

Explore It!: Building the Next Generation of Sustainable Forest Bioproducts Researchers

Summer Undergraduate Research Fellowship

During the summer of 2023, 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 12th
through
August 18th
2023

AWARD INCLUDES:

- \$5,000 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

- Forest Feedstock Extraction
- Nanocellulose-derived products
- New Product Development (Renewable Fuels, Chemicals, and Materials)
- Sustainability Assessment

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

Disciplines

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|--------------------------------|------------------------|
| • Wood Science and Technology | • Bioengineering |
| • Sustainable Material Science | • Chemical Engineering |
| • Bioenergy | • Bioproducts |
| • Nanotechnology | • Resource Economics |
| | • Chemistry |



COMPLETE APPLICATIONS ARE REVIEWED AS RECEIVED, UNTIL THE DEADLINE OF FEBRUARY 24, 2023

Contact Information

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APPLY AT www.forestbioproducts.umaine.edu/reu/