# FOREST BIOPRODUCTS REU 202

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



#### **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**

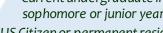
- Fundamental and Applied Forest Bioproducts Research
- Access to State-of-the-Art Research Equipment and Facilities
- Technical Writing and Oral Presentation Opportunities
- Ethics in Research Workshop
- **Professional Field Trips**
- **Evening and Recreational Activities**

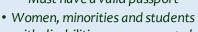
#### **Potential Research Topics**

- 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
- with disabilities are encouraged to apply to the program
  - Must have proof of full





COVID-19 vax

#### Disciplines

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



### **REVIEWED AS** RECEIVED, UNTIL THE **DEADLINE OF** FEBRUARY 24, 2023

**APPLICATIONS ARE** 

**COMPLETE** 

#### Contact Information

Christina VonTorne 5737 Jenness Hall, Room 149 Orono, ME 04469-5737 Tel: (207) 581-1489 Fax: (207) 581-2323 christina.vontorne@maine.edu

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





