

**Opportunity Title:** Visible and infrared spectroscopy of asteroids and small bodies

**Opportunity Reference Code:** 0191-NPP-NOV23-GSFC-PlanetSci

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

**Reference Code** 0191-NPP-NOV23-GSFC-PlanetSci

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

**Description** Analytical investigations of asteroid and KBO composition are carried out within the framework of data obtained from NASA missions to: near-Earth, Main Belt, and Trojan Asteroids from the OSIRIS-REx OVIRS and Lucy L'Ralph instruments; Pluto and the Kuiper Belt from New Horizons Ralph; and from space telescope, ground-based and airborne instrumentation. Emphasis is placed on the surface composition and identification of organics on these surfaces. Areas of specific interest include data calibration, new analysis techniques, and comparative planetology with data from other missions.

**Location:**

Goddard Space Flight Center  
Greenbelt, Maryland

**Field of Science:** Planetary Science

**Advisors:**

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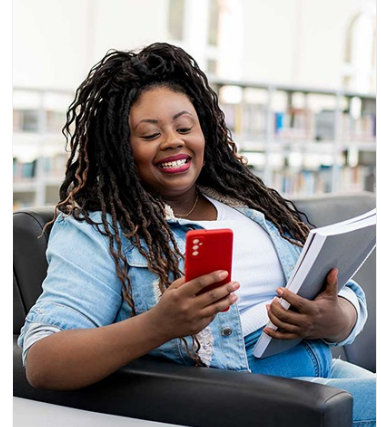
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**Applications with citizens from Designated Countries will not be accepted at this time, unless they are Legal Permanent Residents of the United States.** A complete list of Designated Countries can be found at: <https://www.nasa.gov/oiir/export-control>.

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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