

**Opportunity Title:** Astrophysics: Field Galaxy Surveys

**Opportunity Reference Code:** 0027-NPP-NOV23-GSFC-Astrophys

**Organization** National Aeronautics and Space Administration (NASA)

**Reference Code** 0027-NPP-NOV23-GSFC-Astrophys

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

**Description** Field galaxy surveys have taught us much of what we know about galaxy evolution. Conducted with a wide variety of telescopes and techniques, and using both imaging and spectroscopy, galaxy surveys have introduced and addressed such divergent topics as the faint blue galaxy problem, ultra-luminous infrared galaxies (ULIRGs), the starburst-AGN connection, and the star formation history of the Universe.

Our research currently uses data from the Webb, Hubble, Spitzer, and Chandra Deep Fields, JWST and HST legacy and treasury surveys, ground-based follow-up, and theoretical modeling to study galaxy evolution. We study galaxy morphology, gravitational lensed galaxies and a variety of techniques to search for emission-line galaxies. These results should help us plan future surveys to be conducted with the Nancy Grace Roman Space Telescope.

**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.