

Postdoctoral Fellowship in

IONOSPHERIC/ATMOSPHERIC SCIENCE

APPLIED RESEARCH LABORATORIES
The University of Texas at Austin

The Space and Geophysics Laboratory (SGL) of the Applied Research Laboratories, The University of Texas at Austin (ARL:UT) wishes to invite applications for one or more postdoctoral fellowship positions. SGL is actively involved in 3DVAR data assimilation software and radio astronomy. SGL also has several programs to develop new ground-based and space-based ionospheric instruments and data sources, including constellation-based DORIS receivers.

Applicants should have a recent Ph.D. in physical science and experience with 3DVAR or similar modeling. Individuals with research experience with UV airglow data are desired but all candidates are encouraged to apply. Advanced computer programming and algorithm skills are essential. SGL's ionosphere specification code base is a mixture of object-oriented Fortran, Java, XML and Python. The successful applicant should demonstrate strong potential both as an independent researcher and as a small team (2-5 people) collaborator.

The appointment is contingent upon the completion of the requirements for a Ph.D. (but is also open to candidates with some post-doctoral experience) and will be for an initial period of one year with the possibility of renewal for an additional year. Candidates will be expected to work primarily on the modeling effort, but encouraged to develop new programs in areas of their expertise. Outstanding recipients may be considered for staff positions at the completion of their appointment. U.S. citizenship is required. Subject to a government security investigation and must meet eligibility requirements for access to classified information. All positions are security sensitive and a background investigation will be conducted.

Salary Range: determined by experience and qualifications. Excellent fringe benefits.

Candidates should submit a curriculum vitae (with citizenship indicated), publication bibliography, three letters of reference, and a copy of two recent papers or manuscripts to

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The University of Texas is an affirmative action equal opportunity employer. Women and minorities are encouraged to apply.