

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. 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).

Title:	Date submitted:
Applicant Name (print):	
Applicant Signature:	
Major (print):	
Advisor Name (print):	
Advisor Signature (Draft):	Date approved:
Advisor Signature (Final):	Date approved:
Additional Signature (for some awards):	Date approved:

Application Guidelines:

- 1) Coversheet and Checklist (complete this page, both sides)
- 2) Research Proposal (most 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)
- 3) Description of qualifications, past experience, or relevant course work

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.*

Deadline: 5 pm Wednesday, March 16, 2016 (*note: early submissions are encouraged*)

Proposals lacking a cover sheet or that do not adhere to the page limits and all requirements will be returned without review. Submit a paper copy (with a cover sheet) and an electronic copy of the proposal to the SURF Administrator, **Kristy Gonyer** (gonyerk@reed.edu, B115), by the deadline above.

Typical awards will include a \$4000 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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CHECK ALL THOSE AWARDS YOU WISH TO BE CONSIDERED FOR:

☐ **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.

☐ **Research fellowship appointment in the lab of:**

Requirements:

- Discussion with specific advisor; indicate advisor here: _____

☐ **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. Bob Kaplan’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.

☐ **This project proposal (or similar) is also under consideration for Reed College Science Research Fellowship (RCSRF) or some other campus-wide funding source: _____**

Requirements:

- Longer proposal format (without this form) submitted **separately** to RCSRF (or other) to be administered by the URC. (see <http://www.reed.edu/academic/studentgrants/index.html>)