

# Overview of National Security Programs

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# Mission Areas Overview

- Budget
  - Total budget: FY02-\$108M FY03-\$94M
  - National Security R&D: FY02-\$28M FY03-\$40M
  
- Mission Areas
  - Homeland Defense Support
  - Defense Support (Including SMC)
  - Nonproliferation Support
  - Intelligence Support

# Homeland Defense

- **Critical Infrastructure Assurance Initiative**
  - Critical Infrastructure Test Range
    - SCADA (Supervisory Control and Data Acquisition) Testbed
    - Next Generation Wireless Testbed
    - Cyber Security Testbed
  - Weapons of Mass Destruction Emergency Response Training
  - Physical Security

# Defense Support

- **Munitions Assessment Systems**
- **Command and Control**
- **Modeling, Simulation and Mission Planning**
- **Light Weight Armor**



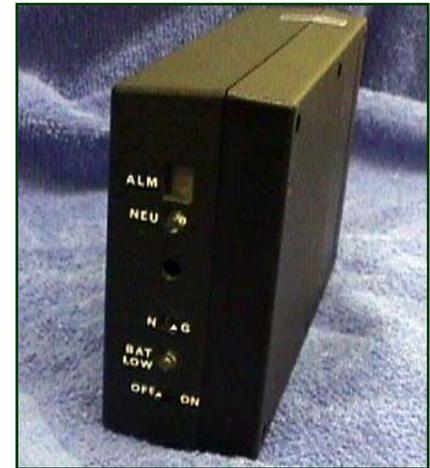
# Nonproliferation

- **International Threat Reduction and Environmental Security Programs**
  - Initiative for Proliferation Prevention
  - Radiation Dispersal Device
- **Sensor Development**
  - Portable Isotopic Neutron Spectroscopy
  - Secondary Ion Mass Spectrometry
- **Nuclear Materials Detection**



# Intelligence Support

- **Support to DOE Office of Intelligence and the Intelligence Community**
- **Rapidly growing program resulting from an excellent reputation in the Intelligence Community**
- **Leverage research from broad range of INEEL core capabilities**



# Cross Cutting Research and Development

Brucella DNA  
Signatures

Lithium Ion Battery  
Development

Advanced Control  
Architecture for Small and  
Micro-Robots

Idaho  
Accelerator  
Center

Detection Systems