

Undergraduate Research & Creative Activity Funding Opportunities



Office of Research
UNIVERSITY of ALASKA ANCHORAGE

The Office of Research (OR) is proud to bridge the boundaries between learning and discovery for undergraduate students. By fostering inspired teaching and engaged student learning, OR advances the involvement of UAA students in research and creative activities.

Proposal Submission Dates:

February 28th for Spring 2022

March 31th for Academic Year 2022/2023

Spring awardees will be notified by March 15th and Academic Year 2022/2023 awardees will be notified by May 1st.

Contact the Office of Research (UAA_OR@alaska.edu) for questions and editable templates.

Please follow the Proposal Guidelines and submit your Cover Letter, Resume, and Application by the deadline. Example template documents are attached.

Opportunities for Spring 2022 or Academic Year 2022/2023

Estelle J. Spatz Undergraduate Research Award: This award is intended to provide financial support for UAA students participating in research at the undergraduate level. The research projects cover variety of topics. The fund will cover actual costs of a project up to \$2,500 plus a \$500 per project semester stipend for spring 2022 or academic year 2022/2023. A maximum of \$15,000 awarded, number of projects to be award will be based on proposed budgets.

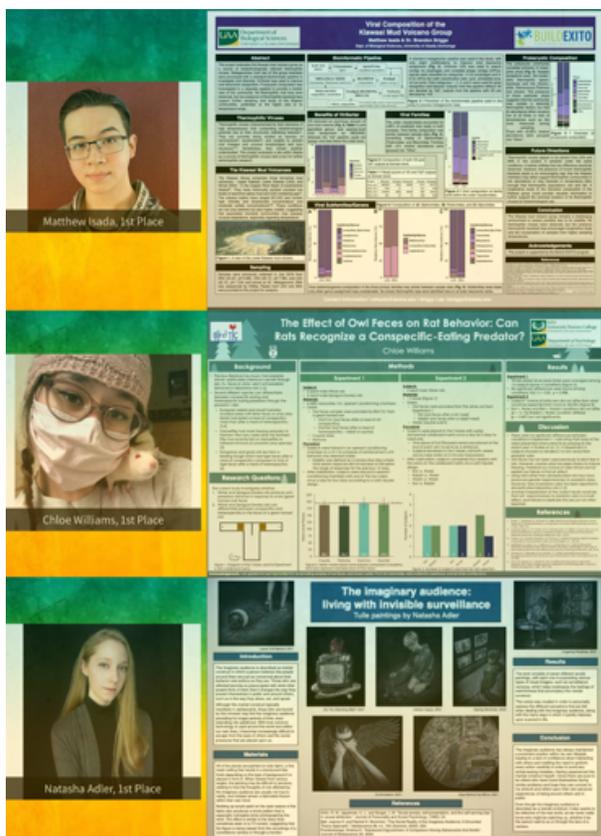
Meissner Creativity Award in Visual Arts: The Brian and Amy Meissner Creativity Award in the Visual Arts is a \$1,000 prize which can be awarded annually to an outstanding project in the visual arts. Funding can be used to provide financial assistance for tuition and other educational expenses to students currently enrolled in a degree-seeking program at the University of Alaska Anchorage. Up to \$1,000 awarded.

Opportunities for Academic Year 2022/2023

Alaska Cardiovascular Research Foundation Award: Made possible by a major gift from the Alaska Cardiovascular Research Foundation, these awards fund significant undergraduate biomedical research projects under the guidance of a faculty mentor. Each grant funds up to \$5,000 in project costs plus a \$500 per project semester stipend awarded upon completion of the project. A maximum of \$18,000 awarded, number of projects to be award will be based on proposed budgets.

Fran Ulmer Transformative Research Award: The Fran Ulmer Transformative Research Award fund significant undergraduate research and creative projects in areas with the potential to transform the way we live, work, and see the world. Broad topics of particular interest include Sustainability, Complexity, Climate Changes, and Social and Public Policy. The fund will cover actual costs of a project up to \$5,000 plus a \$500 per project semester stipend awarded upon completion of the project. A maximum of \$7,000 awarded, number of projects to be award will be based on proposed budgets.

Bill Noll Leadership Award: The Bill Noll Leadership Awards provide support to undergraduate students in research projects designed to fuel passion in energy development and fisheries at the University of Alaska Anchorage. The fund will cover actual costs of a project up to \$5,000 plus a \$500 per project semester stipend awarded upon completion of the project. A maximum of \$13,000 awarded, number of projects to be award will be based on proposed budgets.



Previous 2021 Student Research & Creative Scholarship Showcase winners.

<https://www.uaa.alaska.edu/research/>

AMAZING STORIES BEING WRITTEN EVERY DAY.

UA is an AA/EO employer and educational institution and prohibits illegal discrimination against any individual: www.alaska.edu/nondiscrimination

Proposal Guidelines: The project should reflect an original research question or creative activity that will extend knowledge in your area of interest. Your proposal should consist of the eight (8) items listed below. Please use only Arial, Calibri, or Times New Roman fonts at a size no smaller than 10 point. All pages must be numbered.

1. Proposal Cover Sheet (see below) – The cover sheet must be fully completed and signed by the student and student’s faculty mentor.
2. Table of Contents
3. Project Summary (1 page maximum) - A one paragraph summary of the project proposal and a summary of project goals. Include in the summary a clear statement about the significance of the project and how it fits the aims of the award funding. Briefly explain what you will be doing, how you will do it, and why you are doing it.
4. Project Description (5 pages maximum)
 - a. Introduction (1-2 pages) - A review of the literature or appropriate works that supports the need for your research or creative activity. Explain the background of your research or creative activity topic including what problems or issues the research or creative activity addresses and how the research contributes to fields knowledge. Proposals should include (a) a statement of the research or creative activity question, problem and/or hypothesis; (b) a historical discussion of the impacts; and (c) a discussion of present understanding and/or state of knowledge concerning the question or problem.
 - b. Experimental/Project/Activity Design (1-2 pages) - Proposals should include a detailed description of how the research or creative activity project will be completed including (a) a sampling protocol and/or activity plan; (b) the methods and/or procedures to be used; (c) the data reduction and statistical analysis to be conducted or a description of the final form of the product.
 - c. Anticipated Results (1 page) - Provide the reviewers with a list of the results or deliverables expected. Proposals should include an interpretation and explanation of results or deliverables. Also, students may want to discuss or suggest further work that may help address the problem or activity they are trying to solve or perform.
5. Project Timeline - Outline the anticipated dates of completion of various stages of project. For example: When do you anticipate completing background research or study, fieldwork, lab work, budget expenditure, poster presentation, etc? Consider using a table, Gantt chart, or similar method of presenting this information. All applicants are required to prepare a poster which is approved by the supervising faculty.

For **Spring 22** and **Academic Year 22/23** submissions please be sure to include in the following items and dates:

- a. Project start date:
 - b. Project completion date:
 - c. The date of poster/video (less than 3 minutes in length) completion (a poster or video is only considered complete upon approval of the supervising faculty):
 - d. The date and venue that poster will be presented (this could be any local, national or international scientific gathering):
6. Project Budget (allow one page for the budget and one page for budget justification) - Include the cost of personnel, supplies, equipment and travel, and a brief justification for each item. At the bottom, include a sum total for the project. Please note the following exceptions:
- a. The student stipend should not be included in the project budget.
 - b. Travel will be allowed only if it falls within the same academic year as your research and there is a direct relationship between the research and the travel being proposed (e.g. for the purposes of conducting research, or to present results at a conference).
 - c. Funding for travel to a conference will be granted only if the student is accepted to present at that conference. If travel is planned as part of the project, please submit the travel expenses under the budget in this proposal process.
 - d. Expenses that will not be allowed include:
 - i. Compensation for the student's time
 - ii. Tuition to get credit for the project
 - iii. Supplies or equipment beyond what is clearly needed for the project

Note: Proposed expenses must be in accordance with UA Policy and Regulation, and funds must be expended as specified in the proposal. For this reason, please be as accurate as possible in estimating your expenses. Do not over-inflate your budget; conversely, do not underestimate what your actual costs will be. You may request your faculty advisor to direct you to the appropriate research administrator to assist you with any budget development questions you may have.

If the project has funding from a source in addition to the requested funding, include an appendix with information about the funding (e.g. grant proposal, contract, etc.), a short narrative that explains how the proposed project meshes with the external source, and a budget that shows what will be funded by this proposal and the external source.

7. Project References (no page limit, typically 1-2 pages) - Use the standard convention of discipline including the author, title or article, journal title, volume, pages, date published, and date accessed.
8. Undergraduate Research or Creative Activity Resume Form (up to 3 pages per form) – Form provided for application continuity among student disciplines and focus areas.

Instructions for Completing the Cover Sheet:

1. Download the editable file. Complete the form electronically.
2. Collect necessary signatures. You will need to print and scan the signed copy if you intend to collect wet signatures; or you can use docusign or similar digital program to collect digital signatures
3. Submit completed, signed cover sheet and all application materials to the Office of Research using uaa_OR@alaska.edu with the subject "Spring 2022 UGR Application"
4. You can contact the Office of Research for further information by e-mail uaa_OR@alaska.edu.

Scoring Criteria

a. **Application Quality** – The degree to which the application includes a design/approach that is scientifically/technically sound and feasible; clearly expresses existing challenges in the field and the innovative approach of the project (Supported by a literature review where appropriate); shifts paradigms by using innovative theoretical concepts, approaches or methodologies, instrumentation, or interventions applicable to one or more fields of research or creative activity. The proposal will be evaluated on clarity of language and aims, achievable goals, and objectives; and if partners are identified, describes their roles, responsibilities, and contributions to helping the project succeeds.

b. **Budget, Project Management, and Personnel Expertise** – The degree to which the application provides a reasonable and appropriate budget; includes adequate approaches, procedures and controls for ensuring timely and efficient expenditure of awarded grant funds; adequately describes expertise/experience to be represented on the project; describes facilities and other resources to be used on the project; provides a schedule with milestones and demonstrates the project will be adequately managed to ensure timely and successful achievement of project objectives; describes how progress toward achieving outputs and social, economic, and other representative outcomes will be tracked and measured; and describes how the project will be managed, including the roles and responsibilities of all faculty and student.

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Award Proposal Cover Sheet

Project Title: _____

Award Funding Name and Period of performance: **(Check one)**

- Spatz Spring/Summer 2022 (March 15-August 19, 2022)
- Spatz Academic year 2022/2023 (Academic year 2022/2023; August 22, 2022 – August 18, 2023)
- Meissner Spring 2022 (March 15-August 19, 2022)
- Alaska Cardiovascular Research (Academic year 2022/2023; August 22, 2022 – August 18, 2023)
- Fran Ulmer (Academic year 2022/2023; August 22, 2022 – August 18, 2023)
- Bill Noll (Academic year 2022/2023; August 22, 2022 – August 18, 2023)

Student Name: _____

Address: _____

Phone Number: _____

Degree Program: _____

Campus: _____

Email Address: _____

Major: _____

Will your project involve any of the following?

- a) Use of animals/ vertebrates? If yes or pending, IACUC#
- b) Research on Human subjects? If yes or pending, IRB#
- c) Use of radiation, chemical hazards, lasers, or any material/device potentially harmful to you or others?
- d) Generation of new intellectual property?
- e) Import or export of Data, Goods or Services?
- f) Classified Information/ Collaborative Research?

If yes to any of the above questions, please explain below:

Student Certification: My signature below certifies that this proposal constitutes original work, with references cited, and that I have no financial or other conflict of interest that would interfere with my ability to conduct the research/creative activity in an unbiased manner. I will also commit myself to complete the proposed project in collaboration with a faculty.

Student's Signature: _____ Date: _____

Sponsoring Faculty Name: _____ Department/ College: _____

Is this project receiving additional funding? If yes, please explain:

I certify that:

- a) I have read the student's proposal and he/she is capable of doing the work.
- b) I will take the responsibility of mentoring the student.
- c) I will work with the fiscal staff to manage the funds.
- d) I will serve as a reviewer for other students.

Faculty's Signature: _____ Date: _____

An unsigned document will not be accepted.

Please contact the Office of Research (uaa_OR@alaska.edu) for questions.

