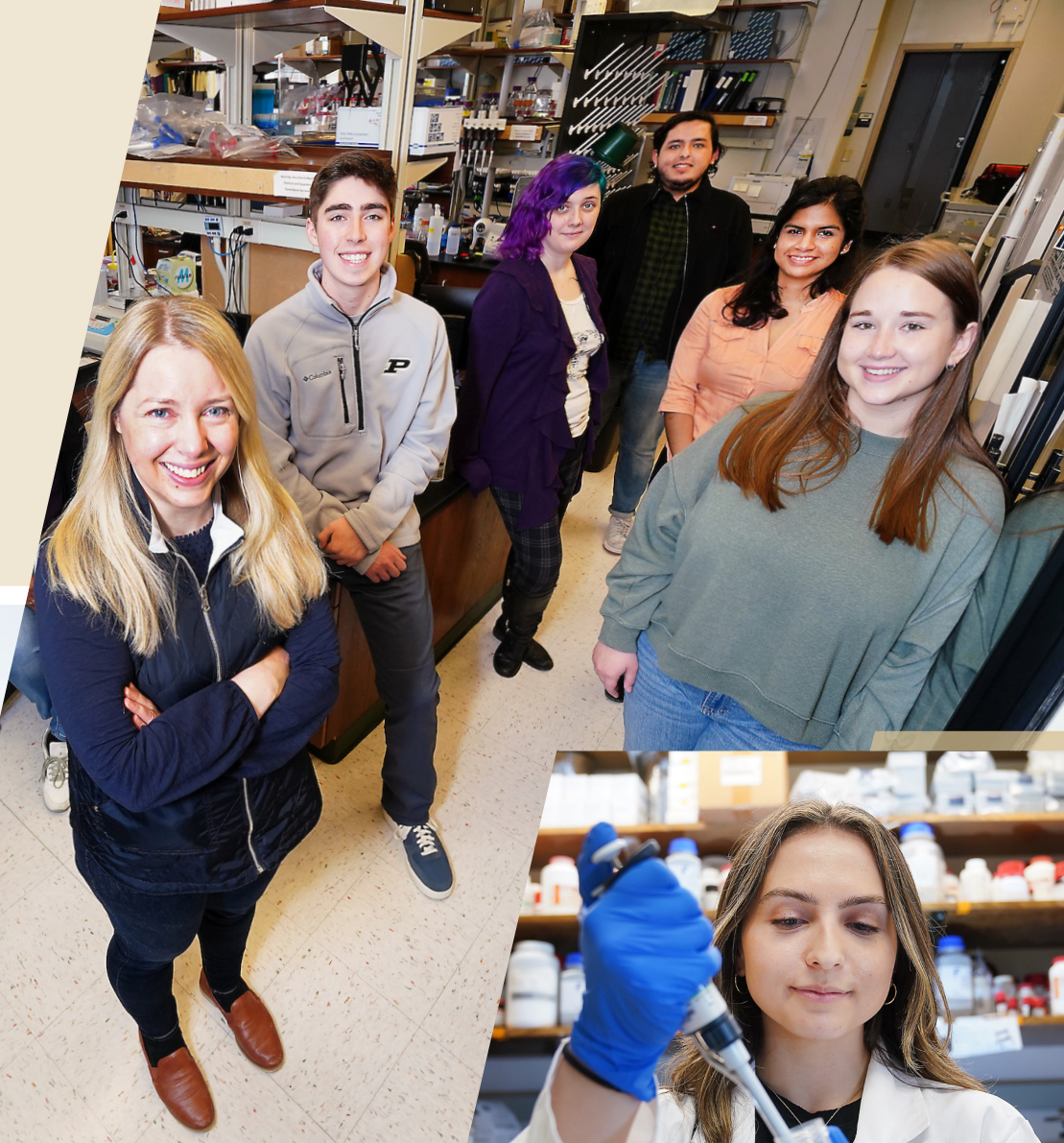




**PURDUE
UNIVERSITY®**

College of Agriculture



EXPLORE THE
POSSIBILITIES

BIOCHEMISTRY



EXPLORE BIOCHEMISTRY

If you love science that is cutting-edge and yet grounded in the world around you, we encourage you to check out our department!

Biochemistry offers a comprehensive curriculum that combines the theoretical foundations of biochemistry with the explicit practice of scientific research in a small supportive community setting. Our students graduate with a solid foundation in both critical analysis and authentic research that prepares them for success in a wide variety of endeavors, ranging from medical school to teaching to jobs at leading companies.

Since we are a relatively small department, only about 170 students,

our students have the opportunity to do hands-on research in a laboratory setting while also developing meaningful relationships with the faculty. In recognition of the importance that we place on our undergraduate student body, we sponsor the Biochemistry Club. This organization substantially enhances the student experience and our larger community through multiple community outreach and engagement programs involving science education, guest speakers, and social activities.

PREPARED FOR SUCCESS

Our core curriculum has almost equal credits of Biochemistry, Chemistry and Biology to prepare for research here at Purdue and for success afterwards.

In addition, we offer courses in Bioinformatics that enable us to offer a minor in this incredibly fast-paced and growing field. In recognition of our curriculum and our focus on research experience, our department is one of only two in the Big 10 that is accredited by the American Society of Biochemistry and Molecular Biology (ASBMB).

OUR UNIQUE PROGRAMS

- ▶ Minor in Bioinformatics
- ▶ Graduate certificate in Biochemistry
- ▶ Research Exchange Program in Dusseldorf, Germany
- ▶ ASBMB Certification

POST-COLLEGE PLACEMENT

- ▶ Medical, Veterinary, Graduate or Professional School
 - ▶ IU School of Medicine
 - ▶ Purdue University Veterinary School
 - ▶ Many other top institutions in U.S.
- ▶ Industry
 - ▶ Eli Lilly and Company
 - ▶ Corteva Agriscience
 - ▶ Elanco
- ▶ Diverse careers associated with health, government and teaching



STUDENT PROFILE

CLAYTON HICKS

Major: Biochemistry/Philosophy
Minor: History



I found incredible value in my work at Dr. Kirchmaier's research lab. This hands-on experience in research was fundamental to putting my class experience into direct practice — applying it to learn something new that is currently unknown.



Coming into Purdue, Clayton knew he wanted a program that would provide opportunities to perform cutting-edge research, surround him with incredible faculty, and prepare him for pursuing a career in medicine, as he plans to practice oncology and conduct clinical trials in the cancer care space.

Classes like Dr. Forney's Medical Topics in Biochemistry and Dr. Chapple's Introduction to Biochemistry helped him on that path, as he plans to attend medical school at IU School of Medicine in Indianapolis.

- ▶ **Awards:** France A. Cordova Leadership in Action Award, Outstanding Senior in the College of Agriculture
- ▶ **Internships:** Case Western CanSUR program (cancer research), Elanco Tech Service Intern, Covance In-House Clinical Research Associate Intern
- ▶ **Leadership:** VP of Recruitment and Outreach PFSB, Student Recruiter Honors College, Peer Mentor for Dean's Scholars, Team Leader BGR, Promotional Officer Old Masters
- ▶ **Study Abroad:** Semester at University of Exeter in Great Britain

BY THE NUMBERS

100%

OF UNDERGRADUATE STUDENTS INVOLVED IN RESEARCH

>45%

OF GRADUATES PURSUE GRADUATE OR PROFESSIONAL SCHOOL

40%

OF STUDENTS SUPPORTED BY SCHOLARSHIPS

>35%

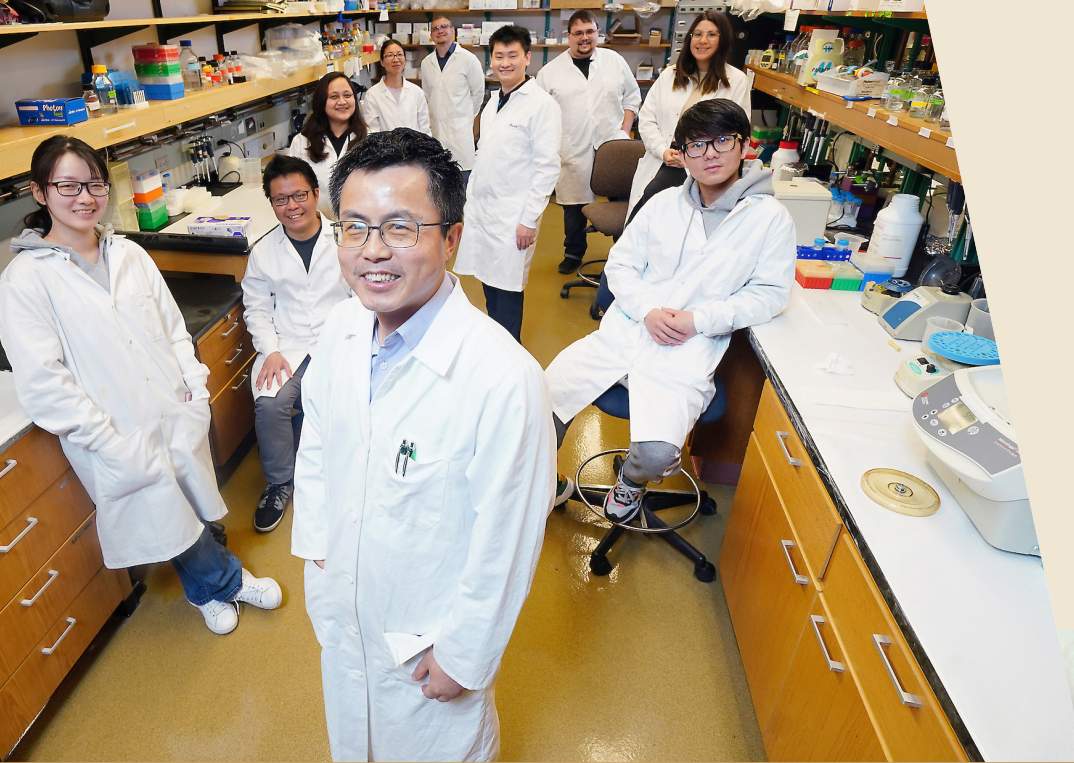
OF OUR STUDENTS ARE IN HONORS COLLEGE OR DEAN'S SCHOLARS PROGRAM

7:1

STUDENT TO FACULTY RATIO

>20%

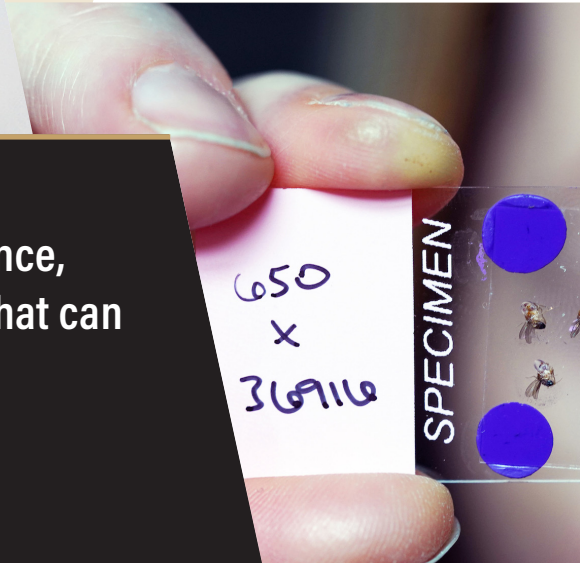
OF TOP UNIVERSITY AWARDS IN THE PAST 10 YEARS



PURDUE
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Join a community focused on making a difference,
finding solutions and envisioning and realizing what can
be achieved individually and together.



EXPLORE
BIOCHEMISTRY

Schedule your custom on-campus or virtual Purdue Agriculture visit!

Online at: purdue.ag/visit

For questions or more information

Email: bchm-alumni-friends@purdue.edu

Call: (765) 494-1600



EXPLORE
YOUR
OPTIONS
NOW