

## Building the Next Generation of Sustainable Science and Engineering Researchers

### Summer Undergraduate Research Fellowship

During the summer of 2024, the Forest Bioproducts Research Institute at the University of Maine offers an opportunity for ten highly qualified undergraduate students to participate in a ten week research experience, funded by the National Science Foundation.  
Disclaimer: The program is contingent on the pending proposal approval by NSF

June 3rd  
through  
August 9th  
2024

#### **AWARD INCLUDES:**

- \$7,000 stipend + room and board provided
- Travel to and from Orono, Maine
- Two students will be selected for a nine week exchange to conduct their research at Aalto University in Finland (travel and room and board provided)\*
- One week research experience in Finland for *all* students (travel and accommodations provided)\*
- Opportunity to conduct research on pressing global issues relating to sustainable product development and biofuel generation from woody biomass

#### **Benefits and Activities**

- Fundamental and Applied Forest Bioproducts Research
- Access to State-of-the-Art Research Equipment and Facilities
- Technical Writing and Oral Presentation Opportunities
- Ethics in Research Workshop
- Professional Field Trips
- Evening and Recreational Activities

#### **Potential Research Topics**

- Sustainable Nanomaterials Production and Utilization
- Sustainable Process/Product Development (Fuels, Chemicals and Materials)
- Sustainable Solutions for PFAS Mitigation
- Sustainability Assessment

#### **Disciplines**

- |                     |                        |
|---------------------|------------------------|
| • Forest Operations | • Bioengineering       |
| • Material Science  | • Chemical Engineering |
| • Bioenergy         | • Bioproducts          |
| • Biology           | • Resource Economics   |
| • Nanotechnology    | • Chemistry            |

#### **Eligibility**

- Current undergraduate in sophomore or junior year
- US Citizen or permanent resident
  - Must have a valid passport
- Women, minorities and students with disabilities are encouraged to apply to the program
  - Must have proof of full COVID-19 vax



**COMPLETE APPLICATIONS ARE REVIEWED AS RECEIVED, UNTIL THE DEADLINE OF FEBRUARY 23, 2024**

#### **Contact Information**

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**APPLY AT [www.forestbioproducts.umaine.edu/reu/](http://www.forestbioproducts.umaine.edu/reu/)**



THE UNIVERSITY OF  
**MAINE**

\*Subject to possible travel restrictions



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Aalto University  
Finland