

Opportunity Title: Venus Analog Studies

Opportunity Reference Code: 0019-NPP-MAR26-JSC-PlanetSci

Organization National Aeronautics and Space Administration (NASA)

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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 \(oraу.org\)](#).

A complete application to the NASA Postdoctoral Program includes:

1. Research proposal
2. Three letters of recommendation
3. Official doctoral transcript documents

Application Deadline 3/1/2026 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:

Venus is called Earth's hellish twin – being a similar size and bulk composition to the Earth, but with caustic near surface conditions. It is shrouded in a thick opaque cloud deck obscuring the surface from most orbital measurements. Therefore, we know little about the exact composition and mineralogy of the crust of Venus or how the crust interacts with the caustic atmosphere causing progressive weathering and alteration.

As we prepare for the decade of Venus exploration with multiple new missions, I am currently seeking highly motivated postdoctoral candidates interested in pursuing research in using terrestrial analogs, experimental results, and/or geochemical modeling to constrain the composition and mineralogy of the Venus crust.

Field of Science: Planetary Science

Advisors:

Justin Filiberto
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Eligibility is currently open to:



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- 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.