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Opportunity Title: Heliophysics: Studying Energetic Particles in the Heliosphere
Opportunity Reference Code: 0130-NPP-NOV26-GSFC-HelioSci

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0130-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.

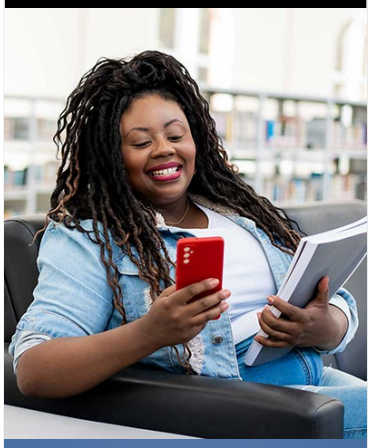
Description:

This is a general opportunity for a candidate fellow studying energetic particles (neutral or charged) in the heliosphere. The candidate fellow will work independently on these topics in consultation with members of the advisory group. The scope of the opportunity includes, but is not limited to the following areas: studies of shock acceleration in the heliosphere; studies of turbulent heating of charged particles in the solar wind; studies of relativistic electrons in the magnetosphere; studies of the interstellar boundary region related to IBEX and Voyager observations; studies of the origins of anomalous cosmic rays; studies of Solar Energetic Particles transport and acceleration interactions of heliospheric, magnetospheric, and local interstellar radiation with planetary bodies; study impacts and mitigation of energetic particle interactions on human exploration of the solar system.

These studies can be via data analysis, theory, or simulation. There is also an active program in energetic particle instrument development, and applicants with hardware experience and interest are welcome. Please note that the examples above are not all inclusive and that any study of energetic particles in the heliosphere falls within the scope of this opportunity.

NPP NASA Postdoctoral Program

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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 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

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

Point of Contact Mikeala

Eligibility Requirements

- **Degree:** Doctoral Degree.