## Ocean Modeling Postdoc

**Job Description:** Located in northern New Mexico, Los Alamos National Laboratory (LANL) is a center for research in a wide range of scientific disciplines, including climate science, space exploration, geophysics, renewable energy, supercomputing, medicine, and nanotechnology. The Computer, Computational, and Statistical Sciences (CCS) Division is a vibrant scientific research and development organization working in multiple mission areas of Los Alamos National Laboratory, including its climate program.

The Computational Physics Group, CCS-2, seeks a postdoctoral researcher to work on a project aimed at identifying controls on the strength and variability of the Atlantic Meridional Overturning Circulation (AMOC). In particular we are interested in quantifying the contribution of Agulhas Leakage to the heat and salt budget of the Atlantic through numerical simulation. The position is within HiLAT, a DOE-funded project to study regional and global impacts of high-latitude climate change.

For candidates interested in spending half-time on research of their choice, the possibility exists to pursue a joint appointment with LANL's Center for Nonlinear Studies (CNLS), which includes a dynamic community of postdocs focused on complex nonlinear problems.

The ideal candidate would have a background in large-scale computational oceanography, and an interest to work in an interdisciplinary team of climate scientists. But any strong candidate with an interest in physical oceanography, strong computational skills, and a doctorate in a relevant field like climate science, atmospheric science, computational science, mathematics or physics will be given serious consideration.

**Minimum Job Requirements:**

- Doctorate in physical oceanography, climate science, atmospheric science, computational science, mathematics, physics, or similar field.
- Strong computational skills.
- Interest in physical oceanography.
- Ability to effectively communicate technical work in presentations and peer-reviewed journals.

**Desired skills:**

- Background in large-scale computational oceanography.
- Interest to work in an interdisciplinary team of climate scientists

**Education:** PhD in relevant field completed within the past five years, or soon to be completed.

**Notes to Applicants:** In addition to applying on-line at http://www.lanl.gov/careers/career-options/jobs/index.php (Job # IRC51660), interested candidates should send their application package (cover letter, curriculum vitae, statement of research interests, and names and contact information of three references) to Wilbert Weijer (wilbert@lanl.gov). Review of applications will start October 3, 2016, and continue until the position is filled.

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

Exceptional candidates may be considered for a Director's Fellowship and outstanding candidates may be considered for the prestigious Marie Curie, Richard P. Feynman, J. Robert Oppenheimer, or Frederick Reines Fellowships.

For general information to the Postdoc Program go to http://www.lanl.gov/careers/career-options/postdoctoral-research/index.php