

Opportunity Title: Astrophysics: Extragalactic Astronomy -- Active Galactic Nuclei, Clusters of Galaxies, and the Cosmic Web

Opportunity Reference Code: 0025-NPP-MAR25-GSFC-Astrophys

Organization National Aeronautics and Space Administration (NASA)

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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 3/1/2025 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:

This research opportunity includes extragalactic astronomical research that focuses on observational studies of galaxy clusters and/or active galactic nuclei (AGN). Programs may use NASA observatories such as the Hubble Space Telescope (HST), Chandra, XMM, Spitzer, GALEX, NASA ground-based telescopes such as Keck or IRTF, ground-based optical/infrared observatories (KPNO, CTIO, Gemini, CFHT), or radio observatories such as the Very Large Array and ALMA. AGN programs are designed to illuminate the activation and fueling of quasars, Seyfert galaxies, and powerful radio galaxies, and the feedback upon their host galaxies and larger surroundings. Also relevant are absorption line studies of "cosmic web" material intervening between background quasars and UV spectrographs onboard FUSE and HST. Ongoing spectroscopic and imaging studies of galaxy clusters address the evolution of clusters and the effect of the cluster environment on the evolution of the constituent galaxies.

Location:

Goddard Space Flight Center
Greenbelt, Maryland



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Field of Science:Astrophysics

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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

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