

Anderson Summer Research Assistantships & Bowen Summer Assistantships in the Sciences Summer 2012

The Anderson Endowment Program and the Bowen Summer Scholarship Program provide Denison an opportunity to support student research in the sciences that is conducted under the guidance of a Denison science faculty member. The experience occurs during ten weeks of the summer when students conduct a research project and participate in the scholarly community that develops on campus. Students are paid a stipend of \$3,700, plus a room allowance for campus housing (both taxable). Each science student also has access to a small budget to cover supplies, software, equipment, and other items needed to perform the research.

General Guidelines & Expectations:

- All science majors are eligible although preference is given to current juniors and sophomores.
- A current continuing member of the science faculty who will be present on campus during the summer must serve as a mentor/sponsor for the student. As with other university scholars programs, science mentors are expected to routinely meet with the research student, with the timing of these meetings tuned to the rhythms of the research process.
- The student must be in residence on campus for the 10-week research experience, although some students may need to travel off campus to collect data. Typically such trips do not exceed 3 weeks of the research experience. Trips to collect data should be described in the project proposal. Students are permitted to travel to a research conference since such experiences are a reasonable means of professional development for students.
- To culminate the research experience each student will present a research poster during the Summer Science Symposium held in September 2012 and will submit an electronic copy of that poster for archiving purposes.
- Each student also will complete a survey at the end of the summer to evaluate her/his research experience.
- No academic credit is awarded for the summer research experience.

How to Apply:

1. Contact a faculty member in the sciences to discuss possible research projects and activities.
2. Write a proposal that describes the research project and follows the guidelines given below.
3. Submit an electronic copy of the proposal by email to the Anderson Endowment Coordinator, Jessica Rettig [rettig@denison.edu] by **Monday, January 30, 2012** and to the Academic Administrative Assistant of the department of your research mentor. This proposal must include an electronic signature from the mentor to indicate support for the proposal

Proposal Guidelines:

To be considered for funding your proposal must include the following items:

I. Cover Sheet – (download the coversheet template to begin your proposal)

1. Title of the Project
2. Your name, Slayter mailbox number, email address
3. Your major, major gpa, and cumulative gpa as reported at the end of Fall 2011
4. Your anticipated year of graduation
5. Your faculty mentor/sponsor's name, department or program affiliation, and electronic signature

II. Body of the Proposal

6. A description of the proposed project. This may include the objectives or goals, question of interest, the scientific context or background for the project, and the methods, techniques, or activities used in the project.
7. Include a Literature Cited or Bibliography of relevant papers using a citation format appropriate for your science discipline.

III. Optional

8. Include a timeline for your project if required by your mentor.
9. Include a description any travel/trips you need to collect data.
10. If the project has budgetary needs beyond the standard \$500, please include a budget proposal and justification.

Finally, some departments have specific guidelines in addition to those listed above. Please check with the chair of the science department or program in which you intend to apply to see if there are specific instructions for the proposal. Your research sponsor also should know about specific departmental expectations for the proposal.

Proposal Evaluation:

Proposals are evaluated by the department/program of the student's research sponsor/mentor. Each department ranks the submitted proposals and reports those rankings to the Anderson Endowment Coordinator. These rankings are used to determine which proposals are funded. Not all students who apply will receive funding. In 2009, 56 students applied and the Anderson and Bowen Endowments were able to fund 40 students. In 2010, the Anderson and Bowen Endowments funded 44 students, however 72 applicants applied, a 29% increase.

Need more information? Contact Jessica Rettig, Anderson Endowment Coordinator
Talbot Hall 215, ext. 5618, rettig@denison.edu

Proposal Deadline - Monday, January 30, 2012