

Opportunity Title: Astrophysics: Instrumentation for High-Contrast Imaging

Opportunity Reference Code: 0040-NPP-NOV23-GSFC-Astrophys

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0040-NPP-NOV23-GSFC-Astrophys

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

Description Direct imaging of extrasolar planets around nearby stars requires suppression of light from the parent star by up to ten orders of magnitude at visible wavelengths. We are creating and testing various optical designs to suppressing scattered and diffracted starlight to enable the discovery and characterization of extrasolar planets with space-borne instrumentation on future missions, such as WFIRST and LUVOIR.

Location:

Goddard Space Flight Center
Greenbelt, Maryland

Field of Science: Astrophysics

Advisors:

Marc Kuchner
Marc.J.Kuchner@nasa.gov
301-286-5165

Mike McElwain
Michael.W.McElwain@nasa.gov
301-286-6094

Neil T Zimmerman
neil.t.zimmerman@nasa.gov
301.286.3328

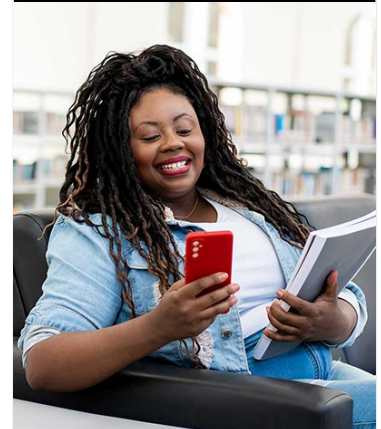
Tyler D. Groff
Tyler.D.Groff@nasa.gov
301.286.1210

Christopher Stark
christopher.c.stark@nasa.gov
(240) 441-1896

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/ojir/export-control>.

Eligibility is currently open to:

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



Whether you are just starting your career or already at a senior level, ORAU offers internships, fellowships, research opportunities, and contract positions that can provide you with invaluable experience. Download the ORAU Pathfinder mobile app and find the right opportunity to propel you along your career path!

Visit ORAU Pathfinder [↗](#)



Opportunity Title: Astrophysics: Instrumentation for High-Contrast Imaging

Opportunity Reference Code: 0040-NPP-NOV23-GSFC-Astrophys

- 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.