

Reed College Biology Department

SUMMER UNDERGRADUATE RESEARCH FELLOWSHIP (SURF) AWARDS

Many sources of funding are available to provide summer research opportunities to Reed students in Biology (see reverse for descriptions of funding sources). To be considered, students should submit an application, which in many cases requires a proposal developed in consultation with a faculty advisor. Projects can vary in the degree to which they are student-driven or faculty-driven, but all proposals require an on-campus advisor.

Applicant Name (print):

Applicant Signature:

Major (print):

Research Mentor Name (print):

Research Mentor Signature (Draft): _____ Date approved: _____

Research Mentor Signature (Final): _____ Date approved: _____

Check here if grant funding may be available for this project

Field Award Approval Signature: _____ Date approved: _____

Important: Submit a draft of your application/proposal to your advisor *at least one week in advance of the deadline in order to obtain the first required advisor signature on the coversheet. The cover sheet must be signed again by your advisor upon final submission.*

Application Guidelines. Submit the following materials:

- 1) Signed Coversheet (scanned or image)
- 2) Research Proposal (all awards require a proposal, see page limits on reverse side)
 - A. Introduction & Background including hypothesis or project goal(s)
 - B. Methods
 - C. Potential scientific impact
 - D. References (use a consistent format)
 - E. Description of qualifications, past experience, or relevant course work

Submissions lacking a cover sheet (or other form of faculty approval) or that do not adhere to the page limits and all requirements will be returned without review. A single application can be submitted for consideration for multiple fellowships if appropriate (in cases where page length or requirements differ, please adhere to the longer limit and include all required components listed).

Submit the above materials here by the deadline: <https://forms.gle/Evr7i2DzQUshbrWA>. If you have trouble submitting via the link above you may email your materials to Harper Dziedzic dziedeha@reed.edu.

Deadline: noon, Wednesday, March 6, 2024 (note: early submissions are encouraged)

Typical awards will include a \$6400 summer stipend and up to \$1500 for supplies or equipment. In some cases, special arrangements may be made in consultation with a faculty member.

Participation in the end of summer poster session is expected upon receipt of any award.

BE SURE ALL REQUIRED COMPONENTS ARE INCLUDED WITH YOUR APPLICATION.

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Available Biology Fellowships & Specific Requirements

Betty Liu Biology Summer Research Fellowship

Requirements:

- Research proposal (1 page) written in consultation with research mentor.
- Completion of two years of college level study.

Notes: Preference will be given to students in good academic standing.

Helen Stafford Biology Summer Research Fellowship

Requirements:

- Research proposal (1 page) written in consultation with research mentor.
- Completion of one year of college level study.

Notes: Preference will be given to students in good academic standing.

Milton L. Fischer Memorial Field Research Fellowship

Requirements:

- Student-driven research proposal (2-4 pp).
 - The proposed work includes an experimental field component.
 - The proposal articulates how the work “will advance the principle of sustainable relationships between natural resources and society.”
 - The proposal explains how the research “will support positive change to watershed habitat and populations.”
- Valid State hunting and fishing license (must be obtained upon receipt of the award).
- Successful completion the Junior Qualifying exam.
- Letter of support from faculty mentor.
- Dr. Keith Karoly’s signature on cover sheet to certify proposal topic is appropriate for this award.

Notes: Preference given to Biology Majors and a final report is required for this award at the end of the summer.

Sandy River Gorge Field Study Award

Requirements:

- Student-driven research proposal (2-4 pp).
 - The proposed work will be conducted in the field at the Sandy River Gorge.
 - The proposed work includes a substantial field component.
 - Past project reports should be consulted in developing this proposal.
- Letter of support from faculty mentor.
- Dr. Keith Karoly’s signature on cover sheet to certify proposal topic is appropriate for this award.

Notes: A final report is required for this award at the end of the summer.

Arch and Fran Diack Student Field Research Award

Requirements:

- Student-driven research proposal (2-4 pp).
- The proposed work represents “an original contribution to understanding the natural world”; i.e., experimentation and or/data acquisition that can only be accomplished in the field must be a major component. The applicant must demonstrate competence in experimental design and/or sampling collection methodology, as well as an understanding of statistics. Past project reports should be consulted in developing this proposal.
- Letter of support from faculty mentor.
- Signature from Dr. Keith Karoly certifying appropriateness of the proposal for the award.

Notes: Funds can be applied to summer research or participation in an established field program and a final report is required for this award at the end of the summer.

Research fellowship appointment in the lab of:

- Some faculty have research grants available in their labs that are available to provide funding for summer research fellowships. Please discuss whether this type of funding is available in your

You are encouraged to also apply for other funding sources through other departments such as the Undergraduate Research Committee and the Center for Life Beyond Reed.

- Talk to your mentor to determine if you should also apply for other funding such as a Reed College Summer Research Fellowship (RCSRF), Mason Fellowship, or Climate Change Research Fund.