

Opportunity Title: Planetary Magnetic Fields

Opportunity Reference Code: 0063-NPP-NOV26-GSFC-PlanetSci

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0063-NPP-NOV26-GSFC-PlanetSci

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:

Magnetic fields inform us about many aspects of planets and plasmas. Using observations from magnetometers on spacecraft we can learn about an object's core, whether it has oceans or aquifers, and how its atmosphere interacts with the solar wind. For example we can use MAVEN data to examine how the solar wind might have eroded away the martian atmosphere over billions of years, Juno data to probe the origin of Jupiter's internal magnetic field and powerful magnetosphere, or Parker Solar Probe data to understand the origins of the solar wind. The candidate would have the opportunity to work with existing spacecraft data to conduct data analysis of these topics and to use science to better understand how planets and plasmas work.

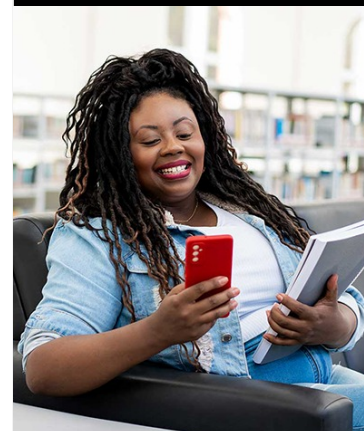
Location:

Goddard Space Flight Center
Greenbelt, Maryland

Field of Science: Planetary Science

Advisors:

Jared Espley



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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

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

Point of Contact [Mikeala](#)

Eligibility Requirements • **Degree:** Doctoral Degree.