FOREST BIOPRODUCTS REU2024

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

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

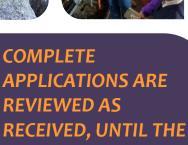
Disciplines

- Forest Operations Bioengineering
- **Material Science**
- Bioenergy
- Biology
- Nanotechnology
- **Chemical Engineering**
- Bioproducts
- **Resource Economics**
 - 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





Tane Stad

Through

August 9th

2024

DEADLINE OF FEBRUARY 23, 2024

Contact Information

Christina VonTorne 5737 Jenness Hall, Room 149 Orono, ME 04469-5737 Tel: (207) 581-1489 christina.vontorne@maine.edu

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







