

Job ID 660397

Full/Part Time Part-Time

Location Albuquerque, NM

Regular/Temporary Temporary

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Qualifications We Require

You bring the confidence and skills to be eligible for the job by meeting these minimum requirements:

- Earned bachelor's degree
- Currently attending and enrolled full time (or scheduled to graduate in the spring) in an accredited graduate program
- Minimum cumulative GPA of 3.0/4.0
- Ability to work up to 40 hours per week during the summer
- U.S. citizenship

Additional Requirements:

- Must currently be pursuing a Master's degree in engineering (e.g., Fire Protection, Electrical, Mechanical, Civil, etc.)

Note: If you have not yet started your graduate program, please apply to an undergraduate intern position.

Qualifications We Desire

- Demonstrated ability to team across disciplines
- Ability to conduct research, investigate alternative solutions, and recommend solutions on problems affecting fire protection
- Understanding of applicable federal laws, regulations, and building and fire codes
- Knowledge of chemistry and understanding of how to use material safety data sheets (MSDS) to perform fire characterization analyses
- Knowledge of the scientific method to recognize and formulate hypotheses on fire scenarios, model these scenarios using computational fire dynamic simulation tools to perform fire hazards analyses, and performance-based engineering analyses
- Knowledge of fire and combustion sciences
- Understanding of fire dynamics modeling and hydraulic calculation software

About Our Team

The Building & Fire Safety Department at Sandia National Laboratories (SNL) is responsible for interpreting and enforcing Building Codes and managing the Corporate Fire Protection Program; serves as Sandia's delegated Building Official for all construction matters and Sandia's delegated Fire Code Official for all fire protection matters; and serves as Sandia's Facility Policy owner. In these broad roles, the department develops corporate policy and implementing plans, processes and procedures to efficiently and effectively meet regulatory and contractual requirements. SNL's physical infrastructure includes approximately 190,000 acres of land and accommodates approximately 1000 government-owned buildings totaling 7.5 million gross square feet. The department's oversight responsibility for fire protection includes SNL site operations in California, Nevada, and Hawaii. The Department of Building and Fire Safety is committed to protecting workers, the public, the environment, and property from fire and its related hazards.

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About Sandia

Sandia National Laboratories is the nation's premier science and engineering lab for national security and technology innovation, with teams of specialists focused on cutting-edge work in a broad array of areas. Some of the main reasons we love our jobs:

- Challenging work with amazing impact that contributes to security, peace, and freedom worldwide
- Extraordinary co-workers
- Some of the best tools, equipment, and research facilities in the world
- Career advancement and enrichment opportunities
- Flexible schedules, generous vacations, strong medical and other benefits, competitive 401k, learning opportunities, relocation assistance and amenities aimed at creating a solid work/life balance*

World-changing technologies. Life-changing careers. Learn more about Sandia at: <http://www.sandia.gov>

*These benefits vary by job classification.

Security Clearance

Position requires a Department of Energy (DOE)-granted L-level security clearance.

Sandia is required by DOE directive to conduct a pre-employment drug testing, and a pre-employment background review that includes personal reference checks, law enforcement record and credit checks, and employment and education verifications. Applicants for employment must be able to obtain and maintain a DOE L-level security clearance, which requires U.S. citizenship.

Applicants offered employment with Sandia are subject to a federal background investigation to meet the requirements for access to classified information or matter if the duties of the position require a DOE security clearance. Substance abuse or illegal drug use, falsification of information, criminal activity, serious misconduct or other indicators of untrustworthiness can cause a clearance to be denied or terminated by the DOE, rendering the inability to perform the duties assigned and resulting in termination of employment.

EEO

Equal opportunity employer/Disability/Vet/GLBT

What Your Job Will Be Like

We are seeking an Intern Summer - Technical Grad

The Building & Fire Safety Department within the Facilities and Emergency Management Center is looking for a summer graduate engineering student to support fire protection engineers in evaluations and projects.

On any given day, you may be called on to:

- Perform field inspections
- Evaluate various hazards
- Research codes and standards
- Initiate corrective actions
- Have exposure to the many aspects of planning, constructing and maintaining facilities for success of our National Security Programs