

Opportunity Title: Exoplanet Experimental Studies

Opportunity Reference Code: 0243-NPP-NOV23-GSFC-PlanetSci

Organization National Aeronautics and Space Administration (NASA)

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

Description The research in this lab is mostly experimental though theoretical modeling is also encouraged. The candidate will have access to unique experimental technology to conduct a range of experimental scenarios including varying temperature, pressure, chemistry, and analytical methods. Research can entail the development of instrumentation or scientific investigations for a variety of hot environments. The primary focus for this research is to simulate the conditions of hot environments to study the atmospheric chemistry, cloud formation, and planetary evolution of exoplanets. Our goal is to provide inputs for theoretical models and verification data for observations of exoplanet atmospheres.

Location:

Goddard Space Flight Center
Greenbelt, Maryland

Field of Science: Planetary Science

Advisors:

Erika Kohler
erika.kohler@nasa.gov
(301) 614-5756

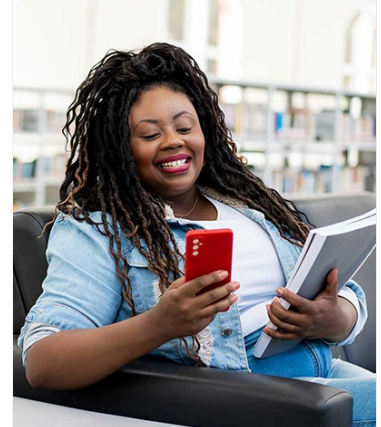
Applications with citizens from Designated Countries will not be accepted at this time, unless they are Legal Permanent Residents of the United States. A complete list of Designated Countries can be found at:

<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

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



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