Opportunity Title: The Nature of Early Solar System and Presolar materials
Opportunity Reference Code: 0008-NPP-NOV23-JSC-PlanetSci

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0008-NPP-NOV23-JSC-PlanetSci

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

Description Mineralogical and petrographic studies of extraterrestrial materials are performed at nanometer scales using primarily transmission electron microscopy techniques. Current research focuses on the studies of primitive early solar system materials preserved in meteorites and interplanetary dust particles, circumstellar and interstellar grains, and molecular cloud matter. These analyses are pursued in a coordinated fashion with other analytical instruments in our facilities including isotopic and spectroscopic analysis techniques. Our research is focused on gaining a better understanding of the conditions and processes that affected these primitive materials from their formation through their evolution.

Location:
Johnson Space Center
Houston, Texas

Field of Science: Planetary Science

Advisors:
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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.