



MENTORS NEEDED!

FOR THE LUNAR LAVA TUBE EXPLORATION CHALLENGE

waspacegrant.org/students/artemis

What's the challenge?

Students will build a rover and develop software for the rover to navigate the challenge course, a model lunar lava tube! Mission objectives include rough terrain navigation and obstacle avoidance, deploying a tunnel barrier for future habitat development, and imaging rock samples. Each team will be paired with a Lunar Base to test their solutions.

Who will you be mentoring?

Undergraduate students from across the U.S. can participate in LLTEC. We will be running an academic year cycle from **January - May 2022** and a summer cycle from **June - August 2022**. Washington NASA Space Grant seeks to engage students from communities historically excluded from STEM with a focus on students with traditionally marginalized genders, BIPOC, students with disabilities, and students from rural communities.

For Graduate Students: Each graduate student mentor will assist 2 undergraduate teams for at least 1 hour per week. Stipends of \$2,000 - \$3,000 will be provided. Programming experience required, Python preferred.

For Faculty: Each faculty mentor will assist 1 undergraduate team. Faculty engagement is essential for successful technical and professional mentoring in this hands-on student opportunity.

How can you get involved?

Faculty and graduate students interested in being a mentor can email nasa@uw.edu to connect with LLTEC staff.

Full challenge details and registration available at waspacegrant.org/students/artemis

Questions? Send them to nasa@uw.edu

