DESCRIPTION
Sandia National Laboratories is a premier national security laboratory involved in a variety of research, development and engineering programs to help the nation secure a peaceful and free world through technology. We develop technologies to create an effective and sustainable nuclear deterrent, prevent the spread of weapons of mass destruction, protect our national infrastructures, defend our nation against terrorism, provide new capabilities to our armed forces, and ensure the stability of our nation’s energy and water supplies. Sandia’s research focus areas are: bioscience, computing and information science, engineering science, materials science, nanodevices and microsystems, radiation effects and high energy density physics, and geosciences. Our unique mission responsibilities in the nuclear weapons (NW) program create a foundation from which we leverage capabilities, enabling us to solve complex national security problems.

As a multidisciplinary national laboratory and federally funded research and development center (FFRDC), Sandia accomplishes tasks that are integral to the mission and operation of our sponsoring agencies by:

• anticipating and resolving emerging national security challenges
• innovating and discovering new technologies to strengthen the nation’s technological superiority
• creating value through products and services that solve important national security challenges
• informing the national debate where technology policy is critical to preserving security and freedom throughout our world

A strong science, technology, and engineering foundation enables Sandia’s mission through a capable research staff working at the forefront of innovation, collaborative research with universities and companies, and discretionary research projects with significant potential impact.

In keeping with our vision to be the nation’s premier science and engineering laboratory for national security and technology innovation, we recruit the best and the brightest, equip them with world-class research tools and facilities, and provide opportunities to collaborate with technical experts from many different scientific disciplines.

The excitement and importance of our work; an exemplary work environment; partnerships with academia, industry, and government; and our record of historic contributions help us attract exceptional staff. Our employees are recognized by their professional peers for their outstanding contributions.

Although most of Sandia’s approximately 10,000 employees work at Sandia’s headquarters in Albuquerque, New Mexico, or at its second principal laboratory in Livermore, California, others are working at various sites in the U.S. and abroad to deliver innovative and reliable solutions in a changing world.

We are currently looking for PhD (and highly qualified MS) candidates for full time positions majoring in the following areas:

• Aerospace engineering
• Chemistry and Chemical Engineering
• Computer Science
• Cybersecurity
• Electrical Engineering
• Materials Science
· Mechanical Engineering
· Nuclear Engineering
· Physics
· Systems Engineering

Required:
1. Minimum 3.5/4.0 graduate GPA
2. Minimum 3.2/4.0 undergraduate GPA
3. Ability to obtain a security clearance
4. Excellent critical thinking and analytical skills
5. Excellent written and oral communication skills

In addition, ideal candidates will have:
· The ability to work in a large team environment, be self-directed, innovative, and organized
· A track record of involvement in extracurricular activities, including professional associations
· Demonstrated leadership skills and an interest in working in a multidisciplinary laboratory environment.

LOCATION
City
Albuquerque
State/Province
New Mexico
Country
United States
City
Livermore
State/Province
California
Country
United States

DESIRED MAJOR(S)

DESIRED CLASS LEVEL(S)
Alumnus, Graduate Student