R&D Statistician (Experienced)

We are seeking a R&D Statistician to join our team to conduct high quality interdisciplinary research across the lab. You would work on interdisciplinary teams to provide statistical expertise on data collection and analysis, methodology development, and applied statistical research. On any given day, you may be called on to conduct and manage technical work and lead interdisciplinary teams in developing and implementing innovative statistical solutions to challenging National security problems.

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.

EEO Statement:

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.

Required:

- MS degree in statistics or relevant field plus 3 years of experience or PhD in statistics or relevant field

Desired:

- 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
- Demonstrated ability to acquire, prepare, and characterize real-world data for subsequent analysis
- Experience dealing with computer models or complex mathematical models representing physical phenomenon and the associated statistical methodologies for uncertainty quantification in such models.
- Knowledge of approaches for calibration of computer model parameters.
- Knowledge of approaches for Bayesian computation such as MCMC, INLA and/or implementations in Stan/Nimble
- Exposure to Gaussian processes and model discrepancy

Security Clearance:

Position requires a Department of Energy (DOE) granted Q-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 Q-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.

Click [here](#) to apply!