



FUTURE

IN BIOMEDICINESM PROGRAM

Fostering Undergraduate Talent -
Uniting Research and Education

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VISIT US ONLINE

www.medicine.uiowa.edu/future



University of Iowa Health Care Rev. 11/22

Through the FUTURE in BiomedicineSM program, the University of Iowa Carver College of Medicine is committed to:

CONNECTING

Fostering closer research collaborations between its faculty and those of primarily undergraduate institutions throughout the state of Iowa.

GROWTH

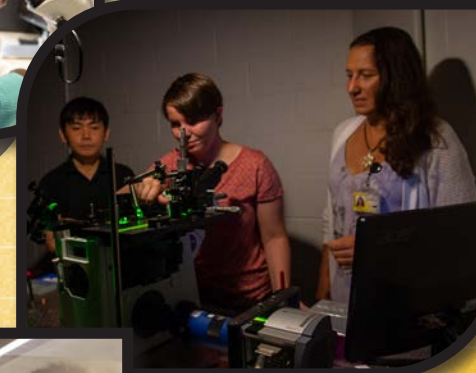
Mentoring talented undergraduates who will be our next generation of physicians and biomedical scientists.

DISCOVERY & EDUCATION

Promoting opportunities to translate biomedical discoveries and methods into educational materials used in Iowa's college classrooms.

ACCESSIBILITY

Making its research facilities available to a statewide network of scientist-educators.



UNIVERSITY OF IOWA
CARVER COLLEGE
OF MEDICINE

University of Iowa Health Care

WHAT IS THE FUTURE PROGRAM?

The FUTURE in BiomedicineSM program invites college professors from primarily undergraduate institutions in Iowa to conduct a funded research project in the laboratory of a faculty member of the University of Iowa Carver College of Medicine. The program also supports a talented undergraduate from the professor's home institution to participate in the research project.

Throughout the summer, FUTURE Faculty Fellows and undergraduate researchers gain extensive laboratory experience with full use of the University of Iowa library including off-campus access. They have the opportunity to make intercollegiate connections and learn about new opportunities for further education and employment at the University of Iowa.

FUTURE in BiomedicineSM has supported 64 first-time Faculty Fellows, 28 Senior Fellows, and 97 undergraduate students from 22 Iowa institutions of higher learning.

2009-2023 PARTICIPATING SCHOOLS



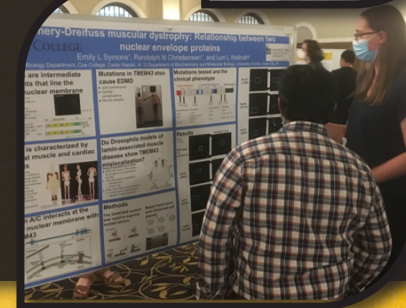
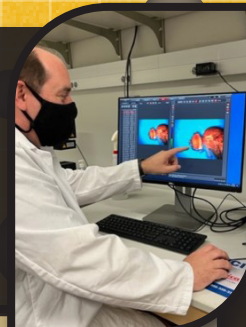
PARTICIPANT REFLECTIONS: COE COLLEGE

"The FUTURE in Biomedicine Program has allowed me to forge new collaborations, learn new lab skills, and perform experiments using the latest innovations in biotechnology. These experiences with the cutting-edge at the University of Iowa will spread far beyond my own enrichment, as every undergraduate I teach will benefit from my deeper understanding and new-found expertise."

RANDY CHRISTENSEN, PhD, 2022 FUTURE Senior Fellow

"Working over the summer in the Wallrath Lab, through the FUTURE program, has been an overwhelmingly positive experience. I have learned so much about how to work in a lab environment and what life in graduate school would be like. FUTURE has also given me so many new skills and allowed me to learn about many different career and education options."

EMILY SYMONS, 2022 FUTURE Undergraduate Researcher



WHAT WE OFFER

Throughout the summer, students and Faculty Fellows join in participating in several FUTURE activities beyond their experimental studies, including: discussions, conferences, workshops, training sessions, and lectures. Below are just some of the major events that take place during a typical FUTURE in BiomedicineSM season.

JUNE

- Orientation for FUTURE Fellows and students
- Biosciences Faculty Seminars begin
- Research updates on Translational Research
- UI Graduate Programs in Biomedical Sciences
- Genomics, Precision Medicine and Genetic Counseling Panel
- Panel on training to be a physician, physician assistant, or physical therapist
- Networking with alumni FUTURE Fellows



JULY

- FUTURE Fellows report on research progress
- Overview of Medical Scientist Training Program (MD/PhD)
- FUTURE Fellows panel on careers at liberal arts colleges
- UI Summer Undergraduate Research Conference
- FUTURE in BiomedicineSM Research Symposium



FALL

- Applications open for FUTURE in BiomedicineSM Fellowships.