# Call for Proposals

# Scripps College research in Environmental Analysis

# Research and Pre-Thesis Fellowships

Scripps Collegeseeks student proposals for research or pre-thesis projects in Environmental Analysis for work in Spring 2017. Proposals are due online by Sunday, February 12th at 11 p.m. through the online application (http://inside.scrippscollege.edu/fellowships/scripps-college-research-in-environmental-analysis-research-pre-thesis-fellowships).

**Program Goals**

The goals of the Scripps College Undergraduate Research Fellowship in Environmental Analysis are to provide opportunities for students (1) to gain critically important research skills and training in a faculty-directed research fellowship, (2) to pursue their own research questions and more fully develop their senior theses with a pre-thesis fellowship on topics related to the environment and (3) to support senior thesis research on topics related to the environment.

**Types of Awards and Funding**

**Research Fellowship**: work with faculty member on the faculty member’s research initiatives on an environmental topic. Students receive a salary of $10.50/hour for their work on the project, with an estimate of 5 hours/week for 12 weeks. A fellow may apply for up to $500 to pay for supplies, materials, or travel. Students may not receive academic credit for salaried research positions.

**Pre-Thesis Fellowship**: student-driven project related to the student’s future senior thesis work on an environmental topic. Students may apply for academic credit following Scripps guidelines for petitioning for independent study credit. A fellow may apply for up to $800 to pay for supplies, materials, or travel.

**Senior Thesis Supplies**: provides funds for supplies and equipment for students engaged in senior thesis research on an environmental topic. Students engaged in senior thesis may apply for up to $250 to pay for supplies and equipment required for carrying out their projects. Preference will be for students majoring in Environmental Analysis; students writing a thesis on an environmental topic are eligible to apply. Applications for supplies do not require a full proposal.

## Eligibility

**Research Fellowship**: Scripps College students who are working with a faculty member on the faculty member’s research project related to the environment. This award does not fund thesis research for seniors.

**Pre-Thesis Fellowship**: Scripps College Juniors whose senior thesis will be on a topic related to the environment. This award does not fund thesis research for seniors.

**Senior Thesis supplies**: Scripps College Seniors whose senior thesis is on a topic related to the environment.

## Application/Implementation Timeline

Students will pursue these projects during Spring 2016 for completion by the end of classes in May. Students may apply for funding for Fall 2017 in the fall application cycle; however, continued funding is not guaranteed.

**Outcomes**

Each fall, the Research Fellows and their participating faculty members will present their research to the Scripps community. Students will produce a scholarly work from their faculty-directed research experience or pre-thesis fellowship or a reflection piece on the lessons learned during this fellowship. Students working with a Keck faculty member will participate in the Keck Research Symposium held in the early Fall 2017. Senior thesis students will acknowledge support from the fund in the senior thesis.

Proposals must include the following:

If a student’s research involves work with human participants, (e.g. surveys, interviews, taking oral histories) she must apply for approval from the Institutional Review Board (IRB). See <http://www.scrippscollege.edu/academics/irb/index.php> for information on how to apply. For questions on whether or not a project requires IRB review, contact IRB chair Professor Professor Gretchen Edwalds-Gilbert ([gedwalds@scrippscollege.edu](mailto:gedwalds@scrippscollege.edu)). If a student’s research involves work with animals, she must apply for approval from the KS Institutional Animal Care and Use Committee (<http://www.kecksci.claremont.edu/research/>). Contact Professor Melissa Coleman ([mcoleman@kecksci.claremont.edu](mailto:mcoleman@kecksci.claremont.edu)) with questions about animal use.

**Selection Criteria for Research Fellows**: The committee will evaluate the proposals based on:

* The strength and quality of the project to be accomplished during this timeframe;
* The feasibility of the project to be accomplished during the timeframe;
* An obvious collaborative effort between the student and faculty member;
* A clear demonstration that the project is designed to engage the student as an active intellectual participant and that the student will develop hierarchical skills;
* Outcomes that focus dually on process and product;
* Reasonableness of the budget.

**Selection Criteria for Pre-thesis Fellows:** The committee will evaluate the proposals based on:

* The strength and quality of the project to be accomplished during this timeframe;
* The quality and feasibility of the budget;
* A clear connection that demonstrates a progression to the senior thesis;
* The significance of the proposed research;
* The faculty mentor’s commitment as demonstrated by the letter of recommendation, their judgment of the student’s ability to carry out the proposed work, and their evaluation of the project’s feasibility;
* Reasonableness of the budget.

## Selection criteria for Senior Thesis Supplies:

* Clear connection between budget request and senior thesis;
* Documentation of costs;
* Reasonableness of the budget.

**Proposal Content for Research Fellows and Pre-thesis Fellows**

Potential applicants must discuss their projects with recommending faculty before applying. Applications must be received by February 12th at 11 p.m., 2017. All applications must follow the format below.

|  |  |  |
| --- | --- | --- |
| **Proposal Section** | **Proposal should address:** | **Suggested Length** |
| Project Description | What issue or problem is being addressed?  What are your goals and methods?  What activities will address your goals? | 1-2 paragraphs |
| Rationale/ Evidence | Why is the project important? How do you know it is important, what is your evidence (i.e., how has the issue or problem been documented and how will success be measured)?  What are the conditions or contexts in which the project will be taking place? | 1-2 paragraphs |
| Anticipated difficulties | What kinds of hurdles or limitations do you expect to encounter?  How would you address them? | 1 paragraph |
| Timeline of Activities | When are activities planned?  How can you assure the project will be completed within the proposed timeframe? | 1 paragraph |
| Outcomes | What specific outcomes do you want to achieve?  How will your planned activities achieve these outcomes? | 1-2 paragraphs |
| Evaluation plan | How will you know that you have achieved your outcomes?  What kind of evidence will you gather?  What kinds of assessments will you use? | 1-2 paragraphs |
| Budget | How much money will the entire project require?  How did you arrive at this budget? | one-half page |
| **Total** | Successful proposals will generally range from 2 to 3 pages in length. |  |

## Proposal Content for Senior Thesis Support

A senior applying for senior thesis supply money should write an abstract of her thesis, a budget for the application amount, up to $250, and brief description of how she will use the money. The application should be no more than one page beyond the cover sheet.

## Budget Narrative and Budget Summary

Please use the table below to organize your proposal’s budget information, or create your own grid using the budget categories below. Write a brief description of each budget item, then, attach a brief (less than one-page) budget narrative describing and justifying each item in detail.

### Budget Summary

|  |  |  |
| --- | --- | --- |
| **Budget Category** | **Brief Description** | **Total Budget** |
| Travel |  |  |
| Equipment |  |  |
| Materials/Supplies |  |  |
| Other |  |  |
| **TOTAL** |  |  |