

**Opportunity Title:** Planetary Mineralogy and Petrology

**Opportunity Reference Code:** 0011-NPP-MAR26-JSC-Cosmochem

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

**Reference Code** 0011-NPP-MAR26-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 \(oua.org\)](#).

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:**

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 (H<sub>2</sub>O, 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



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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@orau.org](mailto:npp@orau.org)

**Point of Contact** [Mikeala](#)

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