

Opportunity Title: Petrological Evolution of Rocky Solar System Bodies

Opportunity Reference Code: 0022-NPP-JUL25-JSC-Cosmochem

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0022-NPP-JUL25-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 7/1/2025 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:

This opportunity includes studies of asteroids and rocky planetary bodies through analysis of meteorites and/or experiments. This work may span parent body processes, such as differentiation, metamorphism, alteration, regolith formation, and/or impact melting. This project may include collecting and analyzing geochemical data on either astromaterials or experimental products.

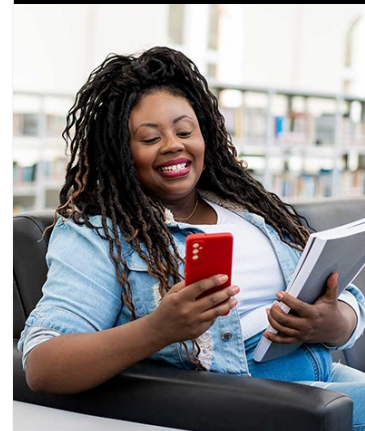
Field of Science: Cosmochemistry

Advisors:


Nicole Lunning
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(612) 759-2571

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



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valid EAD card and 2) I-485 or I-589 forms in pending status

Questions about this opportunity? Please email npp@orau.org

Qualifications This opportunity requires completion of a doctoral degree in planetary science, earth science, geology, cosmochemistry, chemistry, mineralogy, or petrology. This opportunity requires experience with geochemical and petrological analysis of samples (either terrestrial or extraterrestrial). This opportunity requires undergraduate or graduate course work in at least four of the following areas: planetary science, earth science, cosmochemistry, chemistry, mineralogy, and petrology.

Point of Contact [Mikeala](#)

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