zintellect
climb higher

Opportunity Title: Heliophysics Science: Correlative Studies in Sun-Earth-Connection Physics
Opportunity Reference Code: 0016-NPP-MAR26-GSFC-HelioSci

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0016-NPP-MAR26-GSFC-HelioSci

How to Apply All applications must be submitted in Zintellect

Please visit the NASA Postdoctoral Program website for application instructions and requirements: How to Apply | NASA Postdoctoral Program (orau.org)

A complete application to the NASA Postdoctoral Program includes:

1. Research proposal
2. Three letters of recommendation
3. Official doctoral transcript documents

Application Deadline 3/1/2026 6:00:59 PM Eastern Time Zone

Description **About the NASA Postdoctoral Program**

The NASA Postdoctoral Program (NPP) offers unique research opportunities to highly-talented scientists to engage in ongoing NASA research projects at a NASA Center, NASA Headquarters, or at a NASA-affiliated research institute. These one- to three-year fellowships are competitive and are designed to advance NASA's missions in space science, Earth science, aeronautics, space operations, exploration systems, and astrobiology.

Description:

Research opportunities in correlative data analysis exist in the areas of solar wind-magnetosphere-ionosphere coupling, and the structure and dynamics of the magnetosphere and magnetospheric substorms. Studies are possible from the accumulating data bases of Wind, Polar, Geotail, ACE, Cluster, FAST, IMAGE, IMP-8, Interball, SAMPEX, and Ulysses as well as older missions such as DE, Hawkeye, and ISEE. The CDAWeb system can be used to look at data on various time scales from current and recent SEC missions. Older mission data can be accessed from the NSSDC archives. Future data from Living with a Star and Solar Terrestrial Probes will be utilized as these data become available. Use of the SSCWeb system to find favorable intervals for correlative analysis is emphasized.

The Space Physics Data Facility (SPDF) manages a variety of science data programs closely involved with the SEC data. Specific SPDF programs include the CDAWeb data access system (and underlying CDAWlib software in IDL); the Satellite Situation Center and SSCWeb system; a wide range of activities to support SEC and future missions; and more general issues in data system definition, standards, and architectures.

Location:

Opportunity Title: Heliophysics Science: Correlative Studies in Sun-Earth-Connection Physics
Opportunity Reference Code: 0016-NPP-MAR26-GSFC-HelioSci

Goddard Space Flight Center
Greenbelt, Maryland

Field of Science: Heliophysics Science

Advisors:
Larry Kepko
Larry.Kepko@nasa.gov
301-286-2728

Shing F. Fung
Shing.F.Fung@nasa.gov
301-286-6301

Yihua Zheng
Yihua.Zheng@nasa.gov
301-286-0111

Hyunju Kim Connor
Hyunju.k.connor@nasa.gov
301.286.7417

Applications with citizens from Designated Countries will not be accepted at this time, unless they are Legal Permanent Residents of the United States. A complete list of Designated Countries can be found at: https://www.nasa.gov/oiir/export-control.

Eligibility is currently open to:

- U.S. Citizens;
- U.S. Lawful Permanent Residents (LPR);
- Foreign Nationals eligible for an Exchange Visitor J-1 visa status; and,
- Applicants for LPR, asylees, or refugees in the U.S. at the time of application with 1) a valid EAD card and 2) I-485 or I-589 forms in pending status

Questions about this opportunity? Please email npp@orau.org

Point of Contact Mikeala

Eligibility Requirements
- **Degree:** Doctoral Degree.