

**2012 Summer Undergraduate Research Fellowship Program**  
**Drake University**  
**DUSCI**  
*Application deadline is Friday, February 27, 2012, 5:00 pm*

Drake Undergraduate Science Collaborative Institute (DUSCI) anticipates awarding six summer fellowships to students interested in pursuing their research. Proposals from the science and math departments are welcome and encouraged.

**The Fellowships**

The fellowships provide an opportunity for undergraduate students and their faculty mentors to engage in eight weeks of full-time scholarly activity. Each fellowship will provide a \$3,000 student award and a faculty award.

**The Program**

The Summer Research Program features:

- Eight weeks of research (May 28 –July 20, 2012)
- Weekly brown bag luncheon that will focus on career options and scientific presentations
- Fields trips
- Seminars from each research team
- At the end of the research period, students will give oral presentations of their research projects.
- Socials and cultural events

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**Application Form**

This application consists of 3 parts:

1. Cover sheet
2. Research Narrative
3. Faculty letter

Submit completed applications to: DUSCI, Maria Valdovinos, Director, Psychology Department, Olin Hall or sent an email to [maria.valdovinos@drake.edu](mailto:maria.valdovinos@drake.edu)  
Funding decisions will be made by mid March.

**Research Report(s)**

If you are funded, you are *required* to submit to DUSCI a brief abstract describing your research accomplishments. A form for your abstract will be emailed to you. It must be submitted *by August 31, 2012*.

**Institutional Review Board and Institutional Animal Care and Use Committee**

Students whose research involves people, whether as participants in experiments or as respondents to interviews or questionnaires, *are required* to report their research to the Institutional Review Board (the IRB). In addition, some research proposals must be reviewed and approved by the IRB. Students whose research involves animals *are required* to report their research to and receive approval from the Institutional Animal Care and Use Committee (IACUC).

If your research is a part of an ongoing faculty research project, it may already have been reported to the IRB or IACUC and you may not have to report your summer project. Talk to your faculty sponsor, read the IRB and IACUC guidelines and procedures, available at: <http://www.drake.edu/academics/irb/> <http://www.drake.edu/academics/iacuc/index.php>, or consult with the chair of the IRB and/or IACUC.

## 1. Cover Sheet

- Name of applicant:
  - Drake ID number:
  - Email address:
  - Expected year of graduation (class year):
  - Declared major(s) (if not declared, write “none”):
  - Title of research proposal:
  - Name of faculty sponsor(s):
  - Faculty sponsor(s)’ department(s):
  - List below the year and source of funding (*e.g.* NSF, NIH, Research Corporation, DUSCI, *etc.*) for summer research at Drake for the last three years. If you have not received support for summer research before, write “none”. If support is pending, write “pending”.
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- Indicate if you have funds to conduct research during this summer (indicate the source)
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- I have read and will comply with the Institutional Review Board or Institutional Animal Care and Use Committee requirements for research involving people or animals.  Yes  No
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- Signature of applicant, and faculty sponsor(s)  
Applicant

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Faculty sponsor(s)

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## 2. Research Proposal

Please attach a description of your proposed research plan, *written for a non-specialist*. Your narrative (not including figures, tables, and bibliography) should be no longer than four (4) pages, double-spaced, in 10, 11, or 12 point font.

Your research proposal should:

- Identify the question(s) to be addressed by your research project, and describe its(their) significance.
- Specifically and concretely describe the experimental plan, approach(es), or methodology you will use, and how your methodology/approach(es)/experiment(s) will address the research question(s) listed in the first section.
- Describe any alternative approaches or experimental plans, if applicable.
- Include appropriate reference for the proposed research in the appropriate format for a journal in your field of research

Please consult with your faculty sponsor when preparing your proposal.

## 3. Faculty Statement

Please attach a signed letter from your faculty sponsor answering the following questions about you and your research proposal. Faculty comments should be limited to two (2) pages, double-spaced and *should not explain, amplify, or repeat the research proposal in Part 2*.

- Is the background and experience of the student applicant appropriate for the project? Comment on the student's academic performance in your department or program.
- What is the need for the student in the research proposal? If the student is not involved in the entire project, what role will the student play?
- How does the student's research proposal relate to your overall research program (if applicable)?
- In what way do you expect participation in this research project to benefit the student?
- What are your realistic expectations for progress by the student in this research project?