BIO-SENS:

Bio-**I**nspired **O**n-demand **S**trategies for **E**ngineering **N**anostructured **S**ensors

ACADEMIC RESEARCH TECHNOLOGY SCHOLAR

SUMMER INTERNSHIPS

BIO-SENS is a collaborative multi-state project researching the development of biosensors to advance biotechnology and biomanufacturing.

Two-year and four-year undergraduate students from any state are invited to apply for a 10-week paid academic research internship to work in the labs of experienced faculty at Auburn University, the University of New England, the University of New Hampshire, or the University of Wyoming.

You must be a USA citizen or permanent resident to qualify for this internship.

10 weeks | $5,000 Stipend | Room & Board (up to $3,500)

AUBURN UNIVERSITY

The research focus of the Pantazes Lab in the Chemical Engineering Department at Auburn University is on the development of computational methods for designing binding proteins. We have two research positions available to (re)design proteins that bind insulin and interleukin-6.

Minimum Requirements: grade of C or better in any biochemistry course and grade of C or better in any programming course.

UNIVERSITY OF NEW HAMPSHIRE

The research focus of Dr. Halpern's SEEDS Lab in the Chemical Engineering Department at University of New Hampshire is on the measurement of surface changes using electrochemistry. We have one research position available to monitor surface binding proteins.

Minimum Requirements: grade of B or better in general chemistry and calculus. AP credit also accepted.

UNIVERSITY OF NEW ENGLAND

The research focus of the Balog Lab in the School of Mathematical and Physical Sciences at the University of New England is on the development and characterization of engineered proteins for biomaterials and biotechnology. We have two research positions available in the areas of molecular cloning and protein production.

Minimum Requirements: grade of B or better in general chemistry and calculus.

UNIVERSITY OF WYOMING

The Hill Lab in the Department of Chemistry at the University of Wyoming is focused on the development and application of electrochemical microscopy techniques capable of resolving chemical behavior at the nanoscale. We have two positions to synthesize and functionalize individual nanoparticles using electrochemical microscopy.

Minimum Requirements: one year of general chemistry with a grade of B or better.

SCAN QR CODE FOR APPLICATION

or go to

https://bit.ly/bio-sens-app-2023

DEADLINE: FEB 25 2023

FOR MORE INFORMATION, CONTACT US

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www.nhepscor.org/bio-sens

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