

Opportunity Title: Planetary Mineralogy and Petrology

Opportunity Reference Code: 0011-NPP-NOV26-JSC-Cosmochem

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0011-NPP-NOV26-JSC-Cosmochem

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 11/1/2026 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:

I am currently seeking highly motivated postdoctoral candidates interested in pursuing research in planetary mineralogy and petrology through the analysis of astromaterials and/or through experimental petrology. Specifically, I seek candidates interested in determining the abundances and roles of volatiles (H₂O, F, Cl, S, C, N) in magmatic systems within terrestrial planetary bodies, including Earth, Moon, Mars, Venus, Mercury, and asteroids. Additionally, I seek candidates interested in determining the thermal and magmatic evolution of terrestrial planets under a variety of conditions relevant to planet formation from core formation to crust formation.

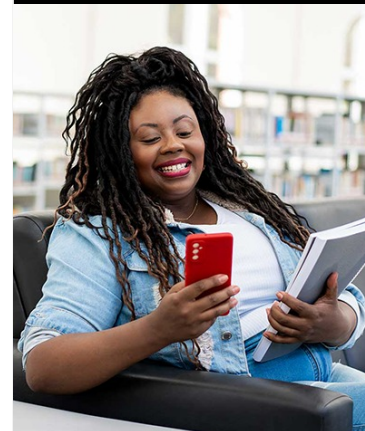
Location:

Johnson Space Center
Houston, Texas

Field of Science: Cosmochemistry

Advisors:

Francis McCubbin
Francis.M.McCubbin@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: Planetary Mineralogy and Petrology

Opportunity Reference Code: 0011-NPP-NOV26-JSC-Cosmochem

281-483-5126

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@ornl.gov

Point of Contact [Mikeala](#)

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