

Opportunity Title: Airborne Trace Gas Measurements

Opportunity Reference Code: 0043-NPP-NOV23-ARC-EarthSci

Organization

National Aeronautics and Space Administration (NASA)

Reference Code

0043-NPP-NOV23-ARC-EarthSci

Application Deadline

11/1/2023 6:00:59 PM Eastern Time Zone

Description

NASA Ames Research Center is looking for a postdoctoral assistant to join our Trace Gas measurement group. We collect in-situ carbon dioxide, methane, ozone and formaldehyde measurements from an airborne platform, and the successful candidate will be responsible for ongoing operation and calibration of one or more instruments. Candidates with interest in tropospheric composition or carbon cycle science and experience in one or more of the following measurement foci are encouraged to apply:

- in-situ measurements of NO₂
- laser-based CO₂ and CH₄ measurements
- airborne optical trace gas measurements
- greenhouse gas flux measurements and analysis
- high-resolution infrared spectroscopy, both hardware and data analysis

Previous laboratory and/or field experience is required. Experience with a variety of data analysis software packages is advantageous. Development of secondary projects which foster collaborations with other researchers at NASA Ames is also encouraged.

Position Requirements:

- PhD in the physical sciences, preferably Chemistry, Physics, or Atmospheric Sciences.
- Experience working with analytical instrumentation.
- Ability to work as a member of a team on various projects.
- Good written and verbal communication skills.

Occasional deployment travel may be necessary.

Location:

Ames Research Center
Moffet Field, California

Field of Science:Earth Science

Advisors:

Laura T. Iraci
Laura.T.Iraci@nasa.gov
650-604-0129

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,

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- 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

Eligibility Requirements

- **Degree:** Doctoral Degree.

NPP

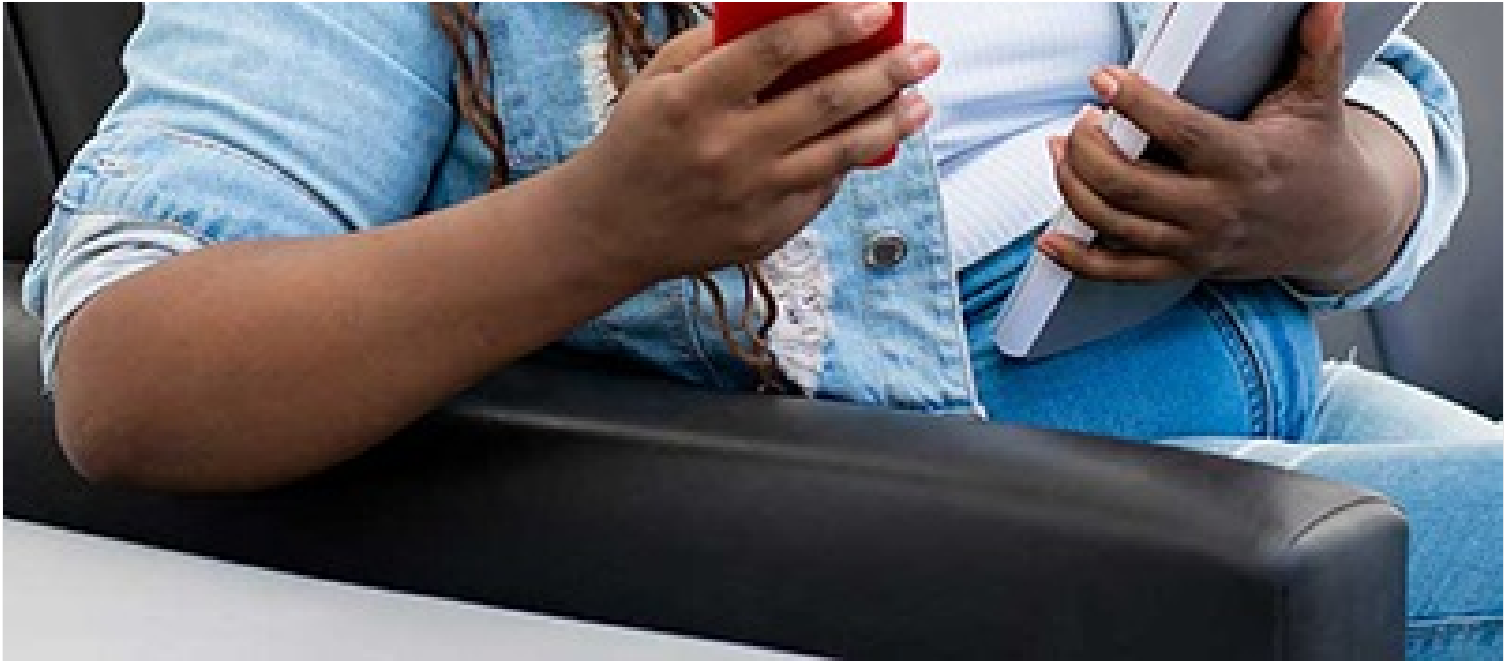
NASA Postdoctoral Program

 ORAU Pathfinder



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