



AUBURN UNIVERSITY

# REU

## Research Experience for Undergraduates Through Collaborative Teams in Bioprocessing for Conversion of Waste into Products of Value

▶ Fast Paced Summer Research Experience

▶ Involves 6 Major Academic Fields: Biosystems Engineering, Chemical Engineering, Forestry, Fisheries, Horticulture, & Pathobiology

▶ Work 1-on-1 with Multiple Professor Mentors



### Interdisciplinary Projects

1. Converting Waste Lignin into Adhesives & Carbon Fibers
2. Aquaponics for Sustainable Vegetable Production
3. Converting Waste Cellulosic Biomass into Sensors for Disease Detection
4. Upgrading Wastewater Nutrients into Fish Feed

For more information,  
contact Dr. Brendan Higgins  
([bth0023@auburn.edu](mailto:bth0023@auburn.edu)) or  
Visit [www.aub.ie/reu](http://www.aub.ie/reu)





# REU


## Summary

This is a 10-week intensive research experience coupled with professional development activities. Fellows will meet weekly with their mentors and biweekly with their interdisciplinary teams to facilitate communication. These activities align with the two overarching professional development themes of this REU site: communication of scientific results and effective team practices. These activities also facilitate the growth of independent researchers.

## Bioprocessing for Conversion of Waste into Products of Value

## Details

- **Program Date:** May 15, 2022 - July 23, 2022
- **A stipend of \$600/week for 10 weeks**
- **Housing and meal allowance**
- **Travel reimbursement up to \$400**
- **Application Deadline:** February 1, 2022



For more information,  
contact Dr. Brendan Higgins  
([bth0023@auburn.edu](mailto:bth0023@auburn.edu)) or  
Visit [www.aub.ie/reu](http://www.aub.ie/reu)

