

27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	1

INSIDE VT WOOD

News From Paul Winistorfer

- Our Graduate Seminar presenter this week is Jim Bisha, M.S. candidate. The title of his presentation is The effect of load stabilizer selection on load slip within unit loads.
- Virginia Tech Wood Science - Wood Industry Student Placement Program

'Find the Best - Hire the Best'

The department is launching a new student placement and industry recruiting program beginning in February. A new website will include resumes of our students (undergraduate and graduate) and post doctoral scientists seeking internships, summer employment and full time employment. As well, the site will include a registration gateway so that the industry can post placement opportunities directly to our site. We are working on the site currently and will have it operational in February. This initiative supports our vision to 'bring the North American wood and fiber industry to Virginia Tech - for our students and all majors'. We will promote this new program extensively throughout the campus and the North American industry, and use it as a tool to engage more partners in our Wood Week 2008 Career Fair.

- Please mark your calendar for March 13 and plan to participate in the one day conference in Danville Virginia at the Institute for Advanced Learning and Research. The conference is titled "The Southern Virginia Forest Products Initiative" and is being hosted by the Southside partner group. See the program information below. Participation by our department is encouraged and we are arranging for van service to Danville for those interested in attending.

Lunch and Learn – February 19th

Join Ralph Rupert, Director of the Center for Unit Load Design, for an informal brown-bag lunch and learn discussion and demonstration of the new Data Tech cutting table, a recent gift from the International Corrugated Packaging Foundation (ICPF). The refurbished table, valued at \$50,000+, will be used this spring in the Paper and Paperboard Packaging class to give students expertise needed in the packaging industry. The students will also learn Artios (previously donated by Esko Graphics) - a CAD software used in industry to design packaging. Once students create structures in Artios a file is then exported to the cutting table for processing. See how it works! A hands-on demonstration!

Bring your lunch and a drink to the Brooks classroom 12 noon February 19.

Virginia Forest Products Association Celebrates 50th Anniversary

The Virginia Forest Products Association celebrated the 50th anniversary of the association last weekend at Kingsmill Resort in Williamsburg, VA. The Department of Wood Science and Forest Products made a special presentation honoring the occasion to VFPA President Randy



Bush, Board of Directors Chairman Andy McCready and EXPO Manager and Staff Assistant Mike Washko. The department made a presentation at the Board of Director's Meeting on Friday afternoon of the table-top bookshelf made by our students in the Wood Enterprise Institute (WEI). Shown here at the presentation are: Dr. Mike Kelly, Dean College of Natural Resources Virginia Tech; Bob Smith, Associate Dean for Engagement, College of Natural Resources Virginia Tech; Andy McCready, VFPA Chairman of the Board and Owner McCready Lumber Pulaski, VA.; Randy Bush, VFPA President and VT alum; Dr. Paul Winistorfer, Department Head – department of Wood Science and Forest Products Virginia Tech; Dr. Earl Kline, Professor Department of Wood Science and Forest Products and Co-Director, Sloan Forest Industries Center Virginia Tech; Dr. Brian Bond, Extension Specialist and Associate Professor Department of Wood Science and Forest Products Virginia Tech.

Bowling: Forest Products Club Versus Faculty/Staff

Jesse Paris, Student Club President (parisjl@vt.edu)

The students of the forest products club have challenged the faculty and staff to two games of bowling at the NRV Superbowl at 5:30 PM Friday March 14. We already have 4 lanes reserved for that time slot, and we can fit up to 8 people on a lane. We did this two years ago and had a great time. The prices are \$4/game/person, and \$3.50/person for shoes. So we are looking at \$11.50 per person plus whatever food and beverages you would want for yourselves. The club however will pay \$5/person, so that means anyone wanting to come would only need \$6.50. This should be a great time, and the students are looking to rebound from that embarrassing loss to the so-called "Faculty" team in football last fall. I will leave a sign-up sheet with both Angie and Debbie at Brooks and Cheatham for people who know they want to come, so we can get a better estimate of who will participate. We hope to see a great turn out. As always feel free to e-mail or call me (804-338-4353) if you have any questions, or need a ride.

Abstracts Accepted for 24th Annual Research Symposium

The Graduate Student Association is currently accepting abstracts for our 24th annual Research Symposium, which will be held on Wednesday March 26th, 2008.

This event is open to all graduate students and advanced undergraduate students at Virginia Tech. We are currently accepting abstracts for poster presentations, visual presentations, and oral presentations. To submit an abstract for consideration, please visit

<https://survey.vt.edu/survey/entry.jsp?id=1201156317866>

Each abstract should be limited to 200 words. The deadline for submitting abstracts is February 22nd, 2008, at 5:00pm. If you have any questions, please contact the Program Chair, Natoshia Raishevich at natoshia@vt.edu.

TENTATIVE

Wood Week 2008

September 15-19, 2008

September 15-19, 2008
WOOD WEEK 2008

Monday
September 15th

Department welcome back to school Department back picnic 5:00 - 7:00 pm Horticulture garden - Hahn Pavilion

Keynote Speaker—Patrick Calello, founder of Automoblox—Kicks Off Wood Week 7:00 p.m.

Tuesday
September 16th

Wood Magic Show - Brooks Center

Wednesday
September 17th

Marketing Center Advisory Board meets during day

Scholarship Recognition and Reception Program at the Inn at Virginia Tech 6:00 PM

Thursday
September 18th

Career Fair - Tent on Drillfield

Informal dinner for anyone staying overnight.

Friday
September 19th

No activities

Wood Science and Forest Products Course Enrollments Spring Semester 2008

The department is offering seven courses this semester. In addition two faculty are teaching courses for other departments. We are also offering an independent study and special study this semester.

In total, we are reaching 229 students. The largest enrollments are in CEE 3414 (56 students), Chemistry 2514 (52 students) and WOOD1234 (23 students) and WOOD 4714 (21 students).

Of the total 229 students subscribed to our courses, 188 are male and 41 are female.

Course Designator	Course Title	Total Enrollment	No. of Male	No. Of Female
WOOD 1234*	Introduction to Wood Science and Forest Products	23	22	1
CHEM 2514	Survey of Organic Chemistry	50	30	20
WOOD 2554	Wood Materials Science and Techniques	9	9	
WOOD 2614	Forest Products Marketing	17	15	2
CEE 3414	Design of Wood Structures	56	48	8
WOOD 3316	Mechanical Properties of Wood II	11	8	3
WOOD 3434	Wood Chemistry, Products & Processes	8	5	3
WOOD 3544	Secondary Wood Products Manufacturing	12	8	4
WOOD 4446	Wood Adhesion & Composites	17	17	
WOOD 4714**	Wood Performance in Construction	21	21	
WOOD 5974	Independent study	1	1	
WOOD 5984	Special Study	5	5	

*Majors as follows: 2 University studies, 9 Wood science (7 freshmen, 1 sophomore, 1 senior), 1 Architecture, 1 Forestry, 3 Engineering, 1 Wildlife, 3 Natural Resources, 1 Management, 1 Psychology, 1 Industrial Design

**Majors as follows: 15 Wood Science al seniors, 1 forestry, 3 Building Construction, 1 Civil Engineering



Spring 2008 Seminar

Seminar meets in the Brooks Forest Products Classroom

Date-Friday 9:00 AM	Presenter	Topic
January 18	Brian Perkins Ph.D. Candidate	Modeling Factors that Influence Firm Performance of Eastern Hardwood Lumber Manufacturers
January 25	John Bouldin Ph.D. Candidate	Defects in engineered wood products in residential construction
February 1	Thammarat Mettanurak M.S. Candidate	Effect of Suppression and Release on Compression Parallel to Grain Property for Small-sized Yellow-poplar (<i>Liriodendron tulipifera</i> L.) Specimens
February 8	Omid Parhizkar Ph.D. Candidate	Improving the international competitiveness of U.S. sawmills to Middle Eastern markets: An assessment of market segments
February 15	Tim Stiess Ph.D. Candidate	Information Flow in the Hardwood Supply Chain
February 22	Jim Bisha M.S. Candidate	The effect of load stabilizer selection on load slip within unit loads
February 29	Alex Hagedorn Ph.D. Candidate	Identifying pallet size incompatibilities within the global supply chain
March 14	Omar Espinoza Ph.D. Candidate	Quality Measurement in a Wood Products Supply Chain
March 21	Hezong Wang Ph.D. Candidate	Polyelectrolyte complex formation between cellulose nanocrystals and chitosan
March 28	Gi Young Jeong Ph.D. Candidate	Tensile Properties of Loblolly Pine Strands Using Digital Image Correlation and Stochastic Finite Element Method
April 4	Braden White M.S. Candidate	Verification of Finite Element Model Estimates of Wooden Pallet Performance
April 11	Angela Zhou M.S. Candidate	Nano-coating on wood veneers for adhesion and durability
April 18	Ji Youn Yoo M.S. Candidate	Quantitative Analysis of the Static Stress Distributions across Pallet Decks for the Unit Loads of Selected Packaged Product Forms and Stacking Patterns
April 25	Garrett Norman M.S. Candidate	Just-In-Time Manufacturing System Design for Rough Mill Systems: A Case Study

April 30 classes end

For more information please contact the department at 540/231-8853

The Southern Virginia Forest Products Initiative

March 13, 2008

Institute for Advanced Learning and Research — Danville, Virginia

Program Agenda

Partners & Supporters

- Danville Community College
- Danville Public Schools
- Halifax County Schools
- Morgan Lumber Company
- Pittsylvania County Schools
- Southern Virginia Higher Education Center
- Virginia Forest Products Association
- Virginia Tech – College of Natural Resources and Department of Wood Science and Forest Products

Special Thanks

Special thanks to the Virginia Forest Products Association for providing financial resources in support of this conference and the vision to establish WoodLINKS sites in Virginia.

Congratulations

Congratulations to the Southern Virginia Higher Education Center in association with Halifax County Schools and Danville Community College in association with Danville Public Schools and Pittsylvania County Schools in recognition of establishing the first two official WoodLINKS USA sites in the state of Virginia.

8:30-9:00 a.m.	Registration/Coffee Pastries Fruit
9:00-9:15 a.m.	Welcome: Purpose For The Conference, Why We Are Here, How We Got Here, and Where We Are Going. Conference Hosts and Partners
9:15-10:00 a.m.	Workforce Needs, Recruiting, the Forest Products Industry in Virginia Mike Sexton - Virginia Economic Development Partnership Richmond, Virginia and Why Danville? Bengt Danielsson, President of Swedwood North America
9:45 – 10:00 a.m.	Coffee Break
10:00-11:00 a.m.	Evolution of the Secondary Wood Products Manufacturing Industry Duane Griffith - Manager, Stiles Education Grand Rapids, Michigan and WoodLINKS USA – An Industry-Education Partnership and The Evolution of the Wisconsin WoodLINKS Model Steve Ehle - Wisconsin Coordinator, WoodLINKS USA and Editor, Wood Digest magazine Madison, Wisconsin
11:00-11:30 a.m.	Panel Discussion with Morning Presenters
11:30-12:45 p.m.	Lunch and Luncheon Address: The Evolution and Impact of the West Ottawa High School WoodLINKS USA Program Eric McCourt, WoodLINKS USA Teacher West Ottawa High School Holland, Michigan
1:00-1:30 p.m.	The Advanced Wood Products Laboratory at Georgia Tech Karl Brohammer, Director Atlanta, Georgia
1:30-3:00 p.m.	The Virginia Wood Science and Advanced Wood Products Manufacturing Model – Incorporating the Best National Practices and How We Move Forward as Partners in Virginia Dr. Paul Winistorfer, Professor and Department Head Department of Wood Science and Forest Products College of Natural Resources Virginia Tech – Blacksburg, Virginia Panel Discussion with ALL Presenters
3:00 – 5:00 p.m.	Tour of Swedwood-Danville Plant George Patmore, Plant Manager, Swedwood-Danville Optional for participants but you must pre-register for this tour

The Southern Virginia Forest Products Initiative

March 13, 2008

Institute for Advanced Learning and Research — Danville, Virginia

Partners and Supporters

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Statement of Purpose

- We seek to develop the human resource to enable a globally competitive and sustainable wood and renewable materials industry in Virginia.
- Our partnership is a collaboration of educational providers and business and industry partners who envision the future pathways to reach the potential of Virginia's human resource as the most important element of our economic and natural resources sustainability.
- We are creating educational pathways to create and retain the workforce of tomorrow in Virginia today - to secure our economic and natural resources sustainability for tomorrow.

Benefits

- Create a seamless educational and career pathway for high school and the adult learner that spans K-12 to the University.
- Respond to the changing workforce needs of the business communities.
- Capitalize on Virginia's natural resources, industrial base, and strengths of our educational providers.
- Contribute to the human resource, natural resources, and economic development of Southern Virginia.
- To capitalize on synergisms among the growing partnership as a key strategy for moving forward.

Who Should Attend

- Human Resource Directors
- Wood Industry CEOs and Senior Leadership
- Higher Education Institutions, Administrative Leadership and Faculty
- Public Education Officials, School System Administration and Career and Technical Education Teachers
- Economic Development Specialists
- Government and Community Leaders

Forest Products Club 2008 WOOD T-Shirts

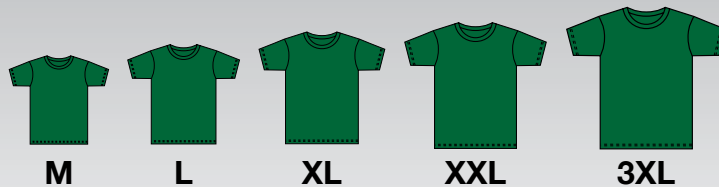
Brooks Forest Products Center
1650 Ramble Road
Blacksburg, VA 24061

230 Cheatham Hall
Virginia Tech
Blacksburg, VA 24061



\$12.00

Sizes Available



Cash or Checks (Payable to "FPS Society")

t-shirt design by Michael Elebash