

# CURE Summer Undergraduate Research Program Application (2015)

**(Please do NOT include this description page with your application.)**

The Department of Biochemistry and Biophysics is pleased to announce the availability of undergraduate research opportunities to BB students who have completed their freshman, sophomore, or junior years of college by June, 2015. Sponsored by the Ray and Frances Cripps Education Endowment, these Cripps Undergraduate Research Experience (CURE) fellowships give undergraduates unique, paid research opportunities with BB researchers. No previous research experience is required of students in the program, but each applicant must be sponsored by a Biochemistry and Biophysics faculty member. Students who wish to participate and have not yet identified a sponsoring faculty member should contact Dr. Kevin Ahern at [ahernk@onid.orst.edu](mailto:ahernk@onid.orst.edu) as soon as possible.

The fellowships require a \$2200 match from the sponsoring faculty member and provide \$4400 in total pay for 11 weeks of full time research in a sponsoring faculty member's laboratory. Participate in an end-of-the-summer symposium is required.

This application consists of two documents – one prepared by the student applicant and one prepared by the mentor. The student application includes one section that requires input from the mentor on the proposed research to be performed. Applications should be emailed as attachments with the student's full name in the title of the attachment to [ahernk@onid.orst.edu](mailto:ahernk@onid.orst.edu). The mentor section can be submitted separately from the student section, if desired. Upon our receipt of your application, you will receive a confirming email from Kevin. Questions should be addressed to Kevin Ahern at 541-737-2305 or [ahernk@onid.orst.edu](mailto:ahernk@onid.orst.edu). All applications must be received no later than 5:00 p.m., May 15, 2015. Awards will be announced May 18. We welcome a diverse group of student participants – students new to research, as well as those with previous experience. Students who have completed their freshman year are encouraged to apply. Preference will be given to applicants who have completed 1, 2, or 3 years of university or college training with a research plan appropriate to the student's level of experience. Students who have applied for other research support (such as OSU's KARE, URISC, URSA, and SURE programs) at any time in their academic careers will be given preference over students with no such applications. Students must note these applications/awards in their application in order to receive credit for them.

New this year, we will be reserving one CURE award for a student who is from an underrepresented minority. The Diversity CURE awardee does not have to be a BB student and indeed can be an undergraduate from a school other than OSU.

## **Miscellaneous notes**

- A. Student applications will be downgraded for 1) not following instructions; 2) improper grammar / spelling; 3) lateness
- B. A student who is not selected for an award will be eligible to fully participate in the program if their mentor is able to provide funds for their participation in the program. Anyone interested in this option should contact Kevin for more information after the first round of announcements is made in late May.
- C. Full funding for 11 weeks in the program requires satisfactory progress and meeting of program expectations. Students who fail to meet these expectations (spelled out in orientation sessions) may be dismissed prematurely from the program and will lose stipend from that point forward.
- D. Evaluations are scored on five criteria – GPA, student initiative, proposal quality, mentor success with previous students, and how carefully instructions are followed. Preference will be given to BB majors working with a BB faculty member. Faculty can sponsor more than one student, but an effort will be made to fund at least one student in each sponsor's lab before funding a second or third student in any one faculty sponsor's lab.
- E. Attendance and participation in the annual symposium at the end of the summer is expected of all participants. The faculty mentor is expected to work with the student on preparing a short professional talk describing their work.
- F. An orientation meeting for program participants will take place in late May at a time to be announced.

## 2015 CURE Award Application Form, Student Section

**1. Applicant Name:**

**Title of Research Project:**

**OSU ID#:**

**Date of Birth:**

**Last 4 digits of Social Security Number (required for reporting):**

**OSU email address:**

**Phone Number:**

**Name of Faculty Mentor:**

Other applicant information

Hometown:

Hometown newspaper:

Hometown state representative:

Hometown state senator:

Total college credit hours completed as of May 1, 2015:

Expected graduation date:

Current cumulative GPA:

Major:

2. Preference will be given to students who have applied for research funding from other sources (see above). Please indicate all other undergraduate research awards (such as KARE, URISC, URSA, SURE or programs at other schools) that you have applied for since you enrolled at OSU (including pending applications) and which, if any, of these have been funded.

3. Please describe in your own words how participation in the program will contribute toward your educational and career goals (one page maximum)

4. Please include a description (two page maximum) of the research to be completed during the summer (this part of the application should be completed in collaboration with your mentor). Your description must include 1) background of the proposed research; 2) a hypothesis to be tested; 3) how you will test the hypothesis; 4) the significance of the findings you hope to make

5. If you have been active previously in this research, please indicate how long this involvement has been.

6. Please indicate what percentage of the research description was written by you and what percentage was written by the mentor.

**My contribution: \_\_%**

**Mentor's contribution: \_\_%**

7. When submitting your application, it should be given a name starting with your last name followed by your first name. For example, Kevin Ahern would submit the application with the name Ahern Kevin. Applications must be submitted in MS Word format.

8. This application must be received by email (no printed applications) by Kevin Ahern at [ahernk@onid.orst.edu](mailto:ahernk@onid.orst.edu) no later than 5:00 p.m. on May 15, 2015. If you send an application and do not receive an email reply indicating it has been received within 24 hours, please notify Dr. Ahern ASAP.

Failure to follow instructions and/or missing deadlines will result in a lowering of priority score for a student's application.

## 2015 CURE Award Application Form, OSU Mentor Section

1. Faculty Mentor Name and Department:

2. If students under your mentorship received CURE awards in the past, please give:

a) Name and academic year of student at time of support

b) Year of the CURE award:

c) Title of the project:

d) **(IMPORTANT)** Description of the work and its significance to the student and/or science (fifty-word limit; written in a style that can be appreciated by laypersons who might be interested in donating money to support similar programs in the future)

3. Publications, presentations, or theses authored or co-authored within the past five years by undergraduate research students working under your supervision.

4. Please confirm that you will be able to provide matching funds (\$2200) should he or she be accepted in the program this year.

5. If there are other considerations about this application that we should be aware of, please indicate so here.

6. The student section of the application requires your assistance regarding the proposed project. Please indicate what percentage of the research proposal was written by the student. \_\_%

Did you have to do significant editing of the student's writing for the proposal?

7. Are you willing to allow your student in the program to publish his/her results in the student publication called The Catalyst if full copyright rights are assigned to you and/or the student?

Please email this form to [ahernk@onid.orst.edu](mailto:ahernk@onid.orst.edu)

It may be emailed with or separately from the student portion of the application.