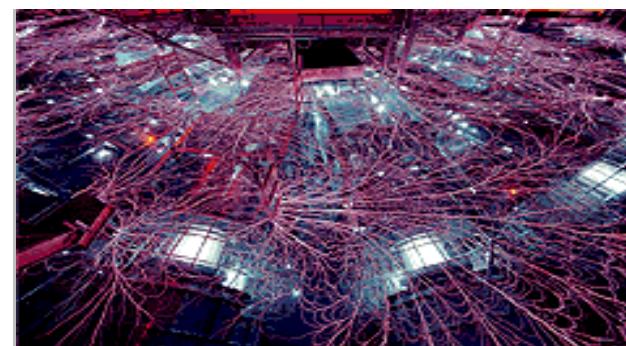


Exceptional service in the national interest



Sandia National Laboratories Overview Doug Wall

Our Business: National Security

Core purpose:

- To help our nation secure a peaceful and free world through technology

Highest goal:

- To become the laboratory that the United States turns to first for technology solutions to the most challenging problems that threaten peace and freedom for our nation and the globe



Heritage: Exceptional service in the national interest



Jerrold Zacharias, c1945,
led the transfer of the Z Division
to SNL from LANL



THE WHITE HOUSE
WASHINGTON

May 18, 1949

Dear Mr. Wilson:

I am informed that the Atomic Energy Commission intends to ask that the Bell Telephone Laboratories accept under contract the development of atomic energy at Los Alamos, New Mexico.

This operation, which is a continuation of the atomic energy work now being done at Los Alamos, will be of great national defense, and should have the best scientific direction possible.

I hope that after you have heard more in detail from the Atomic Energy Commission, your organization will find it possible to undertake this task. In my opinion you have here an opportunity to render an exceptional service in the national interest.

I am writing a similar note direct to Dr. O. E. Buckley.

Very sincerely yours,

Mr. Harry S. Truman,
President,
American Telephone and Telegraph Company,
195 Broadway,
New York 7, N. Y.

exceptional service in the national interest.



Sandia's Sites

Albuquerque, New Mexico



Kauai, Hawaii



Pantex, Texas



Livermore, California

WIPP, New Mexico

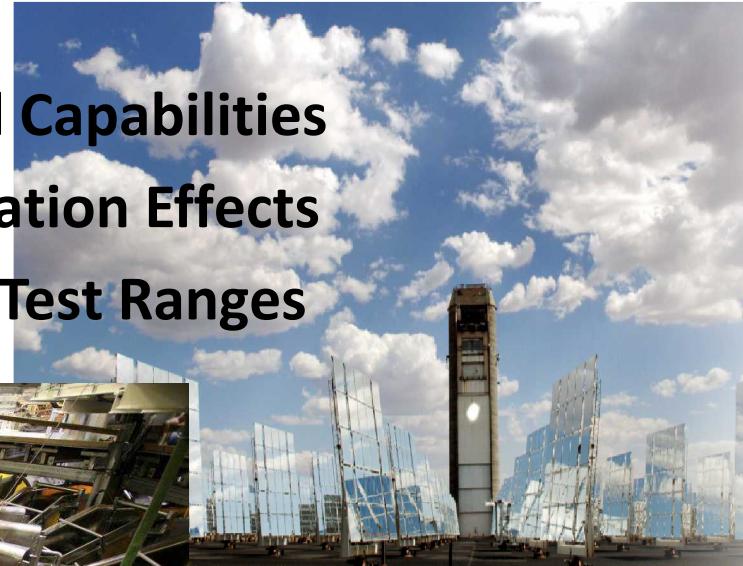


Tonopah, Nevada

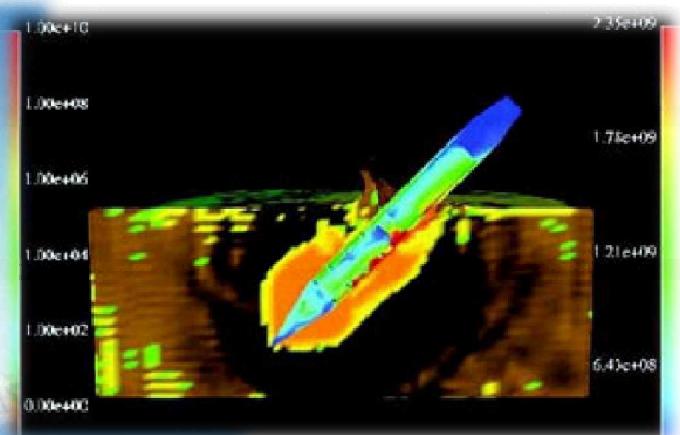
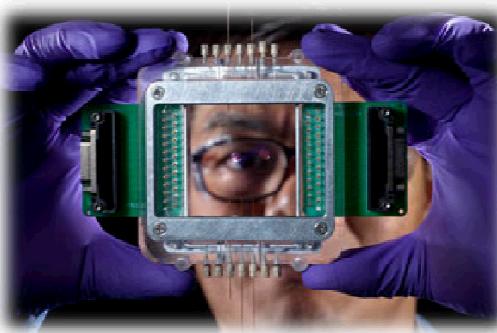


Unparalleled Facilities and Test Capabilities

- User Facilities
- Designated National Capabilities
- Z-Machine and Radiation Effects
- Large Scale Physical Test Ranges



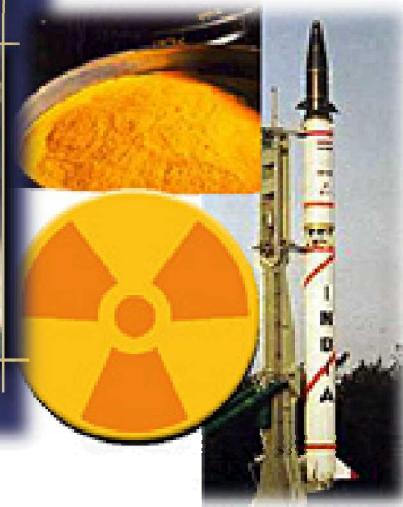
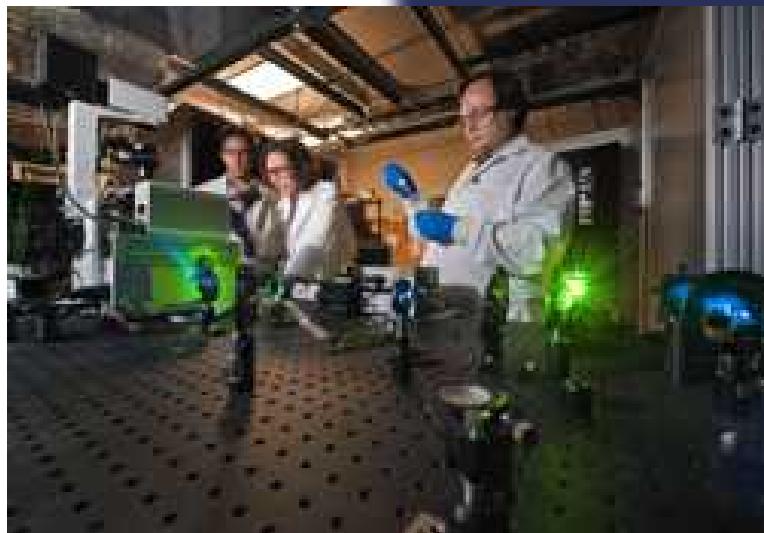
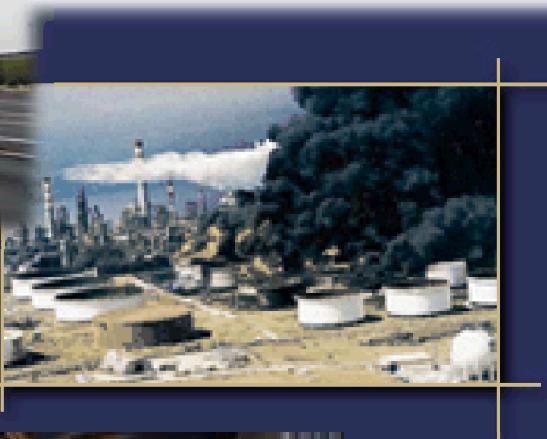
Nuclear Weapons



Energy, Climate, and Infrastructure Security



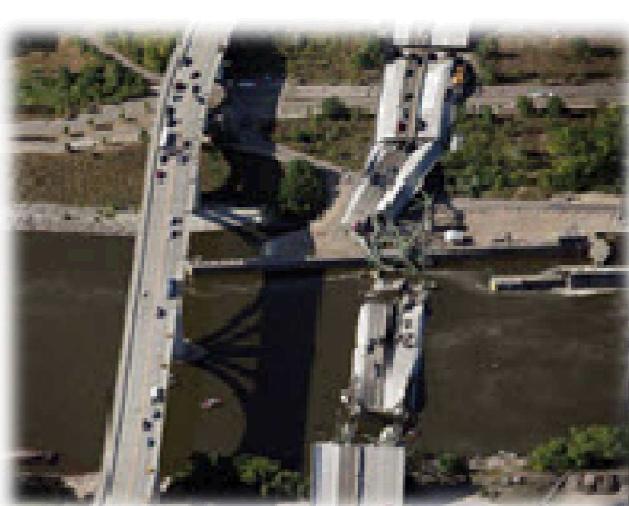
Nonproliferation



Defense Systems and Assessments



Homeland Security and Defense



MAC at Sandia



SNL/CA: MIDN Dahlke, MIDN Westland



SNL/NM: (left to right) USAFA Cadets Nelson & Rasfeld; Sandian, MIDN Swift, Sandian, MIDN Whippo

- Rising Juniors/Seniors eligible
- Challenging real-world, relevant hands-on projects with world class scientists
- Technical and professional growth
- Unique learning experience
- Contact MAC-Program@sandia.gov for more information

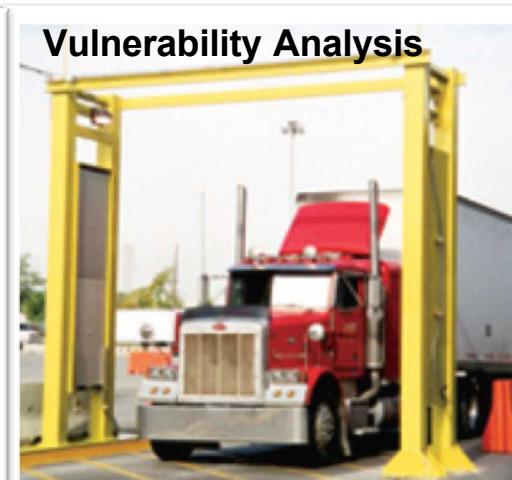
MAC 2012 Projects



Explosives Testing



Synthetic Aperture Radar



Vulnerability Analysis

- A wide range of projects are available at Sandia/NM and Sandia/CA.
- A sample of 2012 projects:
 - Explosives testing support
 - Vulnerability analysis (ports, DoD, infrastructure)
 - Aircraft Compatibility
 - Surface metrology
 - Malware tool analysis
 - Robotics
 - Synthetic Aperture Radar (SAR)

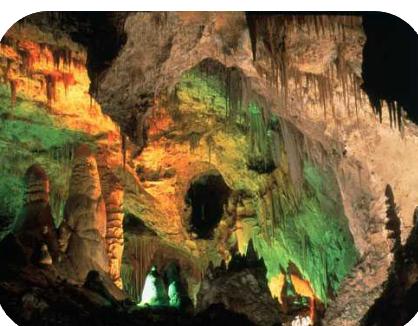


Aircraft Compatibility



Robotics

Albuquerque, New Mexico



- Hiking Trails (La Luz)
- National Monuments
- Albuquerque Isotopes Baseball
- Albuquerque BioParks
- Shopping and Dining
 - Old Town, ABQ Uptown
- Around NM:
 - Taos
 - Carlsbad Caverns
 - Roswell
 - Santa Fe
 - Jemez Mountains
 - White Water Rafting



Questions?

MAC-Program@sandia.gov