

Opportunity Title: Astrophysics: The Nature of Star-forming Galaxies at High Redshift

Opportunity Reference Code: 0117-NPP-NOV23-GSFC-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 We are characterizing the nature of star-forming galaxies at the epoch when most stars formed (redshift 1-3). We do this by studying spatially resolved spectroscopy and narrow-band imaging of galaxies that have been dramatically magnified by gravitational lensing. Research involves in-hand optical, near-IR, and mid-IR spectra from Magellan, Keck, and Spitzer, as well as broad and narrow-band imaging from Hubble. Such work prototypes the sorts of science that JWST will be able to conduct for large samples of unlensed galaxies.

Location:

Goddard Space Flight Center
Greenbelt, Maryland

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/oiiir/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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