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Opportunity Title: Space Science: Theoretical and Experimental Studies of Planetary Atmospheres
Opportunity Reference Code: 0026-NPP-MAR26-ARC-PlanetSci

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0026-NPP-MAR26-ARC-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 4/2/2026 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:

Theoretical and experimental research on the physics of atmospheric processes is being conducted to resolve important problems in the structure and evolution of planetary atmospheres. Studies focus on (1) general circulation of the Martian and Venusian atmospheres; (2) climate changes on Mars; (3) structure, composition, and evolution of the atmospheres of Titan and Triton; (4) vertical structure and cloud physical processes in atmospheres of the outer planets; (5) analyses of Voyager imaging data to infer cloud and aerosol properties; (6) data analysis from the Galileo entry probe in the atmosphere of Jupiter; (7) physics and chemistry of clouds on Titan and Venus; (8) electrical processes in planetary atmospheres; and (9) evolution of planetary atmospheres.

Reference

McKay CP: Planetary and Space Science 49: 79, 2001

Location:
Ames Research Center
Moffet Field, California

Field of Science: Planetary 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.