

Opportunity Title: Direct Imaging and Spectroscopy of Exoplanets with the Nancy Grace Roman Space Telescope Coronagraph Instrument

Opportunity Reference Code: 0230-NPP-NOV23-JPL-Astrophys

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 Nancy Grace Roman Space Telescope, set for launch in the mid-2020s, will have a technology demonstration called the Coronagraph Instrument. This will showcase a number of technologies together in space for the first time to achieve a 100-1000 fold improvement on current and near-term proposed coronagraphs. The Roman Coronagraph Instrument will be a key stepping stone to a future coronagraph capable of imaging exo-Earths. We seek qualified applicants to help plan and execute the Roman Coronagraph technology demonstration and possible follow-on science investigations.

Location:

Jet Propulsion Laboratory
Pasadena, California

Field of Science: Astrophysics

Advisors:

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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

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



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