

**Opportunity Title:** Space Science: Advanced Techniques in Hard X-ray Focusing Telescopes

**Opportunity Reference Code:** 0128-NPP-NOV23-GSFC-TechDev

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

**Reference Code** 0128-NPP-NOV23-GSFC-TechDev

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

**Description** The InFOC  $\mu$ S collaboration between GSFC and Nagoya University in Japan have been leaders in the development of hard x-ray focusing optics for astrophysics telescopes since its beginnings. InFOC  $\mu$ S was the first telescope to detect an astrophysical source with a multilayer hard x-ray telescope. We currently have a funded program to develop a hard x-ray telescope with 2. We have available the Swift/BAT hard x-ray survey of the local universe and we expect the NuSTAR and ASTRO-H medium depth surveys will become available in the near future, making this a especially timely field of research.

**Location:**

Goddard Space Flight Center  
Greenbelt, Maryland

**Field of Science:** Technology Development

**Advisors:**

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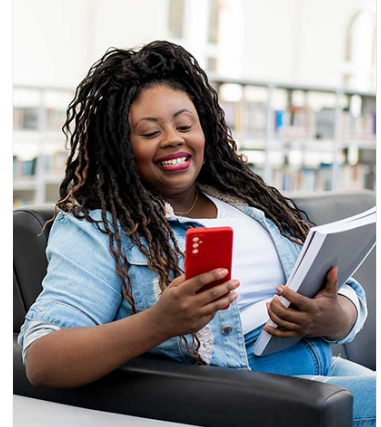
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**Applications with citizens from Designated Countries will not be accepted at this time, unless they are Legal Permanent Residents of the United States.** A complete list of Designated Countries can be found at: <https://www.nasa.gov/oijr/export-control>.

Eligibility is currently open to:

- U.S. Citizens;
- U.S. Lawful Permanent Residents (LPR);



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- 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.