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

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

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

Contact Information
Wendy Erickson
5737 Jenness Hall, Room 147
Orono, ME 04469-5737
Tel: (207) 581-1489
Fax: (207) 581-2323
douglasg@maine.edu

COMPLETE APPLICATIONS REVIEWED AS RECEIVED, UNTIL 3/1/18
APPLY AT www.forestbioproducts.umaine.edu/students/reu/