

Opportunity Title: Astrophysics: High-Energy Gamma-Ray Astronomy with the Fermi Gamma-ray Space Telescope

Opportunity Reference Code: 0035-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:

The Fermi Gamma-ray Space Telescope has been collecting high-energy gamma rays since August 2008. The main instrument, the Large Area Telescope (LAT) is a pair-conversion telescope that observes gamma rays with energies from 20 MeV to above 300 GeV. The observatory is conducting an ongoing all-sky survey that is very well-suited for multiwavelength and transient studies. The LAT explores an important window on a wide variety of high-energy phenomena, including active galaxies, the optical-UV extragalactic background light, pulsars and their nebulae, gamma-ray bursts, and supernova remnants, as well as searching for new astrophysical and particle phenomena. The second instrument, the Gamma-ray Burst Monitor (GBM) provides spectral and timing information for gamma-ray bursts in the 8 keV to 40 MeV range. As part of the LAT collaboration and home to the mission operations and science support centers, Goddard is involved in many aspects of operations and science analysis. The Fermi team at Goddard offers opportunities to pursue topics over the broad range of astrophysics accessible to the LAT.

Location:

Goddard Space Flight Center
Greenbelt, Maryland

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.