University of Cincinnati Biology meets Engineering Program: BmE

Are you interested in the connections between animals and robots?

The Biology meets Engineering (BmE) program is an educational initiative by the University of Cincinnati for high school students and teachers. The goal of the teacher program is to introduce teachers to trans-disciplinary concepts that bridge fields, examining the connections between biology, engineering, and technology. It provides a unique opportunity for in-service secondary education teachers to participate in learning activities alongside students.

The program is funded by the National Science Foundation (NSF) and is a joint effort between faculty in the UC College of Arts & Sciences, College of Education, Criminal Justice, Human Services, and Information Technology and College of Engineering and Applied Science, as well as partner high schools in the greater Cincinnati Tri-State area.

Summer Program Dates:

- June 1-19, 2020
- Monday through Friday, from 9 AM to 3 PM at the University of Cincinnati Uptown West Campus

Application review will begin March 16, 2020 and continue until the program is filled.

Program Details:

- Participation in a three-week hands-on transdisciplinary summer program in biology and engineering with final public presentation.
- Collaborative work with students and peers.
- Gain content knowledge in sensory biology and robotics.
- Trans-disciplinary curricular unit development.
- Access to state-of-the-art equipment and technology.
- Meet and train with diverse university professors and instructors.
- Partnership opportunities with university faculty for future classroom visits/lab tours.
- No fee to participate.
- Stipend for teacher participation

Program Questions?

Please contact Dr. Anna Hutchinson, Program Coordinator, in the UC Department of Biological Sciences at: hutchiae@ucmail.uc.edu

To learn more, visit the NSF ITEST program website https://www.artsci.uc.edu/departments/biology/special-programs.html