Call for Undergraduate Applications
2010 Research Scholarship Program

The Beckman Scholars program at UVA will provide annually one or more $19,300 scholarships to highly talented, research-oriented students who will work in select mentors’ laboratories for two summers and the intervening academic year. In addition to summer salary and academic year financial support, these scholarships sponsor travel to and participation in national scientific meetings, and promote a professional level of research achievement during the undergraduate years.

Funded by the Arnold and Mabel Beckman Foundation, the intent of this program is to advance the education, research training and personal development of select students in chemistry, biochemistry, and the biological and medical sciences.

UVA faculty mentors

<table>
<thead>
<tr>
<th>Linda Columbus (Chemistry)</th>
<th>Cameron Mura (Chemistry)</th>
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<tbody>
<tr>
<td>Barry Condron (Biology)</td>
<td>Craig Nunemaker (Medicine)</td>
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<td>Cassandra Fraser (Chemistry)</td>
<td>Jason Papin (BME)</td>
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<tr>
<td>William Guilford (BME)</td>
<td>Shayn Peirce-Cottler (BME)</td>
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<tr>
<td>Thomas Gunnoe (Chemistry)</td>
<td>Richard Price (BME)</td>
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<tr>
<td>Dean Harman (Chemistry)</td>
<td>Dorothy Schafer (Biology)</td>
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<td>Marcia McDuffie (Microbiology)</td>
<td>Jill Venton (Chemistry)</td>
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<td>Michael Menaker (Biology)</td>
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Program requirements
Once awarded, Beckman Scholars agree to meet the following requirements and expectations:

- Scholars must work in the laboratories of one of the fifteen faculty listed on the previous page.
- Scholars must work in their mentor’s laboratory full time for 10 weeks during each of the summers of 2010 and 2011, and 10 hours per week during the 2010-2011 academic year.
- Scholars must take an intensive course on academic and professional writing (ENWR 3800).
- Scholars must present their work at a major scientific conference, and must attend an annual Beckman Scholars Annual Symposium in Irvine, California (expenses paid).
- Scholars are ideally expected to publish their work in a peer-reviewed scientific journal.

How to apply
All applicants must have developed a research plan with one of the mentors on the previous page. No later than the 26th of March, applicants must submit electronically the following documents:

1. A letter describing the student’s interest in pursuing research as a component of their broader career goals, any relevant research experience or personal background, and how participation in this program will advance their academic and research career.
2. A current curriculum vita or resume
3. An unofficial UVA transcript
4. A succinct research plan, one to two pages in length, that includes (a) background as necessary for a non-expert scientist to understand the research problem, (b) the question to be answered or hypothesis to be tested, (c) the scientific approach to be taken and methods to be used, and (d) how the data will be used to answer the question or test the hypothesis. Literature cited is not included in the two page limit, but the research plan must be clear without requiring the reader to access the cited literature.

In addition, applicants should have two letters of support sent electronically:
1. A letter of support sent directly to us by the research mentor that includes a statement of the significance of the work, and the promise of the applicant as a scientist
2. A second letter of support sent directly to us by someone familiar with the applicant, but outside their research mentor’s lab

Applicants and letter writers should email their materials to Beckman.Scholars@virginia.edu. All files should include the applicant’s family name in the file name (e.g. jones cv.pdf).

Important dates
March 26 – Deadline for applications
April 5 – Finalists are announced
April 16 – Beckman Scholars for 2010 are announced
April 27 – Beckman Awards Banquet in the Rotunda

For more information, speak with one of the faculty mentors or contact the program director:

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(434) 243-2740