Addressing sophisticated cyber threats demands a multidisciplinary team with a unique mindset. Sandia provides challenging career opportunities for those with a passion to tackle the complexities of protecting critical systems.

The Sandia Difference

**SANDIA ENVIRONMENT**
At Sandia, you will have access to first-class, state-of-the-art facilities and equipment to develop advanced technologies. Sandia's unique work requires the collective, creative minds of the nation's top scientists, engineers, and support staff.

**LOCATION & WEATHER**
Sandia's principal sites are in Albuquerque, NM and Livermore, CA. You will find diverse cultural, sport, and outdoor activities amid countryside and climate that rank among the best in the country.

**NM:** Located in the foothills of the Sandia Mountains, Albuquerque is a city immersed in the vibrant Southwest culture. Experience a place where music, art, and history combine to give daily life a flavor all its own. Albuquerque is also a mecca for outdoor enthusiasts—take advantage of our sunny skies and go mountain biking, hiking, skiing, and rock climbing.

*U.S. News and World Report named Albuquerque one of the “Top 10 Places to Live,” in 2009 citing its clear skies, trails, and strong economy.*

**CA:** Uniquely situated at the edge of the world—the renowned San Francisco Bay Area, Sandia/California enjoys close proximity to first-tier universities, Silicon Valley companies, other cutting-edge labs and facilities, and a plethora of cultural and recreational opportunities.

*For more information or to apply online visit:*
INFORMATION SECURITY RESEARCH
Critical infrastructure, military systems, and other strategically important national security systems are becoming increasingly dependent on vulnerable networked computer systems. Protecting these systems against growing cyber threats will be one of the great challenges of the 21st century.

Relying on traditional firewalls, intrusion detection systems, and encryption alone are not effective against the rapidly evolving threats. The president has pledged that U.S. government computer networks will be “secure, trustworthy, and resilient,” and that his administration will do everything possible to “deter, prevent, detect, and defend against attacks.” Achieving these goals requires a dedicated, highly trained and well-managed workforce.

WHY SANDIA?
We work across the technology spectrum including embedded, mobile, desktop, and enterprise systems, as well as globally connected networks of networks. Come to Sandia and be part of a special, multidisciplinary team committed to solving the information security challenges facing our nation. Work on complex analysis problems to bring situational awareness to cyberspace. Use our in-house microelectronics foundry to design and prototype trusted hardware. Collaborate with industry to assess cyber risks to critical infrastructure facilities. Explore original ideas necessary to keep pace with the rapid changes in technology and the increasing sophistication of cyber threats.

STILL IN SCHOOL?
Sandia provides internship opportunities through the Center for Cyber Defenders program (CCD). In the CCD, high performing college students work on cutting-edge information assurance projects designed to share and expand knowledge in computer security and to develop potential employees. Visit http://www.sandia.gov/ccd/ for more information.

Sandia also has a variety of paid education programs that can allow you to pursue a graduate degree on a full-time basis while remaining on the payroll. Sandia will pay for tuition and relocation costs. Visit http://sandia.gov/careers for more information on the following programs.
- Truman Fellowship Program
- Masters Fellowship Program
- Critical Skills Masters Program

WANTED
People who are committed to the exploration of ideas, intrigued by our nation’s daunting technical challenges and dedicated to Sandia’s mission to protect our government and our infrastructures.

REQUIREMENTS
- B.S., M.S., or Ph.D. in Computer Science, Computer Engineering, Electrical Engineering, System Engineering, Mathematics, or equivalent
- Ability to obtain a DOE security clearance (U.S. Citizen)

INFORMATION SECURITY DOMAINS
- Red Teaming and Assessments
- Threat Analysis & Forensics
- Cryptography
- Vulnerability Analysis
- Control System Security
- Information Assurance
- Reverse Engineering
- Anti Tamper
- Embedded Systems
- Decision Sciences
- Trusted Systems Engineering

For more information or to apply online visit:
http://sandia.gov/careers
(Keyword “cyber research”)

Or email us at:
cybercareers@sandia.gov