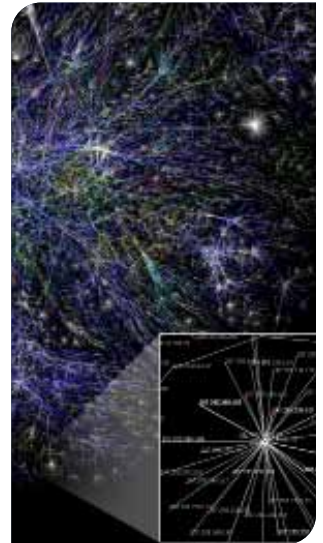


World-changing technologies.  
Life-changing **CYBER Research** careers.

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.

Apply Online: <http://sandia.gov/careers>



## The Sandia Difference

### 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.

CA: Livermore Valley is suburban living at its best in close proximity to the San Francisco Bay Area, a cultural and recreational hub with something for everyone.

NM: Located in the foothills of the Sandia Mountains, Albuquerque is a mecca for outdoor enthusiasts. Take advantage of 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.

### PAID EDUCATION PROGRAMS

Pursue a graduate degree on a full-time basis while remaining on the payroll. Sandia will pay for tuition and relocation costs.

### SANDIA ENVIRONMENT

Access first-class, state-of-the-art facilities and equipment to develop advanced technologies. Work with industry and other partners to defend our nation.



# A Career in Cyber Security Research

## 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.

Our country faces complex security risks and challenges. Relying on traditional firewalls, intrusion detection systems, and encryption alone are not effective against the rapidly evolving threats. The president has pledged that 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?

Come to Sandia and be part of a special, multidisciplinary team committed to solving the information security challenges facing our nation. We work across the technology spectrum including embedded, mobile, desktop, and enterprise systems, as well as globally connected networks of networks. 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. Work on challenging problems in a progressive learning environment!

## STILL IN SCHOOL?

Sandia provides opportunities through the Center for Cyber Defenders program, designed to share and expand knowledge in computer security and to develop potential employees. High performing college students for summer and year-round internships work on cutting-edge information assurance projects. Please visit: <http://www.sandia.gov/ccd/> for more information.



## WHO ARE WE LOOKING FOR?

We are looking for people who are 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

## INFORMATION SECURITY DOMAINS:

- Red Teaming and Assessments
- Threat Analysis
- Cryptography
- Vulnerability Analysis
- Control System Security
- Information Assurance
- Network Simulation and Modeling
- Decision Sciences
- Trusted Systems Engineering

**Apply Online**  
<http://sandia.gov/careers>

Valid through Dec 2009

**NM Job Req#63674**

**CA Job Req#63794**