Careers at Lawrence Livermore National Laboratory

Postdoctoral Research Staff Member - Cloud Processes Research and Modeling

Location: Livermore, CA
Category: Post Docs
Organization: Physical and Life Sciences
Posting Requirement: External Posting **Job ID:** 103513
Job Code: Post-Dr Research Staff 1 (PDS.1)
Date Posted: March 12 2018

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Science and Technology on a Mission!
For more than 60 years, the Lawrence Livermore National Laboratory (LLNL) has applied science and technology to make the world a safer place.

We have an opening for a postdoctoral researcher to work in the area of atmospheric general circulation model (GCM) development with the goal of improving the representation of clouds by implementing a novel adaptive vertical grid enhancement technique. This position is in the Cloud Processes Research and Modeling group in the Atmospheric, Earth, and Energy Division.

Essential Duties
- Conduct creative and independent ground-breaking model development pertaining to the representation of clouds and turbulence in atmospheric GCMs.
- Conduct analysis on the representation of clouds from atmospheric GCMs compared to observations.
- Publish research results in technical reports and peer-reviewed journals and present technical results at scientific conferences.
- Travel as required to coordinate research with collaborators.
- Pursue complementary research interests through independent collaborations with other scientists and technical staff both internal and external.
- Perform other duties as assigned.

Qualifications
- Recent PhD in atmospheric science or closely related discipline.
- Experience conducting research in atmospheric science or closely related discipline.
- Experience in atmospheric GCM development and/or analysis.
- Experience in cloud process research and/or cloud and turbulence parameterization.
- Experience with running and analyzing atmospheric numerical models.
- Proficient verbal and written communications skills as evidenced by published results and presentations.
- Ability to work independently as well as in multidisciplinary research teams and to collaborate productively with diverse scientific colleagues both internal and external to LLNL.

Related Jobs

- Postdoctoral Research Staff Member (103495)
- Postdoctoral Research Staff Member - Exascale/ Computational Materials Science (103470)
- Postdoctoral Research Staff Member -Electrocatalysis (103464)
- Postdoctoral Research Staff Member -Additive Manufacturing (103450)
- Postdoctoral Researcher - Laser Physics and Materials (103463)

http://careers-llnl.ttcportals.com/jobs/2586628-postdoctoral-research-staff-member-cloud-processes-research-and-modeling

Pre-Employment Drug Test: External applicant(s) selected for this position will be required to pass a post-offer, pre-employment drug test.
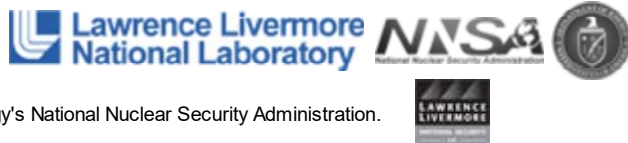
Security Clearance: None required.

Note: This is a two-year Postdoctoral appointment with the possibility of extension to a maximum of three years. Eligible candidates are recent PhDs within five years of the month of the degree award at time of hire date.

About Us

Lawrence Livermore National Laboratory (LLNL), located in the San Francisco Bay Area (East Bay), is a premier applied science laboratory that is part of the National Nuclear Security Administration (NNSA) within the Department of Energy (DOE). LLNL's mission is strengthening national security by developing and
applying cutting-edge science, technology, and engineering that respond with vision, quality, integrity, and technical excellence to scientific issues of national importance. The Laboratory has a current annual budget of about $1.8 billion, employing approximately 6,500 employees.

LLNL is an affirmative action/ equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, marital status, national origin, ancestry, sex, sexual orientation, gender identity, disability, medical condition, protected veteran status, age, citizenship, or any other characteristic protected by law.

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