**Student Opportunities in Planetary Sciences, Geosciences & STEM**

*This list was compiled by Emily Bamber. It includes opportunities, funding sources, and resources primarily aimed at students interested in planetary sciences, but some opportunities are open to anyone in geosciences / STEM fields in general. The list is organized by theme & alphabetically. Please get in touch with Emily Bamber (emily “dot” bamber “at” utexas “dot” edu) if you’d like to suggest an addition to this document.*

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**Opportunities / Experiences / Internships / Courses**

[**Eclipse Ambassadors Off the Path**](https://astrosociety.org/education-outreach/amateur-astronomers/eclipse-ambassadors/program.html) ***(for the 2023 and 2024 eclipses)***

* Eclipse Ambassadors will train virtually in a 3 week workshop then work to engage their local community with eclipse resources.
* Eligibility: 18 years of age and **living in the U.S.**
* Application Deadline: Rolling

[**GeoSPACE Geoscience Field Program**](https://sites.google.com/ufl.edu/geospace-field-program/details)

* All-expenses paid planetary geology and volcanology field course, with accessibility focus
* Eligibility: undergraduates, recent graduates, and early grad students, with geoscience backgrounds, of any nationality
* Application Deadline: Fall

[**Impact Cratering Short Course and Field School**](file:///C:\Users\erb2734\Box\UT%20Projects\•%09https:\space.uwo.ca\training\graduate_students\courses\planetsc_9604_sudbury_short_course.html)

* 7-day short course and field training program on impact cratering, **at Sudbury Impact Crater, Ontario.**
* Eligibility: Graduate students (senior undergraduates considered) of any nationality studying at any university.
* Application Deadline: Summer/Fall

[**Lunar & Planetary Institute Summer Intern Program in Planetary Science**](https://www.lpi.usra.edu/lpiintern/)

* 10 week funded summer research placement at LPI / Johnson Space Center (Houston)
* Eligibility: undergraduates & recent graduates, of any nationality
* Application Deadline: January

[**Lunar & Planetary Institute Exploration Science Summer Intern Program**](https://www.lpi.usra.edu/exploration_intern/)

* 10-week funded research program where students will be involved in activities that support Artemis missions to the Moon e.g., assessments of landing sites, traverse plans.
* Eligibility: graduate students in geology, planetary science, planetary astronomy, etc., of any nationality, at any institution.
* Application Deadline: January

[**Meteor Crater Field Training and Research Program**](https://www.lpi.usra.edu/exploration/mcFieldCamp/?view=program)

* A week long field class and research project based at Barringer Meteorite Crater (AZ) led by Dr. David Kring
* Eligibility: Graduate students (senior undergraduates considered) of any nationality studying at any university.
* Application Deadline: June

[**NASA Citizen Science Projects**](https://science.nasa.gov/citizenscience)

* Opportunities to voluntarily contribute to NASA research
* Eligibility: open to anyone around the world, other requirements depends on project

[**NASA Graduate Fellowships**](https://www.nasa.gov/stem/fellowships-scholarships/index.html)

* Engaging underrepresented and underserved minorities in STEM Graduate Academic programs
* Eligibility: Graduate students **studying at a US university**
* Application Deadline: Rolling

[**NASA Intern and Fellow Opportunities for International Students**](https://www.nasa.gov/stem/international-internships-for-students.html)

* Research opportunities for non-US students.
* Eligibility: STEM undergraduate or graduate students, studying topics relevant to NASA's mission priorities.
* Application Deadline: Variable

[**NASA-JPL Science Mission Design Schools**](https://www.jpl.nasa.gov/edu/intern/apply/nasa-science-mission-design-schools/)

* 3-month-long career development experience, with a focus on science-driven robotic space exploration missions.
* Eligibility: Graduate students, recent PhDs, postdocs and junior faculty
* Application Deadline: Variable

[**Petrophysics Summer School**](https://le.ac.uk/iodp/summer-schools)(Leicester, UK)

* This Summer School introduces the interpretation and applications of downhole logs and physical property data primarily from the International Ocean Discovery Program (IODP).
* Eligibility: Graduate students of any nationality studying at any university.
* Application Deadline: April/Spring

**Graduate Fellowships / Scholarships**

(sources of funding for a semester or more of graduate student research costs, salary, and/or tuition)

[**NASA FINESST**](https://astrobiology.nasa.gov/news/future-investigators-in-nasa-earth-and-space-science-and-technology-finesst/)(Future Investigators in NASA Earth and Space Science and Technology, previously: NASA Earth and Space Science Fellowships (NESSF))

* Funding to support graduate student-designed and performed research projects that contribute to the Science Mission Directorate’s (SMD’s) science, technology and exploration goals.
* Eligibility: Graduate students **studying at a US institution**
* Application Deadline: February

**Travel / Field Work Funding**

[**Barringer Family Fund for Meteorite Impact Research**](https://www.lpi.usra.edu/science/kring/Awards/Barringer_Fund/)

* 3-5 awards of $2500 - $5000 to support field work and lab analysis for research at known or suspected impact sites worldwide.
* Eligibility: Masters, doctoral, and post-doctoral students enrolled in formal university programs
* Application Deadline: April

**CUAHSI** [**Pathfinder Fellowship**](https://www.cuahsi.org/grant-opportunities/pathfinder-fellowship) **&** [**Hydroinformatics Innovation Fellowship**](https://www.cuahsi.org/grant-opportunities/hydroinformatics-innovation-fellowship)

* Pathfinder: Up to $5,000 towards the cost of adding a field site, for comparative hydrology.
* Hydroinformatics Innovation: up to $5,000 towards the cost of developing software/apps in hydrology.
* Eligibility: Graduate students (including internationals) **enrolled in a U.S.-based college or university**
* Application Deadlines: late January / early February

[**GSA Graduate Student Research Grants**](https://www.geosociety.org/GSA/Education_Careers/Grants_Scholarships/Research_Grants/GSA/grants/gradgrants.aspx?hkey=8e52cbf5-83cd-4c05-b77b-c31143bbeec8)

* partial support of master's and doctoral thesis research in the geological sciences.
* Eligibility: graduate student GSA members, enrolled **in universities in the United States, Canada, Mexico and Central America.**
* Application Deadline: February

[**Lewis and Clark Fund for Exploration and Field Research**](https://www.amphilsoc.org/grants/lewis-and-clark-fund-exploration-and-field-research)

* Funds to support graduate student exploratory field studies. Award amounts up to $5000.
* Eligibility: Graduate students who are U.S. citizens, **based at a U.S. institution, or planning field work in the U.S**. (i.e. international students eligible).
* Application Deadline: November

[**Lewis and Clarke Fund for Field Research in Astrobiology**](https://www.amphilsoc.org/grants/lewis-and-clark-fund-exploration-and-field-research-astrobiology)

* Funds to support field studies related to astrobiology. Award amounts up to $5000.
* Eligibility: Graduate students, postdoctoral, junior scientists, who are **affiliated with a U.S.-based institution.**
* Application Deadline: February

[**SEPM (Society for Sedimentary Geology) Foundation Student Research Grants**](https://www.sepm.org/Apply-for-a-Student-Assistance-Grant)

* Funds to support student research in the field of sedimentology (on the order of $1000 per award)
* Eligibility: any student, of any nationality, working at any institution globally, as long as they are an SEPM member (easy to apply online)
* Application Deadline: February

**Other Funding**:

[**Eugene & Carolyn Shoemaker Impact Cratering Award**](https://www.lpi.usra.edu/science/kring/Awards/Shoemaker_Award/)

* One $3000 award per year, for the study of impact craters, either on Earth or on the other solid bodies in the solar system
* Eligibility: Undergraduate & Graduate Students, of any nationality, based in any country.
* Application Deadline: August

[**International Association of Geomorphologists (IAG) Student Grants & Opportunities**](http://www.geomorph.org/category/yg/grants/open-calls/)

* Grants to attend conferences or complete research (see ‘open call’ website for full details of each grant).
* Also provide their talks/seminars, conferences/events (annual IAG meeting), and workshops.

**Other Resources (Newsletters, Networking and Support Groups)**

[**Científico Latino**](https://www.cientificolatino.com/)

* “to help undergraduate, graduate, and professional students by providing mentorship, open-access resources on scholarships, fellowships and blog posts on professional development.”

**Early Career Planetary Explorers,** [**Facebook Page**](file:///C:\Users\erb2734\Box\UT%20Projects\Early%20Career%20Planetary%20Explorers)

* A social media page where early career folks meet to discuss topics related to planetary science & exploration. Annually, there’s usually a post/excel spreadsheet which lists job calls / job-seekers for early career folks (compiled by Stephanie Jarmak), and also one which lists PhD/MS/Student Opportunities (compiled by Sarah Horst).

[**Earth Science Women’s Network (ESWN)**](https://eswnonline.org/)

* Networking Group for women geoscientists. Offer online science talks/seminars & workshops for professional development. (Also have a facebook discussion page)

[**Future Leaders of Ocean Worlds (FLOW)**](https://oceanworlds.space/flow/)

* “a multidisciplinary group of early career scientists and engineers (undergrads, grad students, postdocs, research scientists and others <10 years post terminal degree) interested in ocean worlds and actively engaged in research relating to planetary science, origins of life, astrobiology, cryospheres, and/or oceanography.”

[**Gilbert Club Newsletter**](https://eps.berkeley.edu/gilbert/gilbert.htm)

* Mailing list with news & opportunities in geomorphology and planetary surface processes. Also there’s an annual meet up for networking amongst the geomorphology community.

[**LPI Planetary Science News for Students website**](https://www.lpi.usra.edu/education/resources/news/for-students/)

* up-to-date information and resources for students and early career researchers in planetary science.

[**Planetary Exploration Newsletter**](https://planetarynews.org/)

* Weekly newsletter that disseminates news about planetary sciences, e.g. papers, calls for abstracts, conference announcements, job posting, student opportunities, and loads more!

[**SEPM (Society for Sedimentary Geology) Newsletter**](https://lp.constantcontactpages.com/su/hrhL0hh/sepmemailsignup)

* Newsletter with opportunities and news from SEPM and the world of sedimentology

[**Women in Geomorphology Workshop**](https://geomorphologyhelle.wixsite.com/geomorphology/general-7)

* Organized by the Hellenic Committee for Geomorphology and Environment of the Geological Society of Greece. Female speakers and networking in the field of geomorphology.