

Opportunity Title: Mineralogy of Fine-Grained Extraterrestrial Materials

Opportunity Reference Code: 0003-NPP-NOV26-JSC-Cosmochem

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0003-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:

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.

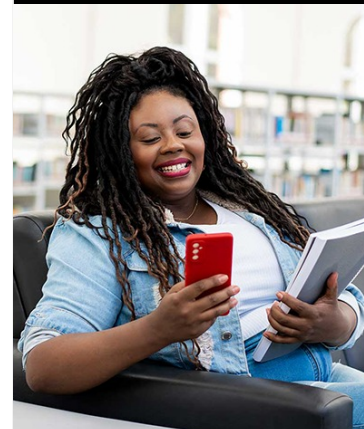
Location:

Johnson Space Center
Houston, Texas

Field of Science: Cosmochemistry

Advisors:

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



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: Mineralogy of Fine-Grained Extraterrestrial Materials

Opportunity Reference Code: 0003-NPP-NOV26-JSC-Cosmochem

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

Point of Contact [Mikeala](#)

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