Opportunity Title: Environmental atmospheric processes near the surface of Mars
Opportunity Reference Code: 0243-NPP-MAR26-JPL-PlanetSci

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0243-NPP-MAR26-JPL-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:

An opportunity is offered to study the physics of atmospheric processes near the surface of Mars especially, but not necessarily limited to, Perseverance and Curiosity. The work will consist in scientific analysis of the data collected by the environmental stations landed on that planet. The goal is to understand some of the many processes driving how the environment evolves or how it interacts with the surface. Candidates should have a background in physics and thermodynamics of atmospheres, physics or applied mathematics. They should also be willing to collaborate with a large group of scientists of the field of planetary atmospheres. Some expertise with programming in python would be helpful at the start. This opportunity also includes the option for additional training through the possibility to include occasional participation in mission operations if desired to propose new experiments or observations.

Field of Science: Planetary Science

Advisors:
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Applications with citizens from Designated Countries will not be

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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.