



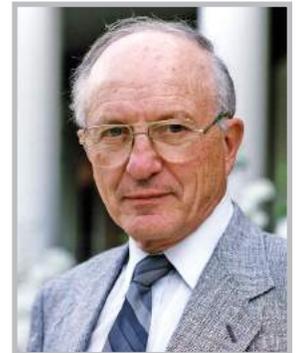
Students Find Passion in Labs as Undergraduate Researchers

As one of the largest departments at the University of Wisconsin–Madison, the Department of Biochemistry has many undergraduate majors. Our approximately 600 majors have varied interests and skills, and the department strives to give them the top-notch education and scientific training that our university is known for. An important element of this training is research in a laboratory and exposure to scientific expertise and collaboration. Our faculty are constantly working to expand opportunities for all of our undergraduate majors, and with the help of generous gifts we are making progress toward this goal. Below are some examples of ways our supporters are helping to make an impact in this area.

Biochemistry Undergraduate Summer Research Awards

Many gifts for undergraduate support go toward our Undergraduate Summer Research Awards, which help undergraduates gain focused, full-time research experience early in their academic careers. The awards provide a paid opportunity to allow students to cover summer expenses. In return, students work in the lab for 30 to 40 hours per week for eight weeks during the summer and write a research report on their findings. Experiences like these are vital for students wanting to pursue laboratory research of any kind as a career.

One example of a fund that supports these awards is the Henry A. Lardy Undergraduate Research Fund. Lardy received his Ph.D. from the department in 1943 and was also one of its most renowned professors for many decades, before passing away in 2010. He was known as an outstanding mentor and started this fund in 1987 to support undergraduates in the department. His family, friends, and past students still donate to the fund today. Another example is the Gilboe Family Memorial Scholarship Fund, started by David D. Gilboe, Ph.D. '58, to honor his family members. Gilboe received his Ph.D. from the department under Robert Bock and went on to become a faculty member in the Department of Neurological Surgery at UW–Madison. He passed away in 2008.



Henry A. Lardy



Matthew Larson

2017 Undergraduate Summer
Research Awardee
In the Butcher Lab
Hometown: Siren, WI

“This past summer, I was able to continue my research nearly full-time while getting paid. It was more than that though — it represented the fruition of many long nights studying, and the investment of faculty, mentors, the university, and donors.”



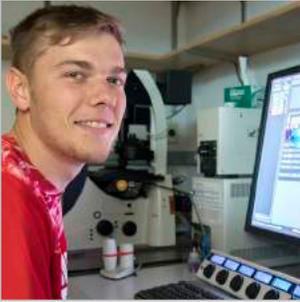
Hannah Poe

2016 Undergraduate Summer
Research Awardee
In the Hoskins Lab
Hometown: Denver, CO

“Being involved in undergraduate research has made me more comfortable in lab and shown me that I enjoy research. My undergraduate research experience, particularly the time I spent in lab that summer, really formulated my next five years post-graduation, and that’s been invaluable to me.”



Mary Shine Peterson Undergraduate Awards



Timothy Guthrie
2017 Mary Shine Peterson
Undergraduate Awardee
In the Kimble Lab
Hometown: Batavia, IL

“Along with knowledge of lab techniques and research, I’ve gained a better appreciation for the scientific discoveries we’ve already made. All of those big successes and drugs we’ve discovered were made up of small steps like the ones I get to be a part of in the lab.”

Mary Shine Peterson was the editorial assistant for her husband William H. Peterson, a UW–Madison professor of biochemistry. She was also an educator and had a Ph.D in economics. Upon her death, Mary left part of her estate to support biochemistry undergraduates. This award is designed to recognize biochemistry students and support their experience in biochemistry-relevant activities during the summer session before their senior year and/or during their senior year. This could include conducting research in a biochemistry-oriented laboratory on campus or overseas, traveling overseas to participate in a global health program, or traveling to a scientific meeting to present a research-oriented poster or paper.

Biochemistry Travel Awards

The department also supports undergraduate students with travel awards. These awards allow students to attend scientific conferences, such as the American Society for Biochemistry and Molecular Biology annual meeting, where they accompany a biochemistry faculty member to present their research in the undergraduate research poster competition. These experiences and connection to the national and international scientific community have inspired and launched the careers of many scientists who go on to graduate school, professional routes like medical school, or to positions in industry.



Allison Abellaneda
2015 Biochemistry Travel
Awardee
In the Cox Lab
Hometown: Green Bay, WI

“With the guidance of Professor Mike Cox, I organized my poster and prepared for potential questions from the judges, and I ended up winning the Cellular and Developmental Biology category at the ASBMB meeting. It was truly an inspiring experience. I learned so much.”



Advancing Higher Education

Undergraduate students are the heart and soul of the university as a whole, as well as the Department of Biochemistry. We are proud to be expanding opportunities for our undergraduates. Our ultimate goal is to be able to support all deserving undergraduates who want to explore research. With generous gifts, you can help make this a reality for our students.