

**Opportunity Title:** Space Science: Theoretical and Experimental Studies of Planetary Atmospheres

**Opportunity Reference Code:** 0026-NPP-NOV23-ARC-PlanetSci

**Organization** National Aeronautics and Space Administration (NASA)

**Reference Code** 0026-NPP-NOV23-ARC-PlanetSci

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

**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

**Advisors:**

Natasha Batalha  
natasha.e.batalha@nasa.gov  
650-604-2813

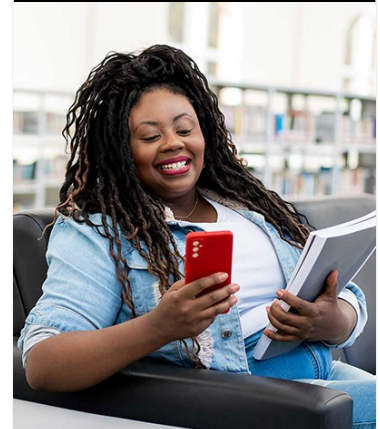
Amanda Brecht  
amanda.s.brecht@nasa.gov  
650-604-2983

Anthony Colaprete  
anthony.colaprete-1@nasa.gov  
650-604-2918

Sonny Harman  
sonny.harman@nasa.gov  
650-604-1671

Jeffery Hollingsworth  
jeffery.l.hollingsworth@nasa.gov  
650-604-6275

Melinda A. Kahre  
melinda.a.kahre@nasa.gov



Whether you are just starting your career or already at a senior level, ORAU offers internships, fellowships, research opportunities, and contract positions that can provide you with invaluable experience. Download the ORAU Pathfinder mobile app and find the right opportunity to propel you along your career path!

Visit ORAU Pathfinder [↗](#)



**Opportunity Title:** Space Science: Theoretical and Experimental Studies of Planetary Atmospheres

**Opportunity Reference Code:** 0026-NPP-NOV23-ARC-PlanetSci

650-604-3863

Chris McKay  
chris.mckay@nasa.gov  
650-604-6864

Robert John Wilson  
Robert.J.Wilson@nasa.gov  
650-604-0026

Kevin Zahnle  
Kevin.J.Zahnle@nasa.gov  
650-604-0840

**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

**Eligibility Requirements** • **Degree:** Doctoral Degree.