Opportunity Title: Heliophysics Science: Energy, Momentum, and Particle Entry into the Magnetosphere
Opportunity Reference Code: 0023-NPP-NOV26-GSFC-HelioSci

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0023-NPP-NOV26-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 11/1/2026 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:

Recent spacecraft data are being investigated in an attempt to elucidate the mechanisms through which solar-wind, energy, momentum, and particles enter the Earth's magnetosphere. Topics include studies of the polar cusp, the magnetopause, the plasma sheet, the tail lobe, and the plasma mantle and various boundary layers. Such studies are conducted collaboratively using multipoint measurements of magnetic field, plasmas, and electromagnetic waves on a number of different spacecraft. Of special interest are the complex energy and momentum transfer processes that result in the formation and maintenance of the geomagnetic tail and embedded plasma sheet.

Location:
Goddard Space Flight Center
Greenbelt, Maryland

Field of Science: Heliophysics Science

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Applications with citizens from Designated Countries will not be accepted at this time, unless they are Legal Permanent Residents of

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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.