WHAT IS THE PROGRAM?

The Quantitative Biology Undergraduate Summer Research Program allows undergraduate students majoring in biology, engineering, mathematics, statistics, and/or physics to participate in hands-on laboratory or computational research that applies mathematical concepts and methodology to understanding mechanisms in biology.

Besides 8-weeks of hands-on full-time research, program activities include, workshops on communication, design, ethics, teamwork, and entrepreneurship; a day trip to a local museum and/or a National Laboratory; a presentation on applying to graduate school; and other cohort outings.

Participants in the program receive a taxable stipend of approximately $4,000. (Travel, housing and meals are not supported by this program.)

Due to the uncertain nature of the new coronavirus/COVID-19 pandemic, it is unclear at this point whether the program will be hosted in-person or virtually. We will not make a decision until late-March/ mid-April 2021. We successfully hosted our Summer 2020 program in a virtual format.

WHO IS ELIGIBLE?

Applicants must be currently enrolled as a freshman, sophomore, or junior with demonstrated interest in the life sciences, engineering, mathematics, statistics, or physics.

HOW TO APPLY?

Find the application form at www.quantitativebiology.northwestern.edu

This program is supported by the NSF-Simons Center for Quantitative Biology and the Northwestern NSF Research Training Grant in Quantitative Biological Modeling.