The University of Tennessee (UT) Department of Nuclear Engineering and the Howard H. Baker Jr. Center for Public Policy along with the Cooperative Monitoring Center at Sandia National Laboratories (CMC) are pleased to offer a six-week long course on nuclear safety, security, and safeguards (referred to as “3S”). This course will include lectures, hands-on demonstrations and experiments, table top exercises, tours of nuclear facilities, and a short research project (“capstone”) on a 3S topic. The course is designed to be useful to scientists, engineers, technicians, academicians, government regulators, and other officials. Taught by a team of experts in both the policy and technology aspects of 3S, and with broad international perspectives on the challenges facing operators and regulators, this course will benefit both new and experienced staff involved in the management of nuclear facilities and materials.

Initial course instruction will be primarily located at the University of Tennessee, but field trips and experimental demonstrations will include Oak Ridge National Laboratory, the UT Law Enforcement Innovation Center, and the UT Radiochemistry Center of Excellence.

Following instruction in Tennessee, participants will visit the Sandia National Laboratories, where they will participate in an extended technical exchange with subject matter experts, exploring both technical and political aspects of 3S, including implementation challenges. At the CMC, the fellows will receive briefings, tours, and participate in exercises on the 3S's. The participants will have three weeks of intensive mentoring and research sessions on a 3S topic of the student’s choice with Sandia experts, culminating in a presentation about their experience that is delivered to experts from Sandia National Laboratories.

The program will conclude with a visit to Washington, D.C. where the participants will present their Capstone projects to an audience of leading NGOs and policy makers.

**Important information**

**Venues:** Howard H. Baker Jr. Center for Public Policy, 1640 Cumberland Ave., Knoxville, Tennessee USA, and Cooperative Monitoring Center at Sandia National Laboratories, Albuquerque, New Mexico, USA, Washington, D.C., USA.

**Dates:** November 14 to December 21, 2016

**How to participate:** Applications for the workshop are being accepted by the University of Tennessee via email. Please send your application to Ms. Missy Hodge (LHODGE@UTK.EDU) before July 29, 2016.

**Funding:** This course is free for all accepted participants. Airfare, accommodation, a cost-of-living stipend, and related expenses will also be provided to all accepted participants.

**Website:** More information and application instructions can be found at bakercenter.utk.edu/3s.