

Jack Eddy Postdoctoral Fellowships

Application deadline: 17 January 2014

UCAR Visiting Scientist Programs announces the 2014 call for applications to the Jack Eddy Postdoctoral Fellowships, sponsored by the NASA Living With a Star (LWS) program. The fellowships are designed to train the next generation of researchers in the emerging field of Heliophysics.

Heliophysics embraces all science aspects of the Sun-Solar System, and includes many of the basic physical processes found in our solar system, the laboratory, and throughout the universe. These processes generally involve the interactions of ionized gases (plasmas) with gravitational and electromagnetic (both radiation and DC) fields, and with neutral matter. The physical domain of interest ranges from deep inside the Sun to the Earth's upper atmosphere. Within this broad science discipline, LWS is a program designed to develop the scientific understanding required for the Nation to address effectively those aspects of the Sun-Earth system that affect life and society.

Two major topics of focus for LWS are the science of **space weather** and of the **Sun-climate connection**. Preference will be given to applicants whose proposed research addresses one of these two foci; but any research program relevant to LWS is considered.

Since the goal of this postdoctoral program is to train Sun-Earth system researchers, preference is also given to research projects that cross the traditional Heliophysics subdomains of the Sun, heliosphere, magnetosphere, and ionosphere/upper atmosphere, as well as Sun-climate investigations. Therefore, proposals addressing the LWS program that are interdisciplinary are encouraged.

In order to succeed at such cross-disciplinary research, the host mentoring scientist plays a critical role. Consequently, applicants must select a host scientist, who is different from the candidate's PhD advisor (preferably at a different institution), and coordinate a joint application with the potential host scientist and institution.

- Potential host scientists are required to submit letters of intent and vita as part of the selection process. Hosts are expected to mentor the fellow, provide a reasonable office environment, which may include a workstation, and any other unique research costs.
- Applicants to this postdoctoral program are expected to have had a PhD for no more than three years at the start of tenure. A UCAR steering committee selects the fellows.

Jack Eddy fellows are UCAR employees and receive a fixed annual salary plus UCAR's benefits (health and dental insurance, paid time off, paid holidays, TIAA/CREF retirement fund, and life insurance). A relocation allowance and an allowance for travel during the appointment are provided. The deadline for applications is **17 January 2014**. Appointments will be announced in March.

For additional information and instructions on how to apply, please visit the Heliophysics website: **www.vsp.ucar.edu/Heliophysics**

NASA Living With a Star, Heliophysics Division sponsors this program. The University Corporation for Atmospheric Research is an EE/AE who values and encourages diversity in the workplace.