

COLLEGE OF FORESTRY

Research, Innovation, Education, Outreach

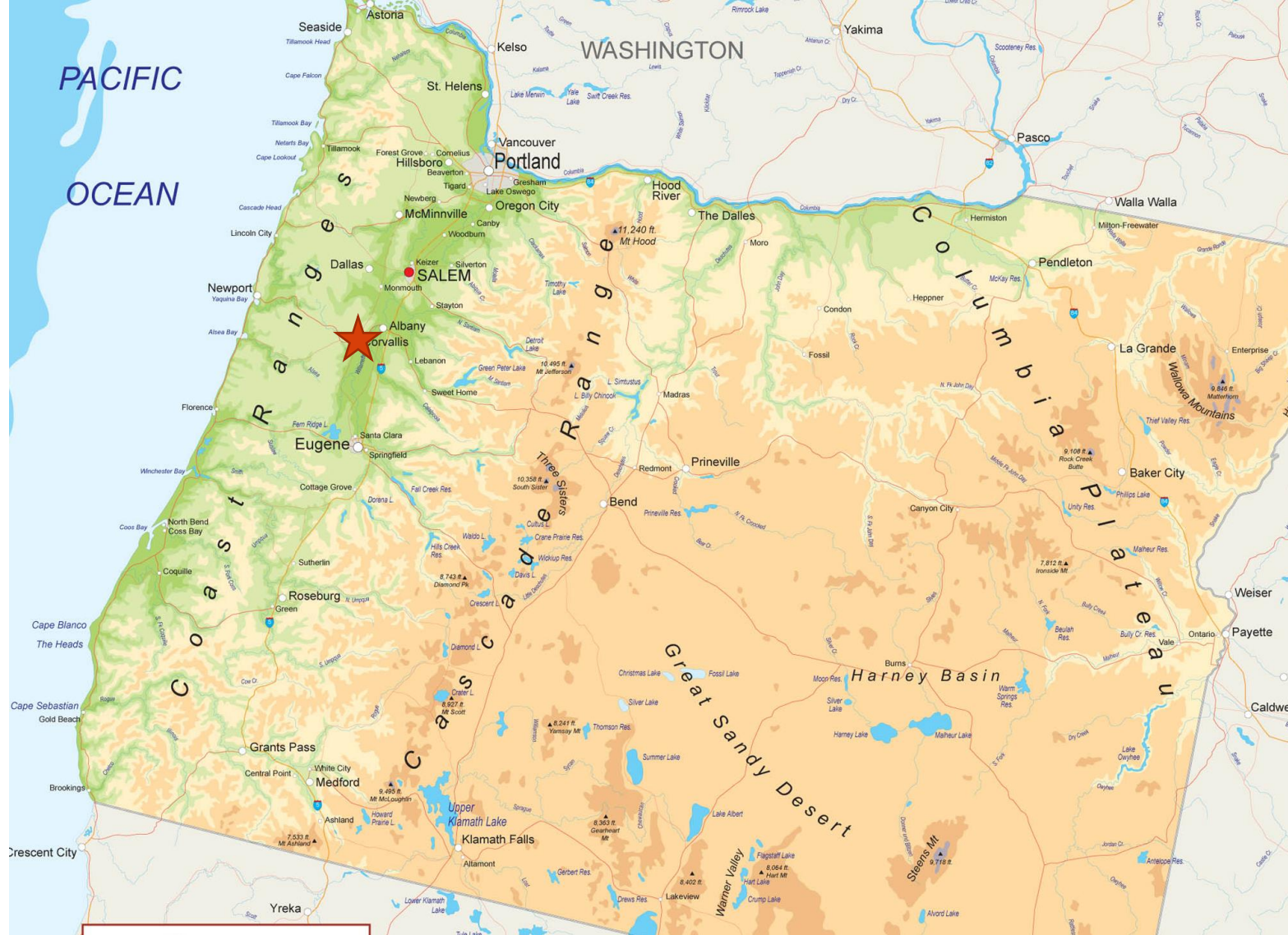


Oregon State
University

A close-up photograph of tree bark, likely from a pine tree, showing a rough, scaly texture. The bark is dark brown and is covered with patches of bright green moss. A thin, diagonal orange line runs across the image from the top right towards the bottom left. The text is overlaid on the left side of the image.

World Leader in Forestry

- Cutting-edge research
- Diverse and well-rounded education
- Science-based applied outreach



Oregon State University is located in Corvallis, Oregon, in the US Pacific Northwest.

OREGON STATE UNIVERSITY

OSU is:

A Public Research University

State of Oregon's Land Grant University

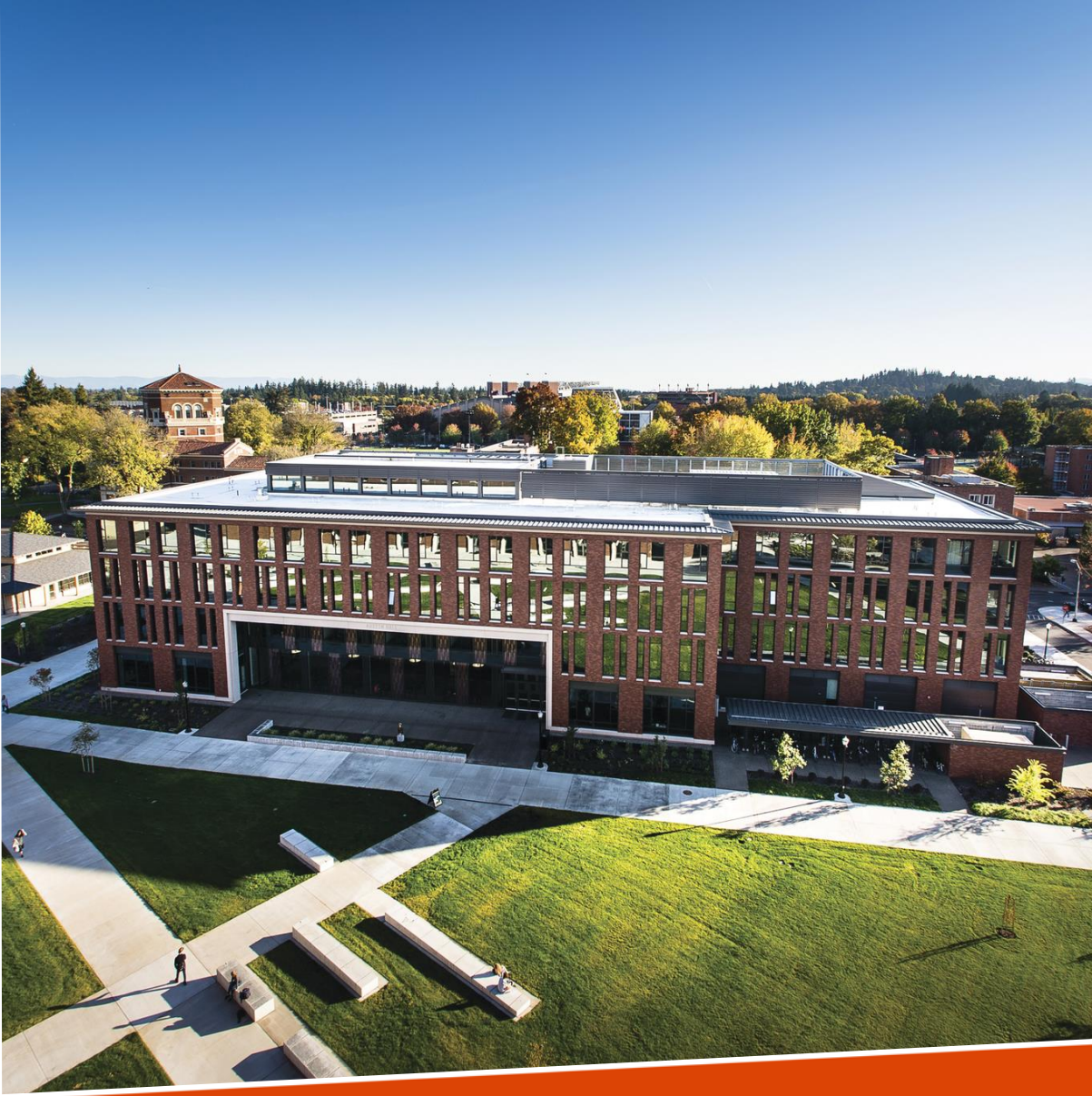
150+ Years Old

Home to:

11 Colleges

15 Experimental research stations





32,000 students

- 26,000 undergraduate
- 5,000 graduate
- 3,000 international students

2 campuses + online (8,000 students)

OREGON STATE UNIVERSITY

Oregon's Top Research University

Land Grant University

One of three national Land, Sea, Sun and Space
Grant Universities

\$450 million in research grants in 2021

#2 Forestry Program
in the World

#3 Oceanography Program
in the World

#4 Best Online Programs
in the U.S.

#5 Robotics Engineering School
in the U.S.

#10 Best Big Data Degree
in the U.S.

#1 Most Innovative
in the Pacific Northwest

COLLEGE OF FORESTRY AT A GLANCE

3 DEPARTMENTS

80 FACULTY

2020-21

400+ REFERREED JOURNAL
PUBLICATIONS

\$49M IN RESEARCH EXPENDITURES

\$26M IN RESEARCH REVENUE



COLLEGE OF FORESTRY AT A GLANCE

STUDENTS (2019-20)

1049 UNDERGRADUATE STUDENTS

DEGREES GRANTED

Forestry	40
Natural Resources	142
Forest Engineering/Civil Engineering	5
Forest Engineering	8
Renewable Materials	12
Tourism, Recreation and Adventure Leadership	15



COLLEGE OF FORESTRY AT A GLANCE

STUDENTS (2019-20)

**256 ENROLLED GRADUATE
STUDENTS**

DEGREES GRANTED

Master Natural Resources	33
Master of Forestry	5
Master of Science	21
PhD	9



Forest Ecosystems and Society

Undergraduate

- Natural Resources
- Tourism, Recreation and Adventure Leadership

Graduate

- Forest Ecosystems and Society
- Master of Natural Resources (online)

Video: [Oregon Marbled Murrelet Project](#)



Forest Ecosystems and Society

RESEARCH

- Forest, Wildlife and Landscape Ecology
- Genetics and Physiology
- Integrated Social and Ecological Systems
- Social Science, Policy and Natural Resources
- Soil-Plant Atmosphere Continuum
- Sustainable Recreation and Tourism
- Science of Conservation, Restoration and Sustainable Management



Forest Engineering, Resources and Management

Undergraduate

Forest Engineering

Forest Engineering/Civil Engineering

Forestry

Graduate

Sustainable Forest Management (MS,
PhD)

Video: [A Better Harvesting System](#)



Forest Engineering, Resources and Management

RESEARCH

- Forest Operations, Planning and Management
- Forest Policy Analysis and Economics
- Forest Biometrics and Geomatics
- Silviculture, Fire and Forest Health
- Forest Soil and Watershed Processes
- Engineering for Sustainable Forestry



Wood Science And Engineering

Undergraduate

- Renewable Materials

Graduate

- Wood Science

Video: [Putting CLT through the Fire](#)



Wood Science And Engineering

RESEARCH

- Biodeterioration, Materials Protection, Composite Materials
- Forest Products Business and Marketing
- Wood Architecture, Green Building and Environmental Performance
- Timber Engineering, Mechanics and Structural Design
- Wood Aesthetics and Natural Coloration



Oregon Forest Science Complex

New "Peavy Hall" - 9,000 m² structural mass timber building

AA "Red" Emmerson Lab - 1900 m²
Advanced Wood Products Laboratory



Oregon State
University

New “Peavy” Hall

Opened 2019

Showcasing Oregon forest products

Promoting mass timber architecture and building techniques

Supporting growth of secondary manufacturing in timber dependent communities

Living lab for construction and post occupancy performance



TallWood Design Institute

Partnership with sister institution,
University of Oregon, and OSU
department of Civil Engineering

Promote renewable material
manufacturing and adoption in
building practice

Engineered Wood and Composite
Materials



TallWood Design

Applied Research - Examples

Fire Performance of CLT Wall and Floor Assemblies Made in the USA

CLT Fastener Solutions for Tall Wood Buildings

Composite Concrete/CLT Floor Systems for Tall Buildings

Seismic Performance of Cross-Laminated Timber and Cross-Laminated Timber-Concrete Composite Floor Diaphragms

Net-Zero Tall Wood Buildings

Life Cycle Analysis of Mass Timber Buildings

Annual Survey of the Pulse of the Global CLT Industry



Research Forests

LIVING LABORATORY AND CLASSROOM

15,000+ acres of forest lands

encompass a variety of Pacific Northwest forest ecosystems

Mix of plantation, native, old growth forest

- Research
- Teaching
- Recreation
- Timber harvest



Research Cooperatives

100+ PARTNERS

Examples:

- Intensive Planted-Forest Silviculture
- Tree Improvement
- Tree Biosafety and Genomics
- Watersheds
- Vegetation Management
- Wood-Based Composites



College of Forestry Extension

ACTIVE LAND-GRANT MISSION OF UNIVERSITY

Communicates research outcomes to stakeholders around the state of Oregon and beyond.

Extension agents work with:

- Small and large forest owners
- Land managers
- Manufacturing sector



International Programs

CONNECTING TO THE WORLD

Student Programming

- Field Courses
- Exchange
- Internships
- Support incoming international students

Research Partnerships

- Building Networks
- Developing Resources
- Welcome international scholars



Strategic Initiatives

PUTTING DOWN ROOTS

Engagement to deepen relationships in a few key locations

- Complementary forest types and uses
- Existing individual connections
- Engaged partners
- Similar interests

Combine research and student development objectives



Supporting International Scholars and Students

We welcome more than 40 international visiting scholars a year – we can assist with immigration questions, arrival plans, connections to resources and more.

We have a thriving international student population – whether you are coming for an exchange, internship, research or pursuing a degree – we can help!

Please contact: Kerry Menn

International Programs Coordinator

Oregon State University | College of Forestry | +1 541-737-4601

kerry.menn@oregonstate.edu

[A video introduction to our college for students](#)

CONTACT US:

We are always delighted to meet and talk with students and scholars!

Michele Justice (she/her/hers)

International Programs Director/ Diversity, Equity and Inclusion Workgroup Lead

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Peavy Hall 116-N | Corvallis, OR 97331 | michele.justice@oregonstate.edu

Websites: <https://www.forestry.oregonstate.edu/international>

<https://www.forestry.oregonstate.edu/diversity>