R&D S&E, Statistician (Early/Mid-Career)

Job ID 667386
sandia.gov/careers

Level Eligibility

This job posting is at the Member and Senior levels. Principal level employees may qualify, but will be moved into the Member or Senior level. Employees applying will be reviewed against the minimum qualifications of the job.

What Your Job Will Be Like

Are you interested in working at the best engineering lab in the world in Advanced Science and Technology translating research into product for the nation's security? Are you passionate about your work and dream of utilizing state-of-the-art facilities to explore solutions? Do you want to join a dynamic team that helps tackle some of the most challenging issues facing our nation's security? If so, keep reading about the opportunity we have below.

We are seeking a R&D S&E Statistician to join our team. Statisticians within the team participate as collaborators, principal investigators, and consultants in a broad range of activities that extend across and outside the Laboratories by guiding statistical expertise and support to all of Sandia mission areas. The activities include project participation (via statistical analysis and methodology development), applied research and development, instructing, and publishing. Areas of emphasis include design of experiments, industrial statistics, statistical quality control, probabilistic modeling and computer simulation, Bayesian statistics, spatial data analysis, functional data analysis, data mining, reliability and maintainability analysis, margin and uncertainty analysis, and metrology.

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

- Conduct and handle technical work and lead interdisciplinary teams in developing and implementing innovative statistical solutions to challenging National security problems.
- Increase Sandia’s capacity to conduct high quality interdisciplinary research across the lab.
- Work on interdisciplinary teams to provide statistical expertise on data collection and analysis, methodology development, and applied statistical research.

Qualifications We Require

Master's degree or higher in statistics or relevant field.

Qualifications We Desire

- Publication record indicative of relevant research expertise.
- Strong interest in or demonstrated capacity to team in an interdisciplinary R&D environment.
• Experience and comfort collaborating with scientists from varied backgrounds with a preference for experience working in an engineering environment.
• Proven ability to acquire, prepare, and characterize real-world data for subsequent analysis.

**About Our Team**

The Statistical Sciences department provides innovative statistical solutions to help solve the most challenging national security problems and are leaders in the advancement of statistical methods for national defense applications. Through research, teamwork, and education we inform the collection, analysis, and interpretation of data to help Sandia execute its missions. We develop and deploy statistical algorithms to significantly improve national security capabilities.

**Hiring Manager**

Adele Doser

**Security Clearance**

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

Sandia is required by DOE to conduct a pre-employment drug test and background review that includes checks of personal references, credit, law enforcement records, and employment/education verifications. Applicants for employment must be able to obtain and maintain a DOE Q-level security clearance, which requires U.S. citizenship. If you hold more than one citizenship (i.e., of the U.S. and another country), your ability to obtain a security clearance may be impacted.

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 DOE, resulting in the inability to perform the duties assigned and subsequent termination of employment.

**EEO**

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or veteran status.
DIRECTIONS TO APPLY:
1. Follow the link below to access our careers site.
2. Sign In to access your account or if you are not an existing user select the New User link to create one.
3. Review the job description and select the Apply button to begin your application.