

Exploration Science Summer Intern Program

Become an Exploration Science Intern!

The Lunar and Planetary Institute (LPI) is hosting an Exploration Science Summer Intern Program to provide students an opportunity to assist a new era of lunar robotic and human exploration. Those missions include the Artemis II mission around the Moon, followed by a series of lunar landings near the lunar south pole. Those and other efforts are contributing to the international community's Global Exploration Roadmap.

Students will be involved in activities that support Artemis missions to the Moon that utilize the Orion crew vehicle, the Deep Space Gateway, the Human Landing System, and robotic assets on the lunar surface. It is a unique opportunity to integrate scientific input with exploration activities in a way that mission architects and spacecraft engineers can use. Activities may involve assessments of landing sites and traverse plans for multiple destinations that are responsive to NASA objectives. The LPI invites applications from graduate students in geology, planetary science, and related programs. The Exploration Science Summer Intern Program builds on the success of the Lunar Exploration Summer Intern Program that was designed to evaluate possible landing sites on the Moon for robotic and human exploration missions. Over a five year period (2008–2012), teams of students worked with Lunar and Planetary Institute (LPI) science staff and their collaborators to produce A Global Lunar Landing Site Study to Provide the Scientific Context for Exploration of the Moon. Student teams also produced a series of influential journal articles (O'Sullivan et al. 2011; Flahaut et al. 2012; Lemelin et al. 2014; Potts et al. 2015; Steenstra et al. 2016; Allender et al. 2019; Bickel et al. 2019; Sargeant et al., 2020; Bickel and Kring 2020; Gawronska et al. 2020; Halim et al. 2021; Czapinski et al. 2021; Kumari et al. 2022; Tai Udovicic et al. 2023; Peña-Asensio et al. 2024). The program for 2024 is designed to have the same impact on future exploration activities.

The 10-week program runs from May 28, 2024, through August 2, 2024. Selected interns will receive \$7,050 to cover costs associated with being in Houston for the duration of the program. Additionally, students will receive up to \$1,000 in travel expense reimbursement.

www.lpi.usra.edu/exploration_intern

Application Deadline: January 22, 2024

Applications are only accepted by using the electronic application form found on the LPI's Exploration Science Summer Intern website.

For more information, contact:

Delia Enriquez

Exploration Science Summer Intern Program

ExplorationIntern@lpi.usra.edu

