

Opportunity Title: Mineralogy of Fine-Grained Extraterrestrial Materials Opportunity Reference Code: 0003-NPP-NOV23-JSC-Cosmochem

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

Reference Code 0003-NPP-NOV23-JSC-Cosmochem

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

**Description** The early history of the solar system is being explored through detailed characterization of the minerals and noncrystalline phases composing primitive extraterrestrial materials. As these materials are typically very fine grained, this research is being performed principally by analytical electron microscopy, high-resolution transmission electron microscopy, electron back-scattered diffraction, and synchrotron X-ray microdiffraction. We are currently examining carbonaceous chondrites, interplanetary dust particles, asteroid Itokawa and comet Wild 2 grains, and fluid inclusions and primitive organics in meteorites.

## Location:

Johnson Space Center Houston, Texas

Field of Science: Cosmochemistry

## Advisors:

Michael Ewing Zolensky Michael.E.Zolensky@nasa.gov 281-483-5128

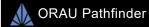
Eligibility is currently open to:

- · 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.







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 2



Generated: 8/25/2024 12:59:33 PM