Application cover page and guidelines
Summer Research Grant in Science and Mathematics

Please type:

Name: ___________________________________________   Student ID: __________________

Email address: ___________________________   Major: ________________________

Project title: _______________________________________________________________________________________

Faculty mentor: ___________________________   Units completed as of December 2018: _____

**Proposed direct costs budget** (attach budget form): $___________

Project summary (or attach to proposal):

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**Does your research involve the use of human participants?**   Yes ________   No ________

If yes, please see the [Student Research Involving Human Participants](#) page to determine whether your research will require “full IRB review,” is eligible for “expedited review,” or is “exempt” from review.

- If exempt, please include a statement of exempt approval status from your departmental IRB designate as described in the [Investigator Checklist](#).

- If requiring expedited or full board review, please include a copy of all completed and approved IRB materials, or evidence of where you are in obtaining IRB approval, with your Summer Research Award application.

- If your research will be conducted in a foreign country, your approval will require the signature of the IRB chair, regardless of its IRB review status.
Does your research involve the use of non-human vertebrate animals? Yes_______ No_______
If yes, please complete the Student Project Animal Use Protocol Review Forms on the Institutional Animal Care and Use Committee webpage.

Please include a copy of the IACUC approval letter, or evidence of where you are in obtaining approval, with this application.

Does your research involve travel outside of the United States? Yes________ No________
If yes, make an appointment with the Director of International Programs (879.2513) to attend a pre-departure orientation that must be completed as part of your grant requirements.
Name of country if applicable: _____________________________________________________

- The University of Puget Sound does not support travel to countries currently on the Department of State’s travel warning list and on the Centers for Disease Control’s travel health warning list.

If selected for an award, I agree to meet all of the responsibilities outlined in the application for research funding. I understand that failure to do so will result in holds being placed on my transcript and diploma until acceptable reports are submitted.

If my research involves international travel, I agree to attend a pre-departure orientation prior to travel.

I also understand that my name, project title, and program summary submitted with the application, advisor’s name, and academic major may be released to newspapers or individuals in connection with university communications about the summer research program.

______________________________
Student signature

______________________________
Date

As the project advisor, I approve the above-signed student’s application, including the proposed budget.

______________________________
Faculty mentor signature

______________________________
Date
Summer Science Research Award Application Guidelines

Proposal Application

Students should submit a PDF scan of the complete application package (including all required signatures) which includes the following:

1. **Cover page**.

2. **Applicant statement** describing the relevancy of the student’s background for doing the proposed work, and how the research will contribute to the applicant’s educational goals. This statement should emphasize the student’s preparation, such as relevant classes taken, or research already initiated. The statement should be no longer than one page and a maximum of 150 words.

3. **Summary** (one paragraph) of the project in language appropriate for readers who are not specialists. This summary paragraph may be used in publicizing the awards.

4. **Description of the proposed project** providing sufficient background so that non-specialists can understand the nature of the question to be investigated and the approach to be used. The description must include a rationale, a research plan, and a list of pertinent references. Proposals that fare best explain and define important terms used, illustrate the background and experimental approach, and frame the proposed work in a larger context.
   a. The text of the proposal must be in 12 point, Times New Roman font. The document must have 1 inch margins all around and be written using 1.5 line spacing.
   b. The project description should include a reference list, which is not counted towards the 5 page limit. Most competitive proposals will use over 10 peer-reviewed references from books or refereed journals.
   c. Supporting material, such as illustrations and appendices, may be attached and do not count towards the 5 page limit.
   d. The proposal must be accompanied by a timeline (not counting towards the 5 page limit of the project description) that clearly outlines what aspects of the project are expected to be conducted during each of the 10-15 weeks of the summer. This is best done in a table format and should be no longer than 1-2 sentences per week.
   e. **Budget:** Some awards provide money for research budgets, and a budget plan must accompany all proposals. This allows the reviewers to assess feasibility of the project. The budget should be written on a separate sheet attached to the proposal. If the budget is over $500 (the maximum awarded for the UEC Student Research Award), indicate how the proposed work will be accomplished if not awarded a grant with a research budget. (It is helpful for the mentor to address this in the letter of support.)
   f. The strongest proposals exhibit evidence that the applicant has already done some preliminary work on the project, either in the form of extensive library research on the problem or in the form of experimental research.
   g. Because the proposal will be judged by one faculty member from within the applicant’s department and one faculty member outside the department, it is of utmost importance that the applicant use language that is both accurate and precise, yet avoids jargon and is accessible to an interested non-specialist.
5. Letter of support from the applicant's on-campus faculty research mentor. If the proposed research will be conducted off-campus at another institution, an additional letter of support will be required from an off-campus mentor. Mentors may submit letters of support independently.

6. Puget Sound transcript - An official or unofficial copy of the applicant's transcripts from UPS, as well as any additional relevant university work. The transcript and additional work should be attached to the proposal and scanned with the complete application package. A Cascade printout of grades will not suffice as a transcript. Please obtain a transcript from the Registrar’s office.

7. IRB, IACUC, and travel documentation, if applicable. Important information about IRB and IACUC projects: If your project requires IRB or IACUC approval, it is your responsibility to submit your protocol in time to be reviewed and approved before the last committee meeting of the Spring semester. Stipends and supplemental funds may not be released for projects that have not secured IRB or IACUC approval before beginning the project. The approval document must be on file in the Associate Deans’ Office prior to beginning research and data collection.

8. Submit a PDF scan of the complete application package including all required signatures to biology@pugetsound.edu no later than 4:00 PM on March 13, 2019.

Proposal Evaluations

A minimum of two reviewers (one from the same discipline as the proposed research and a second from outside the discipline) evaluate each proposal. If the first two scores are not in agreement, a third reviewer may evaluate the proposal. Reviewers assess the quality of each proposal, the feasibility of the project, the academic background of the student researcher and, as appropriate, the merits of the proposal in relation to the funding requested.

Proposal Rankings

Following review, proposals are ranked by a committee of faculty members from the sciences and mathematics. In considering the comparative merits of proposals from several disciplines, the committee will also consider how the available pool of funds can best be used to advance the greatest number of meritorious projects that are in keeping with the program’s intent. The total cost of each project will be an important consideration in weighing the relative strengths of the proposals, with greater costs requiring more persuasive justification. The university will maintain flexibility in administering grants, in recognition of the fact that equally deserving projects may present quite different structures and costs. The committee will make recommendations to the Associate Dean (acting on behalf of the Provost), who will review the recommendations, confirm appropriate funding, and make the final awards.
**Summer Research Grant in Science and Mathematics**  
**Budget Proposal – for all awards**

Attach an explanation of any items that may need clarification.

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Lodging $____________

Meals $____________

**Total Requested** $____________