

**Opportunity Title:** Planetary Mineralogy and Petrology

**Opportunity Reference Code:** 0011-NPP-NOV23-JSC-Cosmochem

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

**Reference Code** 0011-NPP-NOV23-JSC-Cosmochem

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

**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

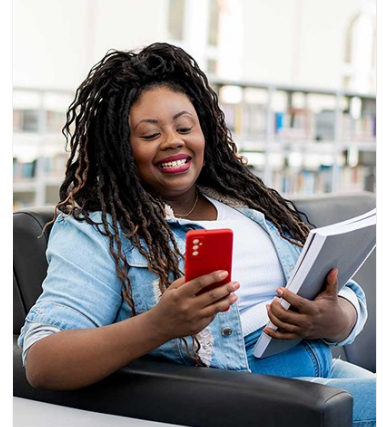
**Advisors:**

Francis McCubbin  
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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

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



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