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Opportunity Title: Atmospheric Chemistry and Climate Connections
Opportunity Reference Code: 0018-NPP-MAR26-GISS-EarthSci

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0018-NPP-MAR26-GISS-EarthSci

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 is closed to applicants who are Senior Fellows (5-years or more past PhD).

Atmospheric chemistry is inextricably linked to climate. Many reactive atmospheric constituents influence radiation and clouds. Meteorology transports short lived climate forcers and their precursors as well as influences their removal from the atmosphere and emission from natural sources like vegetation and lightning. Emissions of short and long-lived climate forcers and their precursors also change with human activity. We investigate the influence of the interplay between anthropogenic and natural processes on reactive gases and aerosols on global scales and timescales of years to millennia. This research opportunity seeks applicants that are interested in global-scale gaseous chemical mechanism development related to ozone, methane, reactive carbon and nitrogen species, and investigating Earth system processes related to vegetation, the ocean, fires, and/or ice, and the impacts on oxidation, air pollution, climate forcing, and stratospheric processes, such as heterogeneous chemistry and multiphase chemistry, via atmospheric chemistry. A strong background or interest in modeling is required.

Field of Science: Earth 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

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

Point of Contact Mikeala

Eligibility Requirements

- **Degree:** Doctoral Degree.