

**Opportunity Title:** Astrophysics: Studies of Protoplanetary Disks  
**Opportunity Reference Code:** 0076-NPP-NOV23-GSFC-Astrophys

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

**Reference Code** 0076-NPP-NOV23-GSFC-Astrophys

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

**Description** Our group continues to obtain coronagraphic observations of disks around young stars with the STIS and ACS instruments on HST. Previously unknown highly structured disks and jets have been discovered, and some of the disks show "clearings", possibly due to planets. Spectroscopy of these stellar disks has also been obtained. The coronagraphic images and spectra are used to constrain models of the formation and evolution of the disks and the formation of possible planets.

**Location:**

Goddard Space Flight Center  
Greenbelt, Maryland

**Field of Science:**Astrophysics

**Advisors:**

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

**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

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



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