

Opportunity Title: Astrophysics: X-Ray Astronomy

Opportunity Reference Code: 0005-NPP-JUL25-MSFC-Astrophys

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0005-NPP-JUL25-MSFC-Astrophys

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 7/1/2025 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:

The X-ray Astronomy Team invites applications to perform observational or theoretical research in x-ray astronomy and high-energy astrophysics. Of particular interest are studies of x-ray polarization from cosmic sources—active galaxies, supernova remnants, pulsar wind nebulae, and accreting neutron stars and black holes. The Team leads the Imaging X-ray Polarimetry Explorer (IXPE), a NASA-ASI mission launched in 2021 December. In addition, the Team coordinates US archiving of data from the ART-XC instrument aboard Spectrum Röntgen Gamma, provides project science for the Chandra X-ray Observatory, and supports studies for future x-ray missions.

Location:

Marshall Space Flight Center
Huntsville, Alabama

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

Questions about this opportunity? Please email npp@orau.org

Point of Contact [Mikeala](#)

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