Job IRC79253: Deputy Group Leader Computational Earth Science

What You Will Do

The Deputy Group Leader (DGL) will report to the Computational Earth Science (EES-16) Group Leader and will be responsible for supporting the Group Leader in scientific leadership and management as well as operation and administration of EES-16. The Computational Earth Science Group (EES-16) includes two teams, Subsurface Flow and Transport (SFT) and Applied Terrestrial Energy and Atmospheric Modeling (ATEAM). These teams combine basic and applied research to develop novel and integrated modeling and analysis platforms, including high performance modeling, to address practical problems for federal and industrial agencies. Projects within EES-16 address challenges in clean energy, carbon sequestration, sustainable unconventional fossil resource extraction, subsurface environmental remediation and management, surface and subsurface hydrology, geologic repositories, atmospheric and ecological processes, wildfire impacts, geothermal energy, and national security challenges. Applied math, data analytics and data integration methods for uncertainty quantification, quantitative decision analysis, decision support, and representation of complex physical processes are integral components to work in EES-16. Computational earth scientists in EES-16 work closely with geophysicists, geochemists, geologists, ecologists, geomechanics specialists, and other earth science specialists in other groups in EES division.

The EES-16 DGL is funded 50% for management activities and 50% for scientific and programmatic work. In their management role, the DGL will work closely with the Group Leader to advance the strategic and tactical planning of scientific programs, administer budgets and performance standards, manage facilities and operations, direct investments in program development, and work closely with staff to ensure proper mentoring, training, and career development. Workforce development and maintenance is essential for ensuring effective program execution and a vital future for EES-16. Therefore, forecasting staffing requirements, recruiting and retention of staff, adhering to action-oriented programs to address affirmative action placement goals, directing assignments, and monitoring performance are key activities the DGL will work with the GL on.

Fifty percent of the candidate's time will be funded by joining existing technical projects or developing new projects relevant to EES-16 where the candidate will play a technical or project leadership role. The successful candidate will also function as a key part of the Earth and Environmental Sciences Division Leadership Team, sharing responsibility for the objectives and

mission of the Division, including cross-organizational collaboration and strategic planning, sound management practices, and operational excellence.

What You Need

Minimum Job Requirements:

- Experience recruiting, mentoring, assessing the performance of, and supervising the technical work of scientific researchers.
- Experience implementing institutional policies and procedures as they relate to personnel management, budget oversight, safety, and security.
- Experience building collaborative projects and relationships across organizational boundaries.
- Experience proposing, developing, and sustaining research programs in areas relevant to computational earth science as listed in the first paragraph above.
- To cover the non-management 50% of work scope, the ability to contribute technically to one or more group projects or if an internal candidate, the ability to transition an existing project into EES-16 work activities.
- Demonstrated record of excellence and achievement in technical areas relevant to computational earth science as listed in the first paragraph above, evidenced by peer-reviewed publications, reports, seminars, briefings, and presentations.
- Ability to obtain a Q clearance, which usually requires US citizenship. See DOE Order 472.2 for additional information.

Desired Skills:

- Experience interfacing and managing relationships with external sponsoring organizations (DOE, NNSA, DoD, DHS, Industry, etc.).
- Experience in conflict resolution and in dealing with human performance issues.
- Experience with high-performance computing (HPC) or with projects that utilize HPC.

Notes to Applicants:

To apply go to: http://careers.lanl.gov and apply to job IRC 79253

Where You Will Work

Located in northern New Mexico, near Santa Fe, Los Alamos National Laboratory (LANL) is a multidisciplinary research institution engaged in strategic science on behalf of national security. LANL enhances national security by ensuring the safety and reliability of the U.S. nuclear stockpile, developing technologies to reduce threats from weapons of mass destruction, and solving problems related to energy, environment, infrastructure, health, and global security concerns.

Additional Details

Position does not require a security clearance. Selected candidates will be subject to drug testing and other pre-employment background checks.

New-Employment Drug Test: The Laboratory requires successful applicants to complete a new-employment drug test and maintains a substance abuse policy that includes random drug testing.

Equal Opportunity:
Los Alamos National Laboratory is an equal opportunity employer and supports a diverse and inclusive workforce. All employment practices are based on qualification and merit, without regards to race, color, national origin, ancestry, religion, age, sex, gender identity, sexual orientation or preference, marital status or spousal affiliation, physical or mental disability, medical conditions, pregnancy, status as a protected veteran, genetic information, or citizenship within the limits imposed by federal laws and regulations. The Laboratory is also committed to making our workplace accessible to individuals with disabilities and will provide reasonable accommodations, upon request, for individuals to participate in the application and hiring process. To request such an accommodation, please send an email to applyhelp@lanl.gov or call 1-505-665-4444 option 1.