



The Wood-Based Composites Center: A Member's Perspective



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Georgia-Pacific Chemicals LLC

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bonds that last. | advancements that work.™

A Member's Perspective



- What is the Wood-Based Composites Center?
- Why is GP Chemicals a Member?
- Expectations vs. Experiences

Wood-Based Composites Center NSF I/UCRC



Founded – January 1, 1999

Established as an NSF I/UCRC – July 1, 2010

Vision: Be the leading source for fundamental research & education in wood-based composites.

Mission: Advance the science & technology of wood-based composite materials.

Objectives

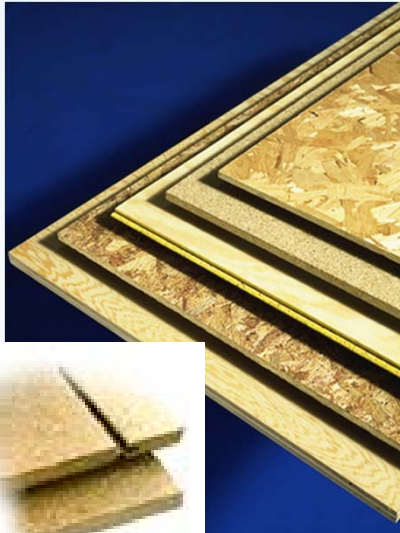
1. Promote and coordinate wood-based composites **research** and **education** at leading universities across North America.
2. Attract **students** to careers in the wood-based composites and adhesion industries.
3. Provide **continuing education** to the wood-based composites industry.
4. Provide a **forum for intellectual exchange and interaction** among professionals and students interested in:
 - Manufacture of wood-based composites
 - Performance of wood-based composites
 - Materials science
 - Adhesives and adhesion

Wood-Based Composites Center NSF I/UCRC



- 4 Partner Universities
 - NSF Sites
 - Oregon State University
 - Virginia Tech
 - Other Partner Universities
 - University of British Columbia
 - University of Maine
- 10 Industry Members
- 11 Funded Research Projects

Wood-Based Composite Materials



- **Structural (Softwood) Plywood**
- **Oriented Strand Board (OSB)**
- **Medium Density Fiberboard (MDF)**
- **Particleboard**
- **Hardboard**
- **Engineered Wood**

Why is GP Chemicals a Member?



- **Research**
 - Pre-competitive
 - Industry driven
 - Access to results
 - Leveraged with other funding
- **Recruiting**
 - Wood-based composites education
 - Interaction with students and faculty
- **Relationships**
 - University faculty
 - Other industry members

EXPECTATIONS vs. EXPERIENCES

Annual Meetings/ IAB Meetings

Research Selection Process

Research Results

Industry Recruiting

Strategic Planning

Relationship Development

Industry Continuing Education

Student Recruiting

University Research Agreements

Intellectual Property

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