

*Exceptional service in the national interest*



# Department 6821 Overview

Summer 2012

# INTERNATIONAL NUCLEAR Threat Reduction

*Innovative solutions for countering nuclear threats globally*

## Mission

The International Nuclear Threat Reduction (INTR) program enhances United States and international security by reducing nuclear threats through global engagement.

Using technical and analytical tools, the program addresses challenges posed by nuclear materials, facilities, and expertise, as well as underlying security motivations for weapons of mass destruction proliferation.

## TECHNICAL CAPACITY BUILDING



Strengthen capacities for technical engagement on nuclear safety, security, and safeguards (Gulf Nuclear Energy Infrastructure Institute (GNEII), Abu Dhabi, UAE).



Train foreign officials on commodities identification in support of global export control efforts (Beirut, Lebanon).



Promote the responsible use of nuclear material, technology, and expertise (training on safe and secure operation of nuclear research reactors, Rabat, Morocco).



Engage scientists through the Global Initiative for Proliferation Prevention (GIPP), (Food Safety Training, Iraq).

## TECHNOLOGY-BASED POLICY ANALYSIS



Collaborate with foreign research scholars and develop concepts for cooperative monitoring to reduce regional tensions. In addition, conduct Sandia research and analyses in support of program missions.



Develop creative, technically informed policy solutions that address nuclear threats and the underlying motivations for proliferation (India-Pakistan missile dismantlement transparency exercise, Sofia, Bulgaria).



## SYSTEMS DESIGN, TEST, AND EVALUATION



Demonstrate technologies and systems to address global security issues (Cooperative Monitoring Center, Albuquerque, New Mexico).



Evaluate commercial as well as prototype monitoring technologies and systems (Outdoor Test Facility, Sandia National Laboratories, New Mexico).

# Program Acronyms

- GIPP- Global Initiative for Proliferation Prevention (NA242)
- GNEII- Gulf Nuclear Energy Infrastructure Institute (NA241)
- INECP- International Nonproliferation Export Control Program (NA242)
- INSEP- International Nuclear Safeguards Engagement Program (NA241)
- MESIS- Middle East Scientific Institute for Security (formerly CMC@Amman) (NA24)
- PNS- Partnership for Nuclear Security (State CTR)
- CIT- Commodity Identification Training (NA242 and State EXBS)