



# Summer Undergraduate Research Program

Learn (and earn) about the Chemistry and Biology of Drug Research

**May 27 – August 1, 2025**

The Department of Pharmaceutical Chemistry at the University of Kansas offers a ten-week program for undergraduate students to participate in paid laboratory research. Students will engage in a full-time research experience under the supervision of faculty members and in close collaboration with graduate students and postdocs, applying chemical principles to problems involving drugs and related molecules. In Pharmaceutical Chemistry, the emphasis is on promoting the therapeutic effects of the drug or to minimize toxicity by controlling delivery of the drug to specific sites of action. This involves increased attention to physical-organic, physical, biophysical and analytical chemistry.

The program provides an opportunity for students to evaluate the possibility of entering a graduate program in pharmaceutical sciences. As a direct result of the summer undergraduate research experience, many former participants entered graduate schools and successfully completed doctoral degrees. 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 of importance to a given research problem.

### Who Should Apply

Undergraduates who have completed their junior year by the beginning of the summer are encouraged to apply, but highly qualified sophomore students will be considered. Courses in general, organic and analytical chemistry should be completed before the start of the program.

*The University of Kansas is an Equal Opportunity/Affirmative Action Employer. Applications are invited from all qualified people regardless of race, religion, color, sex, disability, national origin, ancestry, age or veteran status. Applications from minorities and women are especially encouraged.*

### Stipend, Hours, and Academic Credit

Participants will receive a competitive stipend plus room and board in one of the university's dorms. Students will be enrolled in one credit hour of a graduate level course at the University of Kansas for the summer semester and receive academic credit for their research work. Excellent recreation facilities and other University privileges are available to program participants.



**For more information and apply on-line visit:**

[www.pharmchem.ku.edu/  
undergraduate-research-program](http://www.pharmchem.ku.edu/undergraduate-research-program)

OR

Contact:

Department of Pharmaceutical Chemistry  
Michelle Huslig  
Program Manager  
E-mail: [pharmchem@ku.edu](mailto:pharmchem@ku.edu)

**Selections will be made on a rolling basis and  
students notified prior to the completion of  
evaluation period on February 15th.**

Supported by the:

**DOUGLAS & A. YVONNE MENDENHALL PHARM CHEM UNDERGRADUATE RESEARCH FELLOWSHIP**