SURF 2017 Funding Sources Descriptions

The following is a listing of some of the many of the SURF funding opportunities available at Smith College. The number of students supported by each fund depends on how much funding is available in the fund each year. The Directors’ office works directly with departments and programs to maximize awards to as many students as possible from the available funding sources. Please note that this listing does NOT include external opportunities such as NIST, research funding opportunities associated with the grants of individual faculty members, or CFCD.

SCIENCE CENTER

Schultz Foundation Undergraduate Research Fellowships.

Purpose: To provide Smith science majors with faculty sponsored research opportunities.

Our alumna Marilyn Schultz Blackwell '69, whose father, George L. Schultz, ran the family foundation, provided us with a grant in 1992 to create an endowed fund in support of SURF. We receive income annually to this Smith administered fund that primarily supports SURF stipends and activities as well as some other science student related activities. Note: The Schultz Foundation is no longer in existence as it once was when the fund was created. Not to be confused with the Schultz Family Foundation, created by Starbucks founder, Howard Schultz.

Department Eligibility: All science departments are eligible.

Criteria/Requirements: Funding available on a competitive basis to science majors and prospective majors, sponsored by a science faculty member.

Provost SURF Funding - NEW FOR 2017

Purpose: Support Faculty sponsored student research over the summer.

Department Eligibility: All science departments are eligible.

Criteria/Requirements: Funding available on a competitive basis to science majors and prospective majors, sponsored by a science faculty member.

BIOLOGICAL SCIENCES

B. Elizabeth Horner Fund Research Fellowships.

Purpose: To encourage field studies and research into the biology of plants or animals within the Department of Biological Sciences or the Program in Environmental Science and Policy.

Department Eligibility: Biological Sciences (undergraduate and graduate students).

Criteria/Requirements: Funding to be used for supervised independent research by Smith College students. Both undergraduate and graduate students are eligible.

Contact: Professor Virginia Hayssen (SR 236, ext. 3856). Applications are reviewed by the Horner Research Fellowship Committee.

Detail: The fund supports supervised independent research by Smith College students focused on field, museum, botanic garden, or captive study of plants or non-human animals that is neither disease-oriented nor predominantly molecular biology. The research should focus on understanding how plants and animals interact with their environments. This focus includes the kinds of projects that Drs. Horner and Burk worked on and published about during their many and productive years at Smith: conservation of plants and animals, animal welfare, animal behavior, plant and animal ecology, plants in the

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landscape, vertebrate and plant whole organism biology. Students may apply for funds to cover supplies, equipment to support summer research up to 20% of the value of that current year's fellowship. Money will reimbursed or paid as expenses are incurred and not given as a lump sum. An itemized budget with rational for each expense must be supplied and approved with the summer fellowship proposal.

**Blakeslee Fund in the Biological Sciences.**
**Purpose:** To encourage student/faculty research in the field of genetics.
**Department Eligibility:** Biological Sciences (undergraduate and graduate students).
**Criteria/Requirements:** Open to students interested in conducting genetics research with Biological Sciences faculty or research associates. Genetics research is interpreted in its broadest sense and includes developmental and microbial genetics, as well as gene expression.
**Contact:** Applications are reviewed by the Endowed Funds Committee, Biological Sciences.

**Nancy Kay Holmes Fund in the Biological Sciences**
**Purpose:** To provide support for continued research for graduating seniors in the Department of Biological Sciences.
**Department Eligibility:** Biological Sciences (graduating undergraduate students)
**Criteria/Requirements:** Open to students interested in continuing research with Biology faculty.
**Contact:** Applications are reviewed by the Endowed Funds Committee, Biological Sciences Department

**Margaret A. Walsh Grantham Fund Research Fellowships.**
**Purpose:** To encourage research in field and whole organism biology within the Department of Biological Sciences.
**Department Eligibility:** Biological Sciences (undergraduate students).
**Criteria/Requirements:** Funding to be used for independent research by Smith College students in collaboration with Biology Department faculty advisor.
**Contact:** Applications are reviewed by the Endowed Funds Committee, Biological Sciences.
CHEMISTRY

M.T. & J.P. Schiffer Endowed Fund
Purpose: Income from this fund will be used in support of student research opportunities for international students pursuing a degree in Chemistry.
Department Eligibility: Chemistry
Criteria/Requirements: Funding to be used for independent research by Smith College international students in collaboration with Chemistry Department faculty advisor.
Contact: Eligible Chemistry applicants reviewed by Chemistry Department chair.

Katherine C. Hauch ’21/Emma Bell Hauch ‘21 Endowed Fund
Purpose: Income from these funds were provided to support the Chemistry Department.
Department Eligibility: Chemistry
Criteria/Requirements: When available in a particular fiscal year, Chemistry provides supplemental SURF funding from these funds, usually partial awards.
Contact: Chemistry applicants reviewed by Chemistry Department chair.

Chemistry Alumnae Gift Fund
Purpose: One time gifts from Alumnae designated to support the Chemistry Department.
Department Eligibility: Chemistry
Criteria/Requirements: When available in a particular fiscal year, Chemistry provides supplemental SURF funding from these funds, usually partial awards.
Contact: Chemistry applicants reviewed by Chemistry Department chair.

MATHEMATICS AND STATISTICS

Ellen Borie Fund
Purpose: Income from this fund was provided to support the Mathematics and Statistics Department.
Department Eligibility: Mathematics and Statistics
Criteria/Requirements: When available in a particular fiscal year, Mathematics and Statistics provides supplemental SURF funding from this fund, often partial awards.
Contact: Mathematics and Statistics applicants reviewed by Chemistry Department chair.

Susan M. Rambo Fund.
Purpose: Established by Catherine Crook Ritchie, Class of 1931, in memory of Susan M. Rambo ’05. This fund provides support for summer student research in mathematics, with a secondary preference for summer student research in physics.
Department Eligibility: Mathematics (Physics)
Criteria/Requirements: Open to students interested in conducting research with Mathematics faculty.
ENVIRONMENTAL SCIENCE AND POLICY

**Agnes Shedd Andrea Fund**

**Purpose:** To support student research and internship opportunities within the Environmental Science and Policy field.

**Department Eligibility:** Environmental Science and Policy

**Program Criteria/Requirements:** Available to students in the ES&P program to support participation in research and internship opportunities.

**Contact:** Anne Wibiralske awibiralske@smith.edu x3332, Bass 107.

**Students applying for Agnes Shedd Andreae funding through the ES&P program, do NOT need to submit a SURF application.** Please contact Anne Wibiralske for an ASA application.

PSYCHOLOGY

**Frances Baker Holmes Internship Fund**

**Purpose:** To provide support for internship opportunities with preference for those within the psychology department. Fund may also be used to pay expenses associated with students’ internships.

**Department Eligibility:** Psychology

**Criteria/Requirements:** Open to students interested in conducting research with Psychology faculty, and to students interested in other internships in psychology.

**Mary Sweig Wilson Undergraduate Research Fellows (New for 2016)**

**Purpose:** This fund was established by a gift from Dr. Mary Sweig Wilson, 1962, for the support of students working on childhood language development first, and second, at the discretion of a faculty committee, on other childhood research. Dr. Wilson visited the students supported by the fund in Summer 2016.

**Department Eligibility:** Psychology

**Criteria/Requirements:** Students working with Psychology Faculty in the areas of childhood language development have priority, other childhood research proposals considered. Jill deVilliers administers the application process for PSY.