Opportunity Title: Investigations of Middle/Upper Atmospheres and Exospheres Across the Solar System
Opportunity Reference Code: 0312-NPP-MAR26-GSFC-PlanetSci

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0312-NPP-MAR26-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 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:

This opportunity solicits science proposals for the analysis of NASA mission data to study the middle/upper atmospheres and exospheres of planetary bodies in the Solar System. Proposals may focus on the atmospheres of the terrestrial planets, the upper atmospheres of the giant planets, the atmosphere of Titan, and/or the surface-bound exospheres of planets and moons throughout the Solar System, with the objective of characterizing the current state of and important processes governing target atmospheres and their evolution through time. Key focus areas include atmospheric (photo)chemistry, dynamics and transport, and escape. Proposed science objectives should align with the science objectives of current NASA missions and/or support NASA in its preparation for future mission success. The data supporting proposed science objectives may consist of in situ observations, such as those obtained by mass spectrometers or from atmospheric drag measurements, and/or remote sensing observations, such as those obtained by infrared and ultraviolet spectrometers. The incorporation of simple analytical or more complex 1D/3D numerical models is highly encouraged to aid in proposed data analysis and interpretation.

Field of Science: Planetary Science

Advisors:

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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.