Bridging Disciplines: Navigating Successful 21st Century Careers in Biomedical Science

March 11-16, 2018

This is a one-week course for undergraduates interested in learning about interdisciplinary approaches to biomedical research. Students will be introduced to concepts and tools that will help them work together across disciplines. Using these resources, small teams of students will tackle a complex problem in biomedicine, developing goals, strategies, and solutions around it. In addition, they will learn how these concepts and tools will be essential for navigating successful biomedical careers in the 21st century.

During the course, students will rotate through research laboratories working with animal models to discover underlying mechanisms of regeneration, tissue repair, and wound healing. Students will learn how research in these areas is essential to solving complex problems in biomedicine like cardiac disease, complications of diabetes, and cancer treatment.

Students will have the opportunity to present the results of their team challenge to a panel of interdisciplinary experts, who will provide feedback on their work, as well as insight on the future of interdisciplinary research in biomedicine and other fields.

More Information

Details on the course, as well as the online application, are available on the Bridging Disciplines course page. This course is for undergraduates beyond their second year of study in science or engineering. Other majors are encouraged to inquire. This course has limited enrollment, so apply now to reserve your spot!