



2023 STUDENT RESEARCH GRANTS

The Northwest Scientific Association (NWSA) annually awards grants of up to \$750 for undergraduate (BA/BS) and up to \$1,500 for graduate (MA/MS or PhD) proposals to support student research in the pure and applied sciences in natural resources or related fields.

Proposal Submission Guidelines

Proposals are due Monday, January 23rd 2023 at midnight Pacific Time, submitted via our NWSA website portal.

General requirements and overview:

- The applicant must be a student and enrolled as a NWSA 2023 member at the time the proposal is submitted (see website for membership information at <http://www.northwestscience.org>).
- Grant monies may only be used to support research travel, lab analysis, materials, and supplies for student research. Proposals requesting salary support or travel to meetings, or publication charges, will not be considered.
- Funding will only be considered for projects conducted in northwestern North America; this includes Canada and the United States. The map on the journal cover gives a general depiction of the geographic area, but please consider this as a broad guideline and feel free to email the Chair of the Grant Committee if you'd like clarification on whether your geography fits ours.
- Funding should be spent within one year of receiving the award from NWSA, but exceptions can be granted depending on project scheduling.
- Upon completion, the recipient is required to provide a brief (500 word + photo) abstract to the NWSA Student Grants Committee highlighting research accomplishments, which will be posted to NWSA social media. Documentation of financial expenditures will be submitted to the NWSA Treasurer.
- Grant recipients will present the results of their research at a future NWSA annual meeting or a webinar presentation.
- As an added benefit of the award, recipients who choose to publish their proposal-related research in *Northwest Science* within four years of accepting this grant will have journal page charges waived.

Proposal requirements and formatting:

Proposals should be written for a diverse scientific audience. Please avoid use of technical jargon. **Proposals must be submitted as a single PDF document** that includes:

1. Cover page, including abstract
2. Proposal text (4 pages maximum)
3. Literature cited
4. Optional tables, figures
5. Budget
6. DEI statement (0.5-1 page maximum)
7. Curriculum Vitae (CV)

8. Letter from supervisor, following the text provided below

Proposal titles should be formatted with underscore separated fields as follows:
2023_\$degree_\$lastname_\$firstname.pdf (e.g., 2023_PHD_Jones_Jane.pdf).

Submit completed proposals to the NWSA Student Grant Google Form
(<https://forms.gle/C2nKTQMvvqVbf8nZ7>)

The body of the proposal must be double-spaced in 12-pt Times New Roman font with 1-inch margins (no exceptions). Margins and line-spacing on other pages (cover/title page, literature cited, supplementary tables and figures, and budget) may vary with need.

1. Cover page must provide:

- the project title, name, institutional address, phone number, and e-mail address of the student applicant
- name of the major professor or advisor, and college or institution
- dollar amount requested
- abstract describing the project and purpose, not to exceed 200 words.

2. Body of the proposal with text not to exceed four pages that include:

- introduction (including the research question(s), objective(s), hypotheses, and significance)
- project methods (including experimental design, methods, appropriate statistical analyses, and timeline)
- expected results and contribution to science and society

3. Literature cited in proposal

4. Optional tables and figures

5. Itemized budget table to be included, generally following this template, along with a short justification for funds.

Category	Description	Cost/Unit	Quantity	Cost	Funding Requested
Research travel					
Materials					
Supplies					
Lab analysis					
Total Amounts					

6. A 0.5-1 page Diversity, Equity, and Inclusion statement. Describe your prior and planned experiences in promoting and advocating for diversity, equity, and inclusion into your proposed research, training, or education.

7. A 1-2 page CV that also includes education, any previous research, and current funding

8. A letter signed by your graduate or undergraduate advisor with only the following statement “I recommend the proposal, am aware of the submission, and approve the submitted budget.”

Grant awarding, reporting, and contact information:

Grant awardees will be contacted via email, and awardees announced at the Annual Business Meeting (March 22-23rd, 2023), at the NWSA Annual Meeting, and on the NWSA website.

Funding will be sent to awardees at the time of awarding. However ten percent of award funds will be withheld until the final financial report and research accomplishments abstract is presented to the Student Grants Committee Chair and the NWSA Treasurer. The financial report must include an itemized account of expenditures for award of final payment.

Research Accomplishments abstracts should be sent to:

Student Grants Committee Chair, Jeff Kane: jkane@humboldt.edu

- Please provide a 500 word abstract showcasing the background, research objective, methods, results, and implications of your work, and include one photo. Your research abstract will be posted to NWSA social media and credited to you.

Preference will be given to qualified proposals from individuals who have not already received a student grant from NWSA.

Please direct Student Grant-related questions to:

NWSA Student Grants Committee Chair:

Jeff Kane, Department of Forestry, Fire, and Rangeland Management, Cal Poly Humboldt
Email: jkane@humboldt.edu