

Scholarships and Awards Offered by the Indiana University Department of Biology (Recipients will be recognized at a ceremony held Friday, April 27, 2012 in Jordan Hall A100.)

Application Deadline: Monday, February 13, 2012, at 3pm.

Getting Started on the Application Process

- Each applicant should email Kathy Wyss (kwyss@indiana.edu) to request a drop box and to tell her who will be writing your recommendation letter.
- A secure Oncourse drop box will be created for the applicant, who will receive an email containing a link to the box.
- Recommendation letters are confidential, so each faculty member asked to write a recommendation will have a separate, secure Oncourse drop box created for him or her. An email containing a link to the box will be sent to the faculty member.
- **Get the application form and instructions for preparing your application here:**
<http://www.bio.indiana.edu/undergraduate/awards/index.shtml>.
- Some scholarships have **additional application requirements**. These will be noted below and should be incorporated into your application packet.

Available Scholarships and Awards

Biology Undergraduate Research Award

Funding provided by: Cook Incorporated of Bloomington, Indiana.

Eligible: Biology, Microbiology, or Biotechnology majors enrolled in Biology L490 or its equivalent.

Award: Up to \$1,500 for the best research paper written by a student. A copy of the winning paper will be presented to Cook Incorporated.

Additional Requirements for Application:

- Application must **include a copy of the research paper** that the applicant wrote.
- The required recommendation letter must be written by the applicant's **faculty research mentor**. This letter must describe the student's contribution to the research paper (including the percentage of the research that the student contributed).

Blatchley Nature Study Club Scholarship

Established in 1989 by the Blatchley Nature Study Club of Noblesville, Indiana.

Eligible:

- Junior Biology, Microbiology, or Biotechnology majors who plan to apply to a graduate Plant Biology or Ecology and Evolutionary Biology degree program.*
- Graduating seniors are not eligible to apply.
- Also open to Bloomington Graduate Students in Plant Biology or Evolution, Ecology and Behavior.

Criteria:

- Serious candidates should have a minimum grade point average of 3.0.
- Must have **Indiana residency** status with the university (**required**) and have financial need.
- Recipient must be willing to prepare and present a program to the club in Noblesville at a mutually agreed upon time, usually the following spring. (Undergraduates: Research conducted through Biology L490 or its equivalent could provide material for this presentation.)

*Class level eligibility is determined by credit hours completed at the end of the Spring 2012 semester. Sophomores have 26-55 hours; Juniors have 56-85 hours; and Seniors have 86+ hours.

Blatchley Nature Study Club Scholarship continued

Award: \$500.

Additional Requirements for Application:

- Application must include a **brief description of the student's research project.**

Howard W. Clark Scholarship

Established by Prudence L. Clark for the purpose of encouraging scholarship in botany, soil building, and plant breeding.

Eligible: Junior/Senior Biology, Microbiology, or Biotechnology majors interested in botany, soil building, & plant breeding.*

Criteria: GPA of 3.3 or better.

Award: \$500.

Sears Crowell Scholarship

Established in honor of Professor Emeritus P. Sears Crowell, Jr., to allow a student to attend a summer field station, preferably marine, approved by the Department of Biology.

Eligible: Any Junior, Senior, or Graduate Student in the Department of Biology.*

Criteria: Available to students enrolling in an internship program or course, preferably marine, at a field station.

Award: \$1,000 for an undergraduate Junior or Senior; \$1,000 for a Graduate Student.

Additional Requirements for Application:

- **Application must include a statement that details:**
 - **Your career goals;**
 - **How the summer field station will help you achieve those goals; and**
 - **The expenses involved in participating in the program or course at the field station.**

Carl H. Eigenmann Scholarship

Dr. Eigenmann was a distinguished researcher of fishes and evolution, Chairman of the Zoology Department and Dean of the Graduate School. This endowment is a bequest of his daughter, Adel R. Eiler.

Eligible: Any Biology, Microbiology, or Biotechnology major interested in zoological or other biological research.

Criteria:

- GPA above 3.3.
- Sincere interest in biology; research, academic, or professional application is essential.

Award: \$500.

Arlene Ferguson Internship at Hilltop Gardens

Established in 1990 by Mr. Stephen L. Ferguson, a local Bloomington attorney, in memory of his mother.

Eligible: Those with a demonstrated interest in botany.

*Class level eligibility is determined by credit hours completed at the end of the Spring 2012 semester. Sophomores have 26-55 hours; Juniors have 56-85 hours; and Seniors have 86+ hours.

Arlene Ferguson Internship at Hilltop Gardens continued

Criteria:

- Must be of at least Sophomore standing.*
- Must have a minimum grade point average of 3.0.
- Graduating seniors may not apply.
- Recipient must be enrolled in the **Spring 2013** semester at IU Bloomington.

Award: \$500. Recipient serves an internship at Hilltop Gardens for 5-8 hours each week during the **Spring 2013** semester, under the guidance of Hilltop staff, who will assist in the selection process.

Fox Glen Research & Education Fund

Established with the support of John Sinclair to encourage effective undergraduate participation in research. This award is based on scientific merit and is unrelated to need and GPA.

Eligible: Biology, Microbiology, or Biotechnology majors engaged in undergraduate research through Biology L490 or its equivalent.

Criteria:

- Applicant must have had at least 1 previous semester of L490 or its equivalent.
- Applicant must submit a research paper (written by the applicant) in the form of a publishable manuscript. (Paper must define a hypothesis; describe why this is important; propose an experimental test of the hypothesis; carry out the experiment and interpret the results and impact of the evaluation of the hypothesis; and finally, propose future work.)

Award: \$500.

Additional Requirements for Application:

- **Application must include a copy of the research paper that the student wrote.**
- The required recommendation letter must be written by the applicant's **faculty research mentor**. The letter must describe the applicant's contribution to the research paper (including the percentage of the research that the student contributed).

Rex Grossman Award

Dr. R. Daniel Grossman, an alumnus and respected local ophthalmologist established this award. He takes special interest in this scholarship established in his father's memory. Premedical or Preoptometry study and financial need are strong criteria.

Eligible:

- Graduating Senior Biology, Microbiology, or Biotechnology majors accepted to medical school or optometry school.
- Students must be enrolled during the **Spring 2012** semester.

Criteria: High GPA; financial need; demonstrated good citizenship.

Award: Up to \$2,000.

Additional Requirements for Application:

- **Be sure to indicate in your application if you have been accepted to medical school or to optometry school.**

*Class level eligibility is determined by credit hours completed at the end of the Spring 2012 semester. Sophomores have 26-55 hours; Juniors have 56-85 hours; and Seniors have 86+ hours.

Indiana Daffodil Society Scholarship

Established by the Indiana Daffodil Society in 2011. The group was able to fund this scholarship through their summer and autumn bulb sales.

Eligible:

- Any Junior or Senior obtaining an undergraduate degree from the Department of Biology, with an emphasis of study in botany, preferably ornamental crops.*
- The group is opposed to supporting genetic modification of plants that bypass natural selection. Acceptable areas of interest include plant breeding (providing any deliberate genetic crosses use naturally isolated alleles); genetics; ecology (natural culture conditions); and plant evolution.
- Students in the field of plant molecular biology or biochemistry are able to apply as long as work in these fields does not directly produce or optimize stains that would be used in the field.
- Preference will be given to an applicant with a strong interest or experience in the growing, breeding, and/or showing of daffodils.

Criteria:

- Must have a GPA of 2.8 or better.
- **Must be a U.S. resident, with preference given to residents of Indiana.**
- Financial need is one of the criteria the society wishes to have considered, so be sure to address this issue in your personal statement.
- Recipient must attend one of the Indiana Daffodil Society meetings held at Holliday Park in Indianapolis, Indiana, during the year following his or her award.

Award: \$1,000.

Additional Requirements for Application:

- **Applicant's personal statement must detail his or her qualifications for the award, including any extracurricular or volunteer work.**
- **Two letters of support must be written, one of which must be from a Biology department faculty member.**

L.S. McClung Scholarship in Microbiology

Established in 1987 by Cornelius F. Sterling (BA Bacteriology, 1942) to honor Professor Emeritus L. S. McClung.

Eligible: Microbiology majors who **are Indiana residents (required) as defined by Indiana University**, and who, upon graduation, will work in the field of Microbiology or plan to pursue a graduate degree in that field.

Criteria:

- Overall GPA of 2.00 or greater.
- Science GPA of 3.00 or greater.
- Student must be enrolled at IUB in Fall 2012 and **have Indiana residency.**
- Graduating seniors and non-Indiana residents are not eligible.

Award: \$3,000.

Microbiology Undergraduate Summer Research Program

Established by Professor Emeritus L. S. McClung and his friends in 1989. This award provides funding to a Microbiology student performing L490 (or its equivalent) research on the Bloomington campus during Summer Session 2012.

Eligible: Microbiology students enrolled in at least one hour of L490 (or CHEM-C409 or MSCI-M450) on the Bloomington campus during Summer Session 2012.

*Class level eligibility is determined by credit hours completed at the end of the Spring 2012 semester. Sophomores have 26-55 hours; Juniors have 56-85 hours; and Seniors have 86+ hours.

Microbiology Undergraduate Summer Research Program continued

Criteria:

- First preference given to recipients of the L. S. McClung Scholarship.
- Other highly qualified Microbiology students are also eligible.
- Award recipient must write a paper in the form of a publishable manuscript. (Paper must define a hypothesis; describe why this is important; propose an experimental test of the hypothesis; carry out the experiment and interpret the results and impact of the evaluation of the hypothesis; and finally, propose future work.)

Award: \$3,500.

Additional Requirements for Application:

- **Your application should include a brief description of your research.**
- The required recommendation letter must be written by your **faculty research mentor**.

Alfred Parson Mower Award

Established in 2011 by departmental alumna Tracy L. Lawhon in memory of her grandfather, Alfred Parson Mower, who funded her undergraduate education.

Eligible: Open to select undergraduate students with a declared major from the IUB Department of Biology.

Criteria:

- Candidates must be **U.S. residents**.
- Must be entering their Junior or Senior year.*
- Applicants must have a minimum overall GPA of 2.0, and a science GPA of 3.0 or better.

Award: \$500.

*Class level eligibility is determined by credit hours completed at the end of the Spring 2012 semester. Sophomores have 26-55 hours; Juniors have 56-85 hours; and Seniors have 86+ hours.