

JPL Postdoctoral position in physical oceanography

Responsibilities

We invite applications for a postdoctoral research position in the Jet Propulsion Laboratory's Ocean Circulation and Air-Sea Interaction Group of the Earth Science Section (329B). The successful candidate will work with Dr. Lee-Lueng Fu on the use of high-resolution ocean general circulation models to study the dynamics of ocean circulation at the mesoscale to submesoscale as well as internal tides and internal gravity waves, with emphasis on simulating satellite observations with a goal to disentangle the signals of low-frequency balanced and high-frequency unbalanced motions from the noisy and irregularly sampled observations. The results are anticipated to be applied to future satellite altimetry missions.

Qualifications

Candidates must have a recent PhD in physical oceanography with working knowledge in the dynamics of ocean circulation at the mesoscale to submesoscale, preferably also in the dynamics of internal tides and internal gravity waves. Expertise in numerical ocean modeling and data assimilation is desired. Candidates who have received PhD for less than five years are eligible. Postdoctoral Scholar positions are awarded for a minimum of one-year period and may be renewed up to a maximum duration of three years.

Interested and qualified applicants are encouraged to submit

Curriculum vitae

A brief statement of research interests

Names and email addresses of 3 references

to Staffing@jpl.nasa.gov or

Jet Propulsion Laboratory,
Attention: Staffing and Employment Programs,
[4800 Oak Grove Drive](#),
Mail Stop T1720C,
Pasadena, CA 91109

Before May 31st, 2018, with copies to llf@jpl.nasa.gov

About JPL employment

JPL is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law.

JPL is a VEVRAA Federal Contractor. For more information about "EEO is the Law" click here:

http://www.eeoc.gov/employers/upload/eeoc_self_print_poster.pdf

The Jet Propulsion Laboratory is a federal facility. Due to rules imposed by NASA, JPL will not accept applications from citizens of designated countries unless they are Legal Permanent Residents of the U.S or have other protected status under [8 U.S.C. 1324b\(a\)\(3\)](#). The Designated Countries List is available at https://oiir.hq.nasa.gov/nasaecp/docs/DCList_2-12-2018.pdf