

College of Natural

Resources



**Sloan Forest
Industries Center**

Pursuing the Land-Grant Mission



- Learning
- Discovery
- Engagement



Our Structure

College of Natural Resources

Forestry

Fisheries and Wildlife Science

Geography

Wood Science and Forest Products

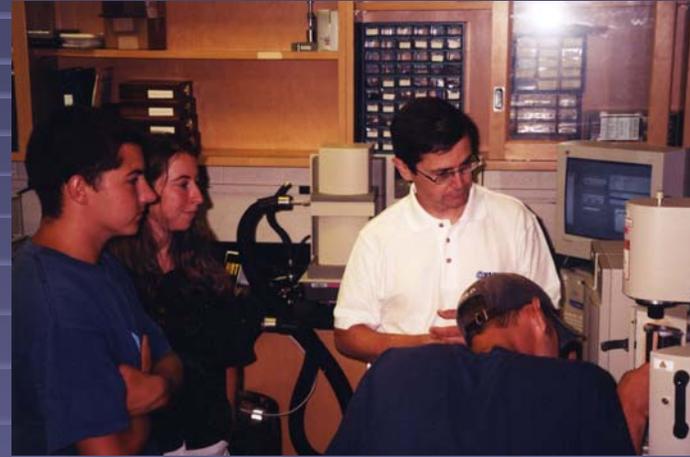
Learning

Options

- Forest Resource Management
- Environmental Resource Management
- Industrial Forestry Operations
- Urban Forestry
- Natural Resource Recreation
- Non-timber Forest Products
- Packaging Science
- Adhesion Science
- Forest Products Marketing & Management
- Manufacturing Science
- Environmental Education (K-6)
- Natural Resource Science (6-12)
- Fisheries Science
- Wildlife Science
- Geospatial and Environmental Analysis
- Culture, Regions, and International Development

Discovery

Graduate Training



Research Centers and Facilities

- Center for Environmental Assessment and Remote Sensing
- Virginia Water Resources Research Center
- Horseshoe Crab Research Center



Brooks Forest Products Center

- The Sustainable Engineered Materials Institute
- William H. Sardo Jr. Pallet and Container Research Lab
- Center for Unit Load Design



COOPERATIVES

- Forest Nutrition
- Industrial Forestry Operations
- Loblolly Pine Growth and Yield Research



The Reynolds Homestead Forest Resources Research Center



Engagement



- Forest Landowner Program
- Logger Education Program
- Wood Magic

Sloan Forest Industries Center



The Sloan Foundation has helped establish 25 industry centers.

- The intent of these industry centers is to create a partnership with business leaders, federal and state governments to address industry challenges.
- We are now part of the Industry Center Network and are able to call on intellectual capital of faculty from other centers.

What the Sloan Foundation Forest Industries Center Means for Virginia Business

- Creates a national center of excellence that will support Virginia forest industries
- Opportunities to showcase Virginia businesses to national and international audiences
- Provides one set of resources to attract forest industries to Virginia.

Mission Statement

- The Sloan Forest Industries Center seeks to promote the global competitiveness and sustainable growth of America's diverse forest industries.
- Global competition requires continuous improvement of each segment in the forest industry supply chain.

The Center will focus on three sets of activities

- Research and Development
- Technology Transfer
- Workforce expansion programs

Research and Development

- Evaluation of veneer products
- Create a supply chain database to track the time from the forest to the end use
- Consumer preferences & market research
- Lean manufacturing
- Implementing forest land use and conservation strategies
- Evaluation of the regulatory environment
- Opportunities for expansion of the bioeconomy

Technology Transfer

- Sponsor annual conference on technological innovations and new business models.
- Technology transfer workshops that discuss technology and innovation deployment.
- Work with partners to showcase new equipment and new manufacturing processes.

Workforce Training

- Train highly qualified undergraduates.
- Encourage companies to develop projects that allow students to apply course material to address industry problems.
- Invite industry and government partners into the classroom to provide instruction and guidance.

Financial Resources

Base Funds	
Sloan Foundation	\$145,000
Virginia Tech	\$185,000
Project Funds	
Virginia Works	\$100,000
USDA Forest Service	\$92,000
TOTAL	\$522,000
Pending Proposals	
USDA Forest Service	\$334,000
National Hardwood Lumber Assoc.	\$17,000

**THANKS
FOR LISTENING.**

