

BECKMAN SCHOLARS PROGRAM APPLICATION

Trinity University has received funding for a Beckman Scholars Program. Students will be selected from those majoring in the Departments of Chemistry and Biology. Sophomores and juniors are eligible. Successful applicants will commit to two summers (2005 and 2006) of full time research in addition to the intervening academic year. Students will receive:

\$5,500 as a stipend per summer

\$3,600 as a scholarship during the academic year

\$750 is available for summer research supplies and travel

\$1,500 is available for academic year research supplies and travel

Beckman Scholars will enroll for at least 1 hour credit each semester of research (equivalent to 10 hours of weekly research in either CHEM 3190 or BIOL 3190) during the 2005-2006 academic year. Beckman Scholars will attend the annual summer research symposium held at the Beckman Center of the National Academies of Science and Engineering in Irvine, CA during the second summer. All expenses are covered for this trip.

Trinity University will select three Beckman Scholars to begin their research in the summer of 2005. Applications are due to **Dr. Koppenheffer** (Biology) by **February 16, 2005**. Selections will be announced the week prior to spring break.

Applications consist of:

- An unofficial transcript of grades
- Two letters of recommendation (one of which is from the research advisor)
- A completed application form.

The minimum qualifications will be:

- Sophomore or junior standing with a declared major in biology, biochemistry, biochemistry/molecular biology, or chemistry.
- Grade point average of 3.3 or higher overall *and* in science and mathematics courses.

Preference will be give to students with prior research experience and research career objectives, as well as to students who rank in the top 10 percent of students in their major.

The Beckman Scholars Committee will then interview a group of finalists selected on the basis of these criteria and the completed applications. Students not currently in a research program, or those proposing to change research advisors, are required to discuss their research plans with three potential research advisors. Beckman Scholars can perform research with any of the participating faculty: Biology-Brod, Espy, King, Ribble; Chemistry-Bachrach, Bushey, Chandler, Mills, Pursell. Collaborative research with other faculty is acceptable, however, at least one of the research directors must be one of the participating faculty

Applications can be found on the Biology Department web page (www.trinity.edu/departments/biology) or from Ms. Sandra Miller in the Biology Department Office.

BECKMAN SCHOLARS APPLICATION FORM.

Please complete the following, attach a current transcript, and arrange for two letters of recommendation (one letter should be from your academic advisor) to be sent to **Dr. Koppenheffer** (Biology) by **February 16, 2005**.

Name: _____ Major: _____

Expected Graduation date: _____

Proposed research advisor(s) _____

If selected as a Beckman Scholar, I understand that I am committing to participation in faculty-directed research during the summer of 2005, through the 2005-06 academic year (taking at least 1 credit hour of research each semester), and during the summer of 2006. I also understand that I am expected to attend the Beckman-Summer Research Symposium during the summer of 2006.

Signature

date

1. Describe your career and professional goals. What has inspired and motivated these goals? Do not exceed this space.

2. State why you wish to be considered a Beckman Scholar. Do not exceed this space.

3. Describe any prior research experience. Do not exceed one page.

4. Describe your research plans for the Beckman scholarship. How is this proposed project appropriate to your scientific development? If you are proposing to change research advisors, how is this change appropriate to your scientific development? Do not exceed two pages.