zintellect
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Opportunity Title: Space Science: Formation of Habitable Planets
Opportunity Reference Code: 0006-NPP-MAR26-ARC-PlanetSci

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0006-NPP-MAR26-ARC-PlanetSci

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 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:

Planetary habitability depends on the planet's own properties, especially mass and composition, the stellar radiation that it receives (which is determined by its star's luminosity and the planet's orbit), and the distribution of other planets and smaller bodies in the system, which determines the frequency of major impacts such as the one that killed off dinosaurs 65 million years ago. Dynamical models of planetary formation are being developed to estimate the abundance of habitable planets in our galaxy. Some of the key questions being addressed include can habitable planets form in binary star systems? How do Jupiter-like planets form and is their presence in a system required for smaller planets to be habitable? How are volatiles such as water and carbon compounds delivered to rocky planets like Earth? These questions are especially timely because NASA's Kepler spacecraft has returned data that is revolutionizing our knowledge of extrasolar planets.

Location:
Ames Research Center
Moffet Field, California

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Field of Science: Planetary Science

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Applications with citizens from Designated Countries will not be accepted at this time, unless they are Legal Permanent Residents of the United States. A complete list of Designated Countries can be found at: https://www.nasa.gov/oiir/export-control.

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.