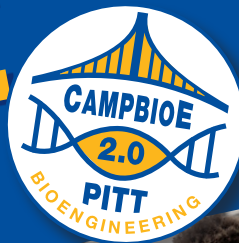


CampBioE 2.0



About CampBioE 2.0

In 2007, Pitt Bioengineering initiated **CampBioE**, an engaging summer camp for middle and high school scholars that explored bioengineering and regenerative medicine. This program immersed young minds in the wonders of science and bioengineering. **CampBioE 2.0**, initiated in 2024 under the leadership of Dr. Katrina Knight, expands CampBioE to also include elementary school scholars, with continued focus on inspiring the next generation of scientific and medical professionals and fostering lasting engagement in STEM+ (science, technology, engineering, mathematics, and medicine).

Curriculum Focus

In 2024, our CampBioE 2.0 scholars built neural cortical prosthetics and motor-powered cars, powered LED lights with electricity and lemons, and learned about the immune system, DNA fingerprinting, gel electrophoresis, bone biomechanics, forensic science, and more.



CampBioE 2.0 scholars

48%

underrepresented minorities (URM) in STEM+



74%

of scholars in need received scholarships



55%

female



4 weeks of camp

at the Homewood Community Engagement Center (CEC), University of Pittsburgh

LEADERSHIP

Katrina Knight, PhD, Director

Steve Abramowitch, PhD, Strategic Officer

Kristen Gallik, Events Manager

CampBioE 2.0 Counselors

Nikki Bush (BS Pitt BioE '26)

Ishan Patel (BS Pitt BioE '26)

Nicholas Vasas (BS Pitt BioE '25)



The University of Pittsburgh is an affirmative action, equal opportunity institution. 02/25



This camp really built my son's confidence. It was well run, he was challenged but not overwhelmed, and the friendly competition between the groups kept him engaged. He's excited to investigate some of these STEM+ topics in more detail in school this year!

— Parent Testimonial



Thank You to Our Sponsors

Bayer U.S. LLC
Pharmaceuticals, Radiology
(Indianola, PA)

Office of the Senior Vice
Chancellor for Research

Homewood Community
Engagement Center

Friends of Pitt
Bioengineering



LOOKING AHEAD...

CampBioE 2.0 is collaborating with the Vascular Medicine Institute's VESSELS program, led by Dr. Daniel Shiwerski, to incorporate 3D bioprinting design into our 2025 curriculum!