

**GEOS Departmental UG Research Scholarships**  
**Proposal Application Instructions**  
**George H. Davis Undergraduate Research Fund**  
**Orlo E. Childs Geology Scholarship**  
**Paul E. Damon Geochemistry Scholarship**

**About the Research Scholarship Funds:**

The Department of Geosciences currently offers several undergraduate research scholarships to qualified students, including the George H. Davis Undergraduate Research Fund (GHD URF), the Orlo E. Childs Geology Scholarship, and the Paul E. Damon Geochronology Scholarship. More information on these specific scholarships is available on the Geosciences Undergraduate Student Scholarships website at <https://www.geo.arizona.edu/content/scholarships>.

**What do the research scholarships support?**

Examples of activities or expenditures that may be supported by the departmental research fund scholarships include field support, sample preparation costs, analyses, computational research expenses, or conference travel expenses if the student is presenting their own research. Items generally not supported include expensive equipment expected to be supplied by faculty advisors.

**Applying for GEOS Departmental Research Scholarships:**

Students should submit a proposal to apply for funding from the GHD URF and other departmental research scholarships. Proposal components are outlined in the last section of this document.

Proposals may request support for most or all of the entire research project scope, or a minor component of a larger project.

At this time, there is no maximum limit to how much funding a student may request. However, the requested total should only include expenses that are appropriate and reasonable to the proposed research project. Past proposals have received funding in the range of \$300-\$2,000 per award.

Students awarded support from the GHD URF or other research scholarships will be expected to write and submit a 1-2-page report on the use of the funds and outcomes of the project. This can be accompanied by a thesis or scientific report associated with the work. They will also be expected to write a short thank you letter that the Department will mail to fund donors.

Students may apply for GHD URF and other departmental research scholarship funding each semester in which they are actively conducting research, even if they have received funding in a prior semester or year.

**Deadline and submission instructions:**

Proposals must be submitted to Shawna Matteson, Geosciences undergraduate advisor, **no later than 5:00 p.m. on Sunday, March 13<sup>th</sup> for the Spring 2022 semesters**. Please submit one PDF file to [smatteson@email.arizona.edu](mailto:smatteson@email.arizona.edu) to be considered for a departmental research fund award.

**Proposal components:**

Proposals should be no longer than two pages (single-spaced, 2.5-cm margins, minimum 11-point font, Times New Roman), not including reference. Figures count toward the two-page maximum. Include your full name, Student ID, and Research Title in the top, left corner of page one of your proposal. Please also specify if your research is geochemistry-focused and/or focused on the Geology of the Colorado Plateau or Rocky Mountains.

**Proposals have five sections:**

- 1) Scientific Justification
  - Background and context for the scientific problem to be addressed
  - Statement of the problem and how it fills a gap in current knowledge or thinking
  - Expected outcomes
  - What will success look like
  - Broader impacts beyond the immediate scientific problem
- 2) Relationship to educational goals and experience
  - How this research will contribute to the student's education, skills, and experience
  - How this research is supported by the student's previous training and skills
- 3) Budget outline
  - Itemized list of expenses associated with each component of the project, including justifications
  - Other sources of support
- 4) Advise and Mentoring
  - Description of how the student will be advised and mentored by a UA Geosciences faculty member or research (direct advising by a graduate student is okay provided it is in the context of an involves regular contact with a faculty member)
- 5) Faculty Advisor statement
  - A short (50-200 words) statement of support from the faculty advisor

**A sample proposal and sample Faculty Advisor statements have been provided in a separate pdf document.**