

# EXPLORE IT! BUILDING THE NEXT GENERATION OF SUSTAINABLE FOREST BIOPRODUCT RESEARCHERS

Summer Undergraduate Research Fellowship

The University of Maine and University of Concepción, Chile

FOREST BIOPRODUCTS  
RESEARCH INSTITUTE

6/4 – 8/10  
2018



During the Summer of 2018, the Forest Bioproducts Research Institute offers an opportunity for 10 highly qualified undergraduate students to participate in research for a 10 week period.

This research experience is funded by the National Science Foundation.

**Women, minorities and students with disabilities are strongly encouraged to apply to the program.**

## Award Includes

- \$5000 Stipend + On Campus Housing Provided
- Travel to & from Orono Reimbursed
- Students to Perform their Research at the University of Concepción (Stipend, Travel and Housing Provided)
- Week Long Research Experience & Exchange in Chile for all Students (Travel and Accommodations Provided)
- Opportunity to Perform Research on Pressing Global Issues Relating to Sustainable Product Development and Biofuel Generation from Woody Biomass

## 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
- A Series of Evening and Recreational Activities



## Research Opportunities

- Sustainability and Life Cycle Analysis
- Feedstock Extraction/Modification
- Process Control and Sensing
- Nanomaterials Production and Utilization
- New Product Development
- Nanotechnology Risk Assessment



## -----Disciplines-----

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

## Contact Information

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## Eligibility

- Current undergraduate in sophomore or junior year
- US Citizen or permanent resident
- Must have a valid passport

**COMPLETE APPLICATIONS REVIEWED AS RECEIVED, UNTIL 3/1/18**  
APPLY AT [www.forestbioproducts.umaine.edu/students/reu/](http://www.forestbioproducts.umaine.edu/students/reu/)