



## AWARD APPLICATION ANNOUNCEMENT

for

### THE TRINITY COLLEGE RESEARCH FORUM IN BIOLOGY

To encourage undergraduate independent research in the biological sciences, the Trinity College will award 15 biology majors as the Biology Research Forum Fellows. Students selected to be the Biology Research Forum Fellows will enroll in a special seminar course, Bio 199S (Current Research in Biology), in the spring semester 2012 and participate in presenting and discussing their research projects, writing and reviewing research proposals, and discussing ethical issues in the conduct of biological and biomedical research. The course fulfills Ethical Inquiry, Writing, and Science/Technology/Society modes of inquiry in the curriculum. The Forum Fellows will also be awarded \$400 individually to support their independent study projects.

The Forum will **give priority to Biology majors in their Junior year** who plan to apply in their senior year for **Graduation with Distinction** in Biology, although other applications will also be considered. The research must be carried out in connection with a formal independent study for which the student is enrolled in Fall 2011 and/or Spring 2012 and is supervised by a Duke faculty member. The mentor need not be in the Biology Department, and faculty are welcome to sponsor more than one applicant. Prior TC Biology or Neuroscience Forum participants are not eligible to participate.

Please note that the deadline for receipt of applications is **5:00 p.m. Friday, October 21, 2011**. Applicants will be notified by e-mail, no later than October 27.

**Application Guidelines.** Applications should be typed (single-spaced) and should include items 1-3 listed below. Together, sections 2 and 3 should not exceed one page in length.

Applications contain items 1-3 should be submitted electronically as a single pdf file attachment to:

Dr. Tai-ping Sun, Department of Biology, email: tps@duke.edu

**\*\*Please state "Biology Research Forum" in the subject line when sending your email application**

1. **Cover page** -- This should include the title of the research, departmental affiliation of the research mentor and the student's and mentor's names, e-mail and mailing addresses, and telephone numbers. Note the academic year (Sophomore, Junior or Senior) of the student.
2. **Background and Justification** -- a **brief**, single-paragraph description, including reference citations where appropriate, of the scientific context for the study, written so as to be accessible to a non-specialist but scientifically literate reader. (This and the following section should be composed and written by the student.)
3. **Objectives** -- A clear statement of the central problem or question and the student's role in addressing it.
4. **A Brief Email from the Advising Professor** -- This should be sent directly to Dr. Sun. The email should **have "Biology Research Forum" in the subject line**, and indicate that the applicant is or will be conducting independent study in the professor's lab and specify the student's project title.