

Pharmaceutics Summer Undergraduate Research Program 2008

The Department of Pharmaceutics and Pharmaceutical Chemistry at the University of Utah offers a ten-week summer program for select, talented undergraduate students to participate in paid laboratory research experiences. Students pursue independent research projects under the supervision of faculty and research assistants, applying chemical and biological principles to important problems involving drugs and related molecules. Pharmaceutical Chemistry focuses on improving and understanding therapeutic effects of drugs and methods to minimize their toxicity by controlling drug delivery to specific sites of action. This involves increased attention to physical-organic, physical, biophysical and analytical chemistry, along with molecular and cell biology.

Students will engage in full-time research in close collaboration with faculty and graduate students. The program provides an opportunity for students to gain valuable research experience while evaluating the possibility of entering a graduate program in pharmaceutical sciences. Participants receive basic instruction in laboratory and research techniques including laboratory safety, effective use of a major university science library, and instruction in the first-hand use of specialized laboratory instrumentation relevant to specific research problems.

Who Should Apply

The program is competitive. Undergraduates who have completed their junior year by the beginning of the summer 2008 are encouraged to apply, but highly qualified sophomore students will also be considered. Coursework in general and 2 years of organic chemistry (with labs) should all be completed before the start of the summer program.

Stipend, Housing, Travel and Academic Credit

Students receive a competitive stipend, subsidized on-campus housing, meal allowance and travel allowance (out of state participants). Participants will enroll as students at the University of Utah for the summer semester and receive academic credit for their research work. Excellent recreation facilities, outdoor amenities and other University privileges are available to program participants. Organized group activities in recreational and professional forms are a component of the program.

For More Information Call or Write:

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Learn more about Utah's Pharmaceutics Research Program at:
www.pharmaceutics.utah.edu

IMPORTANT: The Utah program begins Tuesday, May 27th. **It is essential that all participants arrive on or before Tuesday, May 27th; if you will be unable to meet this requirement, we ask that you not submit an application.**