

In this workshop the participants will have an opportunity to discuss how UT and other U.S. universities can work together with the national laboratories to promote an interdisciplinary approach to help educate and train the next generation of nonproliferation and international safeguards experts.

This workshop, sponsored by the National Nuclear Security Administration's Office of Defense Nuclear Nonproliferation, is hosted by the Howard H. Baker Jr. Center for Public Policy. The conference will be an immersive experience, with only one track of presentations and with ample time each day for informal discussions and interactions between the participants. Preplanned social events in the evenings will further support the exchange of ideas. The objectives of the conference is not only information transfer, but also providing an environment wherein experts from disparate fields in the nuclear security enterprise can interact, mutually learn, and develop collaborative relationships.

Workshop location: Howard H. Baker, Jr. Center for Public Policy
1640 Cumberland Avenue
Knoxville, TN 37996

Number of attendees: Targeting 50, by application and invitation only

Dates: Arrive Monday, July 19. Registration reception will be held at Knoxville Downtown Hilton at 6:30 p.m. Meetings and events will take place from Tuesday, July 20 to Friday, July 23 at noon (allows for Friday evening departures).

Conference hotel: Knoxville Hilton
501 West Church Avenue
Knoxville, TN 37902
865-523-2300
Please use the code “**UTHBC**” when registering and be sure to register by June 19 to receive the special rate of \$80/night plus tax. All attendees should register at the Hilton, as the shuttle to the Baker Center will only leave from this location each day.

Meeting room site: Baker Center, Toyota Auditorium

Conference chairperson: Professor Howard Hall, Director for Baker Center Global Security Programs

Conference coordinators: **UT/Baker Center**

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