

# SWST Newsletter

July-August 2002

SOCIETY OF WOOD  
SCIENCE AND  
TECHNOLOGY

**SWST**

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## Editor's Note

Dear Readers:

Here it is, mid August, and we are in the midst of a heat-wave. It has been above 90 degrees F for five straight days. (This is something we Mainers love to complain about!) I hope that everyone is having a good summer. I have been having fun with vacation, cub scout camp, the Bangor State Fair, and the National Folk Festival. I have also been updating course notes, writing proposals, papers, etc. Soon I will be off to Europe to attend the Wood Properties Symposium in Slovakia. On the way, I will make a stop in Stockholm at Tratek and KTH. Should be an adventure!



Next month the Accreditation Standards Task Force will be meeting in Madison to discuss Outcomes-based Assessment. We will keep you informed of developments. Hope to see you at the NPC meeting in Madison September 23-25.

Respectfully submitted,  
Doug Gardner

## Annual Meeting Minutes

### SWST Annual Meeting Minutes June 23, 2002

#### Monona Terrace Convention Center Madison, Wisconsin

The State of the Profession: Reviewing Our Accomplishments, Establishing Our Breadth,

#### (Hall of Ideas H)

7:30-8:00	<i>Registration and Coffee</i>
7:55-8:00	Introduction of the Program Moderator: <i>Bob Rice, University of Maine, Orono, ME</i>
8:00-8:30	Reviewing Our Contributions and Uniqueness <i>Robert L. Youngs, Virginia Tech, Blacksburg, VA</i>

#### An Overview of Wood Science and Technology Programs

##### In Selected Regions

8:30-8:55	Europe: <i>Helmuth Resch, Universitat Bodenkultur, Vienna, Austria</i>
8:55-9:20	Asia: <i>Chung Hse, USDA Forest Service, Pineville, LA</i>
9:20-9:45	Canada: <i>Paul Cooper, University of Toronto, Toronto, Canada</i>
9:45-10:10	Latin America: <i>Aldo Ballerini, University of Bio-Bio, Concepcion, Chile</i>
10:10-10:35	United States: <i>Jim Bowyer, University of Minnesota, St. Paul, MN</i>
10:35-10:45	Questions and Comments
10:45-11:15	Accreditation Standards: Setting a Course for the Future: <i>Thomas E. McLain, Oregon State University, Corvallis, OR</i>
11:15-11:20	Address to Students: <i>Rich Vlosky, Louisiana State University, Baton Rouge, LA</i>

About 100 people attended the Technical Session.

#### Awards Ceremony 11:20-12:00

##### George Marra Awards

1st Place: Chunping Dai  
"Viscoelasticity of wood composite mats during

consolidation", Volume 33, No. 3, pp. 353-363.

2nd Place: Taghi Tabarsa and Ying Hei Chui.  
"Characterizing microscopic behavior of wood under transverse compression. Part II. Effect of species and loading direction", Volume 33, No. 2, pp. 223-232.

2001-2002 Committee - Chair: Mike Richards, Don Bender, Kurt Bigbee Stan Lebow, Ex-officio: Geza Ifju

#### Student Poster Competition

The following students participated in the competition and received a participant certificate:

Roy C. Anderson, Oregon State University, "Analysis of end-use consumer response to certified forest products"

Aldo G. Cisternas, University of Idaho, "Engineering Requirements of Structural Wood Components for Use in Light-Frame Residential Structures"

David B. DeVallance, Oregon State University, "Relating Douglas-Fir plywood glue-bond performance to lathe check characteristics and veneer roughness"

Mark Gagnon, Pennsylvania State University, "Effects of leader-member exchange in a wood production environment"

David Harper, Washington State University, "Characterization of the wood-polypropylene interphase with the addition of a coupling agent and processing aids"

Elena Kultikova, Virginia Tech, "Modeling mechanical properties of OSB"

Reiner M. Leschinsky, Penn State University, "Investigation of motivators of wood products industry employees and differences between generations"

Pascal Nzokou, Michigan State University, "Evaluation of extractives from African Padauk for protection of a non decay resistant species"

Patrick Rappold, State University of New York, "An investigation of the relationship between harvest season, log age, and drying schedule on the coloration of hard maple lumber"

Scott Rennecker, Virginia Tech, "Microscopy: Advances in technology and applications for wood science"

Roger Sathre, University of Idaho, "Improving the performance of hardwood journal bearings"

Yijun Tang, Michigan State University, "Residual copper in water-borne copper naphthenate treated southern yellow pine"

Adam M. Taylor, Oregon State University, "Extractive content of Douglas-fir heartwood in relation to thinning"

William T. Y. Tze, University of Maine, "A study of strain distributions at the cellulose-fiber/polymer interface using a Raman micro-spectroscopic technique"

Iris Vazquez-Cooz, State University of New York, "A differential staining method to identify libriform fibers and their lignification in normal and tension wood of red and sugar maple"

Ernesto Wagner, Oregon State University, "Identifying key competitive advantages using quality function deployment: listening to the customer"

Vikram Yadama, Washington State University, "Characterization and modeling of oriented strand lumber (OSL)"

Xiaoqiu Zuo, North Carolina State University, "Applying a mixture design to solve the least costs grade mix problem"

First Place - Iris Vazquez-Cooz, State University of New York, "A differential staining method to identify libriform fibers and their lignification in normal and tension wood of red and sugar maple"

Second Place - Patrick Rappold, State University of New York, "An investigation of the relationship between harvest season, log age, and drying schedule on the coloration of hard maple lumber"

**Distinguished Service Award**

Frank C. Beall

**Annual Business Meeting 12:00 – 12:45**

About 80 people attended the Business Meeting.

The meeting was called to order by President Mike Barnes at

12:00.

**Minutes from 2001 Annual Meeting**

A motion was made, seconded and passed to accept the 2001 Annual Meeting Minutes as printed in the July- August 2001 Newsletter.

**Executive Director's Report – Vicki Herian**

**Current Members as of June 1, 2002      Members as of June 1, 2001**

Full members	296	Full Members	293
Student members	70	Student members	73
Retired members	58	Retired members	56
Affiliate Member	<u>3</u>	Affiliate Member	<u>3</u>
<b>TOTAL</b>	<b>427</b>		<b>425</b>

USA members	327
Canada members	36
Mexico members	4
Overseas members	60

**Subscribers as of June 1 2002      Subscribers as of June 1, 2001**

Subscribers	242	Subscribers	254
USA	123		
Canada	15		
Overseas	104		

**Delinquent Members**

Delinquent members as of 6/1/02 for 2002 dues - 25 full; 26 student; 3 retired

Delinquent subscribers for 2002 as of 6/1/02 - 41 (11 US, 30 foreign)

Compared to delinquent members as of June 1, 2001 – 25 full; 22 student; 4 retired

Compared to delinquent subscribers as of June 1, 2001 - 56

**Fidelity Spartan Money Market Fund and Vanguard Accounts**

The Vanguard accounts were opened with a beginning balance of \$61,100.00 on February 3, 1998. \$10,000 was transferred back into checking on 8/27/99 due to a low balance, so the actual principle in the fund was \$51,100.00. An additional \$6,000 was transferred back into checking on September 26, 2001. The balance was \$48,328.50 on March 31, 2002 (the date of the last statement). The Student poster money was invested in November 1998 with an initial balance of \$4,750.00. An additional \$1,000 was invested on 8/13/99, \$1,050 was invested on 6/19/00, \$750 was

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invested on 12/22/00, \$750 invested on May 14, 2001, \$250 invested on November 2001, \$250 in December 2001 and \$500 invested on 4/3/02. The current balance (as of 4/7/02) in that account is \$8,711.46. Charts are attached.

### Checking Account

The balance in the checking account as of June 1, 2002 is \$38,555.40.

### Student Poster Competition Fund History and Status

Contributors are: APA-The Engineered Wood Association, California Cedar Products, Forintek Canada Corporation, Iowa State University, Louisiana State University, Mississippi State University, North Carolina State University, Oregon State University, Virginia Tech, University of British Columbia, University of Idaho, and Willamette Industries, Inc.

There are 16 participants in the 2002 Competition.

### Miscellaneous

The 2001 Annual Meeting Proceedings was printed and mailed to participants. There are copies available for \$10.

All web pages have been updated as of May 2002. I have purchased NetTracker 5.5 Professional for our server. This should give us a better idea where our hits are coming from. I have also added meta tags to each page with keywords supplied by Les Groom and Jim Funck.

The Constitution and Bylaws has been reprinted and is available for distribution. It is also available on the web.

A new membership application has been prepared, incorporating the Bylaws changes. This is available for use.

The Committee Handbook for 2001-2002 has been amended with new charges and other additions/corrections. This was emailed to all committee chairs

and the board. It is also available on the web.

I have processed a new Affiliate member, Talents F. Goto, from Zimbabwe.

A member survey, prepared by Rich Vlosky, has been mailed to members for their input and return to Rich. Rich hopes to have preliminary information for the Annual Meeting.

A 2002 Membership Directory has been mailed to all members. Please inform the Executive Office of any corrections.

NOTE: Our zip code will be changing June 28, 2002 to 53726-2398!

### Auditor's Report - Cherilyn Hatfield

At your request, I reviewed the SWST bank statements for the period June 1, 2001 through May 31, 2002. Checks, deposits, VISA and MasterCard charges, interest charges and bank charges were verified against the corresponding statements. No discrepancies were found between the statements and the books in any area.

The May 31, 2002 checkbook balance of \$38,555.40 corresponds with the checking balance on the May 31, 2002 Balance Sheet.

The \$57,039.91 total investment in the Vanguard accounts on the balance sheet also matches the total on the most recent Vanguard statements (3/31/02, and 4/08/02).

### Financial Report

#### SOCIETY OF WOOD SCIENCE AND TECHNOLOGY FISCAL STATUS DECEMBER 31, 2001

##### BALANCE SHEET

Total Assets	\$77,737.50
Total Liabilities	\$29,569.00
Total Equity	\$48,168.50
Total Equity & Liabilities	\$77,737.50

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**INCOME STATEMENT**

	<u>2001 Budget</u>	<u>Actual</u>	
Total Income	\$113,483.00	\$136,735.46	
Total Expenses	<u>\$111,472.00</u> \$ 2,011.00	<u>\$138,648.05</u> (- \$1,912.59)	
<b><u>2003 Budget</u></b>			
Category	Income	Expenses	Net
W&FS	\$122,680	\$ 80,950	\$41,730
Dues	\$ 24,800		\$24,800
Interest	\$ 300		\$ 300
Member Services	\$ 10,230	\$ 22,700	\$(12,470)
Admin Services	\$ 20,850		\$(20,850)
Salary & Taxes	\$ 24,584		\$(24,584)
<b>TOTAL</b>	<b>\$158,010</b>	<b>\$149,084</b>	<b>\$ 8,926</b>

**Wood and Fiber Science – Geza Ifju**

I took over the editorship from Bob Youngs on July 1, 2001. Below is a short summary of the activities during the last year.

Number of manuscripts received since July 1, 2001	77
Number of manuscripts inherited from Bob Youngs	58
Total:	
135	

	No.	Pages
Published in W&FS		
October, 2001	13	156
January, 2002	16	144
April, 2002	15	173
July, 2002	11	130
Total published:	55	603
Rejected		8
Ready to go in the October, 2002 issue		15
Ready to go in the January issue		6
In process at various stages		51
Total:		135

Wood and Fiber Science receives a healthy number of manuscripts. Most of the submissions are of high quality. The articles in the past four issues have been diverse among the various topics. There appears to be an increasing number of manuscripts submitted by non-English speaking authors, especially from South America, Asia and Europe. This trend is very good from the diversity point of view but sometimes it creates problems because of English.

Some of the reviewers have been very generous with their time and have tried to put the paper into proper technical English. Others have just suggested to reject the somewhat incomprehensible manuscripts. I have not rewritten any of those papers. Instead, I suggested to the authors to give their manuscripts to an editor with a good command of technical English.

Page charges are sometimes difficult to collect. In order to improve the collection process, I devised a "Page Charge Agreement Form" which is now sent to all authors whose papers have been recommended for publication with the suggested revisions. The signed form along with the signed "Copyright Agreement Form" must be returned with the revised manuscript before I pass the paper over to Carol Ovens, the Assistant Editor. SWST members pay \$90 and non-members \$135 per page. If the average charge per page for last year was \$100, and if every author paid, the Society received over \$60,000 from the authors.

The problem has continued with some authors indicating after the article is published that they cannot pay the page charges. Geza suggested sending them a letter with the galley proofs that payment needs to be made before the article is published. Geza and Vicki should make up the letter and have the press send with the reprint form and galleys.

Vicki should fix Rado's form for journal and printing to specify that individuals only get the right to put their article on their personal webpage for the \$100 fee, not a PDF document or the code. However, Allen Press can provide the code for an additional \$95.

A new special charge to the Publication Policy Committee (Bob Youngs, Chair) is to clear up the State-of-the-Art papers procedures.

**Committee Reports**

- 1. Accreditation – Tom McLain report** – Review activities: a) Accreditation for Penn State was extended for one year to allow coordination with an SAF site visit. SAF deferred visitation in 2001 to resolve internal concerns over changes in review procedures. Arrangements for review in Fall 02 or Spring 03 are pending; b) Mississippi State was notified of needed interim review in 2002. Their interim report is expected in late summer; c) Continued accreditation of the program at Oregon State was approved by the Board in October 2001; d) a site visit to the University of Maine is planned for Spring 2003. Other activities: SWST/SAF Memo of Understanding – Discussion continues, but no discernable progress has been made toward formalizing our business relationship with SAF. Accreditation Standards: a) The Executive Board charged an ad hoc team to review the SWST Standards and propose necessary changes, in-

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- cluding those needed to maintain consistency with SAF standards. The Board specifically charged the team to develop core Wood Science and Technology competencies that would be incorporated into an outcomes-based standard. b) The drafting team will meet on Saturday, June 22, to begin its work. c) The Committee Chair will inform the membership about accreditation changes in the June 2002 Annual Meeting. Mississippi State University 5-year interim report was delivered to Tom McLain today. The committee will now act on it.
2. **Education** – Audrey Zink-Sharp has prepared Teaching Unit 2 as a powerpoint presentation, which she will give to Vicki for distribution and making available on the web. Unit 1 is available on the web.
  3. **International Relations** – report was published in the Newsletter. Rich Vlosky received two affiliate member reports which will be printed in the Newsletter.
  4. **Membership**– A member survey was mailed to members. Rich Vlosky has preliminary results from only 44 responses thus far. He will continue to compile results and asked for people to send back.
  5. **Past Presidents' Council** – Frank Beall is this year's Distinguished Service Award winner. A call for new nominations was made.
  6. **Newsletter** – Send items to Doug Gardner..
  7. **Policy and Critical Issues** – Jim Armstrong is currently working on a policy/position statement regarding logging on public lands. The committee will have an additional charge to move forward another position statement on "National Need in Capacity and Investment in Forest Products R&D".
  8. **Public Liaison** – Report was published in the Newsletter.
  9. **Publication Policy – Report from Rado Gazo.** All 2002 charges have been accomplished. There are a number of state-of-the-art papers in the pipeline. The committee submitted a policy to the Board on purchasing rights to put W&FS articles on personal websites.
  10. **Visiting Scientist Program – Report from Tom Hammett.** We received one new request for support of international travel. SWST had to hold off on awards for the time being. After a few months, it was determined that SWST did not have funds at this time to support these grants. So I told the applicant we had to "shelve" his application. Since his trip was

already planned (late 2002) it is assumed that he will seek funding elsewhere. Our plan is to advertise the grants after the program is reinstated. Our hope is that this will attract more members to apply. I have now served two years as the chair person and it is time to hand off to another person. I plan to recruit one new person to replace me at the annual meeting in June. Our hope is that the financial situation will improve and we can again award grants in the near future. I will coordinate with the SWST Executive Director on this and other aspects of the committee's activities. The committee will be updating and revising the list of visiting scientists.

Mike thanked all the committees for their work during the year and asked people to fill out the committee sign-up form for next year.

### Old Business

Ramsay presented the approved Mission and Vision Statements

Vision: Be the leader in advancing the profession of wood science and technology

Mission: Provide service to SWST members; develop, maintain, and promulgate the educational, scientific, and ethical standards that define the profession; advocate the socially responsible production and use of wood and wood-based products.

### **Teller's Report – Vicki Herian**

**Vice President:** Audrey Zink-Sharp

**Directors:** Todd Shupe and Bob Smith

*Total Ballots Returned*  
97

This was a very low return of ballots. The Board should investigate ways to increase participation.

*New Business*

Bob Rice, the new President, presented a plaque to Mike Barnes recognizing his tenure as President for 2001-2002.

Rice announced a meeting for committee chair and vice chair to be held later Sunday from 4:30-5:30 to go over charges for next year.

*Bush Letter*

A copy of the letter was included in the registration packets. People who were interested in signing it and had not yet done so could sign up after the meeting. The letter will be sent out soon.

A motion was made, seconded and passed to adjourn at 12:45 pm.

*Afternoon Program*

1:00-4:00	Joint SWST/Forest Products Society (FPS) Plenary Sessions <i>Session 1:</i> Current Topics in Evaluating Solid Wood and Wood-Based Composites (Hall of Ideas I) <i>Session 2:</i> Properties and Processing of Fiber-Based Raw Materials: Understanding Macro-, Micro-, and Nano-Structures (Hall of Ideas J)
4:00-5:30	Joint SWST/FPS Technical Forum and Student Posters (Ballroom D)
4:30-5:30	SWST Committee Chair Meeting (Room N)
6:30-8:00	Joint SWST/FPS Host Reception (Grand Terrace)

**Summary of 2002 SWST Saturday and Monday Board Meeting Minutes  
June 22-24, 2002  
La Follette Room, Hilton Hotel  
Madison, WI**

- 2002 Annual Technical Session – Bob Rice, “The State of the Profession: Reviewing Our Accomplishments, Establishing Our Breadth, Outlining Our Future” is on schedule. Bob will try to have a proceedings ready by the end of summer
- Wood and Fiber Science – There has been some problems in authors not paying after article is published.

Geza and Vicki will work on a letter that goes out with the galley proofs and page charge authorization form.

- Rado Gazo has written an editorial detailing how an author can put their W&FS article on their personal webpage for a \$100 fee to SWST. This does not give them a PDF file or code. Allen Press can provide this code for an additional \$95.
- Next year Vicki should send out the ballot mailing with a prepaid return card where members can mark their choices and then mail. Perhaps this will increase the participation in the election.
- Vicki will be putting several documents in PDF format on the web; Standards and Procedures for Accreditation, Committee Handbook and Member Handbook. She will also put up Bob Rice’s searchable index for W&FS.
- Other items to be put on the web in the near future – perhaps a Member Directory in a “members only” section; the Visiting Scientist Program listing of scientists when it is updated; perhaps a member expertise list; the new Career Brochure; and Mission and Vision Statements.
- SWST will try to have a poster at the IUFRO Division 5 meeting in New Zealand next year. Vicki will work with Bob Youngs.
- Paul Blankenhorn drafted a “Fellows” member category for review by the Board and Membership Committee.
- Nominations Committee for 2002-2003 is Ramsay Smith, Bill Boehner, and Barb Gartner.
- Visiting Scientist Program visits should be encouraged to be advertised to other departments of the visiting school.
- Mission and Vision statements were approved.
- Potential theme for 2003 Annual Technical Session – “Wood Science and Technology in the Biobased Economy” – Doug Stokke, chair.
- Approval to send Bush letter given by the Board
- 2003 Budget approved, to be presented at Annual Meeting
- Assignment/Reassignment of Liaisons: Bob Smith: Accreditation, Publication Policy; Todd Shupe: Visiting Scientist Program, Public Liaison; Rado Gazo: Education, Membership; Cindi West: International Relations, Policy and Critical Issue
- Fall 2002 Board Meeting will be held in Washington, D.C. in October or November

## News

### GREATER FLAGSTAFF FORESTS PARTNERSHIP

Wood Utilization and Business Development Specialist Job Announcement

The Greater Flagstaff Forests Partnership, Inc., located in Flagstaff, Arizona, seeks a Wood Utilization and Business Development Specialist to assist in research, development, implementation and outreach activities in the Partnership's program areas of utilization of small wood and other forest restoration by-products and associated business & industry development & recruitment.

The Wood Utilization and Business Development Specialist is a regular full-time position, benefits eligible, pay DOE. A minimum of 2 to 3 years in a relevant field is required.

Please send a cover letter expressing your interest in the position, resume, and salary history to:  
Greater Flagstaff Forests Partnership  
ATTN: search committee  
1300 S. Milton Rd, Suite 218  
Flagstaff AZ 86001

For more information visit [www.gffp.org](http://www.gffp.org) <<http://www.gffp.org>>, no phone calls please

#### RNRF ANNUAL AWARDS ANNOUNCEMENT

The Renewable Natural Resources Foundation (RNRF) is pleased to announce its 2002 Awards recipients. The winners are:

**SUSTAINED ACHIEVEMENT AWARD:**  
Dr. Edward O. Wilson, Harvard University

**OUTSTANDING ACHIEVEMENT AWARD:**  
The Texas Cooperative Extension *Natural Resource Leadership Course for Extension Agents*,  
Institute for Renewable Natural Resources

**EXCELLENCE IN JOURNALISM AWARD:**  
"Georgia's Disappearing Songbirds," by Charles

Seabrook,  
*Atlanta Journal-Constitution.*

In 1992, the Renewable Natural Resources Foundation established the nation's first awards program honoring interdisciplinary achievement in the renewable natural resource fields.

Ten years later, the Foundation's Sustained Achievement and Outstanding Achievement Awards remain unique in their recognition of interdisciplinary renewable natural resource conservation work. In 2000, RNRF added an Excellence in Journalism Award, recognizing accurate, science-based print journalism that informs the public on important natural resource issues.

### Arthur R Muschler Obituary

Arthur R Muschler, 79, of Oak Brook, a decorated World War II veteran and a retired executive at Edward Hines Lumber Co., who co-authored two forestry books, died Tuesday; April 16, 2002 in Northwestern Memorial Hospital of bone

marrow cancer.

Arthur F. Muschler



In Memoriam

July 22, 1922 - April 16, 2002

Born in Aurora, Mr. Muschler decided when he was young that he would someday work as a forester or in a field related to nature. Some of his fondest memories were of the times his family spent exploring the woods near their home. "He wasn't one to reminisce much about his childhood, but he did talk about this lit-

tle fishing shack his family owned along the Fox River," said his wife, Audrey "That's where I think he first developed his passion for fishing, the trees and forest, and his overall love of nature."

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Mr. Muschler received degrees in forestry from Michigan State University; Yale University; the Swiss Federal Technical Institute and the University of Michigan. He worked and taught at Yale as an assistant professor in The School of forestry from 1950 to 1953; He co-authored two books on forestry and tropical woods that were based on a U.S. Navy research study.

During World War II, Mr. Muschler served in combat in the Alps in northern Italy as, a forward observer in the U.S. Army 10th Mountain Division. He was decorated twice for heroic achievement and awarded a Bronze star with oak leaf cluster and the Purple Heart. As a civilian, he was president of the National Association of the 10th Mountain Division from 1989 to 1991 and chairman of the board from 1991 to 1994. From 1992 to 1993, he was secretary general of the International Federation of Mountain Soldiers, an organization dedicated to peace and reconciliation.

"He was very proud of his service with the 10th Mountain Division," said his wife. "They were a highly skilled group of soldiers and part of the same division that today sending soldiers into the mountains of Afghanistan."

After the war, Mr. Muschler went to work for the Edward Hines Lumber Co. in Chicago as a technical director. He advised the company on lumber quality at its mills in Oregon and Arkansas and headed its department on new product development and research.

He served in many professional organizations, including terms as president of the Society of Wood Science and Technology from 1961 to 1962 and the Forest Products Research Society from 1966 to 1967. He retired in 1986.

An Oak Brook resident since 1960, Mr. Muschler served on the Oak Brook Zoning Board of Appeals between 1972 and 1982. He was also on the board of directors of the Gads Hill Center Settlement House on the South Side of Chicago from 1962 to 1994. Mr. Muschler is also survived by three sons, George, James and John; a brother, Robert, and six grand children.

## Conferences and Events

### Upcoming Conferences

Quality Drying: The Key to Profitable Manufacturing September 23-25, 2002, Crowne Plaza Montreal Centre, Montreal, Quebec, Canada

FPS Midsouth Section Meeting - "Recent Developments in the Wood Preservation Industry" October 17, 2002, Bayview Convention Center, Biloxi, Mississippi, USA

Exploring New Paths: The North American Forest Industry in Transition October 27-29, 2002, Renaissance Vancouver Hotel, Vancouver, British Columbia, Canada

7th International Conference on Woodfiber-Plastic Composites (and other natural fiber) May 19-20, 2003, Monona Terrace Convention Center/Hilton Hotel, Madison, Wisconsin, USA

FPS 57th Annual Meeting June 22-25, 2003, DoubleTree Hotel, Bellevue/Seattle, Washington, USA

FPS 58th Annual Meeting June 27-30, 2004, Amway Grand Plaza Hotel, Grand Rapids, Michigan, USA

FPS 59th Annual Meeting June 19-22, 2005, Radisson Hôtel Gouverneur Québec/Québec City Convention Centre, Québec City, Québec, Canada

### International Association of Wood Products Societies Conference

An Invitation from the Conference Chairman:

Dear Colleagues in the field of Forest Products,

On behalf of Organizing Committee, the International Advisory Committee, and the Conference Sponsors, I would like to express my warm invitation and welcome to the international conference (IAWPS2003) of IAWPS (International Association of Wood Products Societies). I would like to especially welcome all those who have not previously visited Korea and do not know well about 5,000 years of history and culture of Korea. I hope that you all visit Korea and find about the country of Morning Calm.

IAWPS is the international organization aiming to contribute better utilization of wood and wood products for human, earth and our future and to build better world by using wood and wood products. IAWPS2003 is part of such effort and designed to provide a forum for active discussion and exchange of information and recent research findings among researchers,

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scientists and engineers of the world. The information presented in the conference will be useful for researchers, manufacturers, international traders and whoever wants better utilization of wood for human, earth and future.

The conference will be processed for three major topics such as engineering utilization, chemical utilization, and recycling and environmental issues of wood. Even though subjects of IAWPS2003 is somewhat broad, it may give us another chance to meet our colleagues working in different but closely related fields of forest products.

Daily tours for accompanying persons and conference participants will be arranged to visit historical and cultural places around conference venue. You can visit Kyungju, the ancient Capital of Korea, and very old historic town where shows traditional construction and living style of Korea by participating in the post-conference tour.

Please visit our homepage at <http://www.iawps2003.or.kr>, and please send e-mail to [ssjang@cnu.ac.kr](mailto:ssjang@cnu.ac.kr), if you have any question. I hope to see you at IAWPS2003.

## BUILDING COMPONENT MANUFACTURERS CONFERENCE

OCTOBER 16-18, 2002

GREATER COLUMBUS CONVENTION CENTER  
COLUMBUS, OHIO

### International Forest Products Markets Conference

The Center for International Trade in Forest Products (CINTRAFOR), part of the College of Forest Resources, University of Washington, holds an annual conference titled the International Forest Products Markets Conference in Seattle, WA. This year it will take place at The Mountaineers on September 26 and 27. This conference will be of interest to the forest products industry and financial community. Short presentations, by excellent speakers of diverse beliefs, will allow plenty of time for discussion. This year's conference will cover themes such as:

- Macroeconomic overview
- Financial trends and timber values
- Economic outlook for Asian markets
- An overview of log, lumber, panel and chip markets
- Opportunities and obstacles in China and other emerging

markets

Regulatory reform and opportunities in Asian markets  
World Summit on sustainable development and its relevance to forestry

Speakers have been invited from the US, Canada, Europe and the Pacific Rim including the following:

David Berson, VP and Chief Economist, Fannie Mae,  
Washington DC  
Les Reed, UBC, Vancouver, Canada  
Xu Fang, AF&PA Shanghai  
Charlie Barnes, APA-The Engineered Wood Association,  
Tokyo

All information regarding this conference, the agenda, accommodations, and registration can be found at the following url: [http://www.cintrafor.org/CONFERENCE\\_TAB/overview.htm](http://www.cintrafor.org/CONFERENCE_TAB/overview.htm)

PUBLIC RELATIONS AND MARKETING SPECIALIST  
Role Title: Pub Rel & Mktng Spec III

### New Wood Design Standards Seminar

Four new national design standards for wood buildings will be explored in depth at a seminar to be held October 14-15, 2002, in Blacksburg, Virginia.

ANSI/AF&PA NDS-2002, "National Design Specifications for Wood Construction," will be reviewed with a focus on practical design applications. ANSI/TPI 1-2002, "National Design Standard for Design of Metal-Plate-Connected Wood Truss Construction," will be reviewed in depth with a focus on quality measures used for manufacturing and third-party inspection, significant changes to the truss design provisions that may impact design professionals, and truss design responsibilities for all parties involved when wood trusses are used. ANSI/TPI/WTCA 4-2002, "Standard Responsibilities in the Design Process Involving Metal Plate Connected Wood Trusses" will be reviewed and discussed by the participants. Finally, the prescriptive provisions of ANSI/AP&PA WFCM-2001, "Wood Frame Construction Manual for One-and-Two Family Dwellings," will be used to design all structural framing of an example house and the standard's engineering design provisions for connections, floors, walls and roof systems will be reviewed.

The course will also cover other new design information and research related to wood construction such as joist design supporting ceramic tile, T-bracing design for truss webs, general truss bracing design and diaphragm design for traditional timber frame.

In addition to lunch and refreshments on both days, copies of the ANSI/AF&PA NDS-2002 standard and supplement, ANSI/TPI 1-2002, ANSI/TPI/WTCA 4-2002, and ANSI/AF&PA WFCM-2001 and ANSI/AF&PA WFCM-2001 Commentary books are included with registration; details are available online at

<http://www.conted.vt.edu/wood-design/index.html>

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Participants will receive a certificate for 1.5 Continuing Education Units (CEUs), equivalent to 15 hours of instruction. For more on course content, contact Dr. Frank Woeste at (540) 231-6093 or e-mail fwoeste@vt.edu.

## Positions

### VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

Department of Wood Science & Forest Products  
Center For Unit Load Design

Promotes Center For Unit Load Design membership; edits and publishes quarterly newsletter; organizes Center advisory board and membership meetings; coordinates continuing education programs; maintains web sites; participates in teaching, research, and outreach missions of the Center. Qualifications: B.S. Degree in marketing, business management or related discipline or equivalent combination of training and experience. Editing and/or publishing experience. Strong interpersonal, organizational, and communication skills. Proficiency in office computer technology such as word processing, spreadsheets, desktop publishing, and website management. Preferences given for: Training or experience in packaging science, wood science or related discipline. **FULL-TIME POSITION** Monday - Friday 8:00 a.m. - 5:00 p.m. Call 540 231-5301 voice or 540 231-6258 TDD or visit any VA Employment Commission office to obtain a state application or you may access our web site at [www.vt.edu](http://www.vt.edu) to submit an electronic application. Return application (resume also requested) to Personnel Services, Southgate Center, Blacksburg, VA 24061 by 1:00 PM on 06/17/2002. Refer to job number 007949J. Normal Pay Min \$30,000 **SALARY DEPENDENT ON QUALIFICATIONS**. Individuals desiring assistance/accommodation in the application/interview process should call us by the application deadline. **AN EO/AA EMPLOYER COMMITTED TO DIVERSITY.**

### Assistant Professor in Wood Mechanics / Timber Engineering

#### DEPARTMENT OF WOOD SCIENCE AND FOREST PRODUCTS

The Department of Wood Science and Forest Products at Virginia Tech is seeking applications for the position of assistant professor in the area of wood mechanics/ timber engineering. Virginia Tech has been a national leader in wood engineering/timber mechanics and we wish to

maintain our leadership in this critical area of wood research and teaching.

**Position Description:** The tenure-track position will be at the Assistant Professor level and will be a calendar year appointment. The position will be split approximately as 60% applied and fundamental research and 40% teaching responsibilities. The successful candidate is expected to develop a nationally recognized research program in the areas of wood mechanics and structural timber engineering focused on the efficient and effective use of wood and wood-based composites in buildings. Teaching responsibilities include graduate and undergraduate classes on the mechanical properties of wood and timber engineering. The position provides excellent opportunities to develop a strong interdisciplinary program with other researchers in the department and on the Virginia Tech campus in the field of wood/timber engineering. The successful candidate will be expected to publish in refereed journals, pursue extramural funding, participate in local, regional and national meetings of professional societies, serve as major professor for graduate students, and serve on graduate committees. Cooperation with other scientists in the department and across our campus is expected.

**Qualifications:** Candidates will have a Ph.D. in wood science, forest products, timber engineering, civil engineering, structural engineering or closely allied field, with demonstrated experience in wood mechanics/timber engineering. The successful candidate must be able to communicate effectively with people at all levels in university, industry and private sectors.

**Application:** Application materials should include a current vitae, copy of official transcripts for all degrees at all institutions, and the names, addresses, phone numbers and email addresses of five professional references. The applicant should address his or her interest in the position by preparing a written statement of interest that addresses the matching of personal skills and education with the position description. Review of candidate files will begin September 1, 2002 and continue until a suitable candidate is identified.

**Inquiries:** Dr. Joseph R. Loferski, Professor and Chair, Search Committee  
Department of Wood Science and Forest Products  
College of Natural Resources, Virginia Tech  
1650 Ramble Road, Mail Code 0503,  
Blacksburg, VA 24061  
Phone: 540-231-4405  
Email: [jloferski@vt.edu](mailto:jloferski@vt.edu)

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## Value Added Construction Wood Products and Systems

### Graduate Research Assistantships and Postdoctoral Fellowships

The Faculty of Forestry and Environmental Management at the University of New Brunswick (UNB), Canada has several openings for graduate students (Graduate Research Assistantships) and Postdoctoral Fellows. This is part of a national R&D consortium aimed at increasing the proportion of forest products that are secondary and tertiary processed in Canada. Our partners in the initiative are federal, regional and provincial government agencies, co-operative industry led R&D organisations, and other universities. Although the consortium as a whole will address all aspects of adding value to wood products, emphasis at UNB will be on wood-based construction materials, components and systems.

UNB was established in 1785 and is Canada's oldest English language university. The Faculty of Forestry and Environmental Management offers degree programmes at all levels and is the oldest forestry school in Canada offering undergraduate degrees. It is recognised as one of North America's premier schools for forestry related education and research. Facilities supporting research on construction wood products are located on campus, and off-campus at the purpose built Tweeddale Centre for Industrial Forestry Research that houses the UNB Wood Science and Technology Centre. A multidisciplinary approach is taken towards activities that range from chemical processing to behaviour of massive structural systems.

We are looking for people of ability with the imagination necessary to help transform the manufacture and use of wood products into a high-technology industry befitting the new millennium. Suitable backgrounds include, but may not be limited to, wood science and technology, materials science, construction materials and processes, structural and

mechanical engineering. We are extremely open minded about topics of study provided that they fit within the general framework outlined above. The primary consideration will be capabilities and interests of candidates, and how those fit with our priorities.

We want to hear from you if the prospect of being part of our team excites you.

## Humor

### You Know You're From West Virginia

When.....

1. You have spray painted your girlfriends name on an overpass.
2. You consider a six-pack and a bug zapper quality entertainment.
3. Your junior and senior prom had daycare.
4. The directions to your house include "turn off the paved road"
5. Your dog and wallet are both on a chain.
6. You owe the taxidermist more than your annual income
7. Your wife's hairdo has been ruined by a ceiling fan
8. Your brother-in-law is also your uncle
9. You view the family reunion as a place to meet girls
10. You think Volvo is a part of a woman's anatomy
11. Your first born helped you open wedding presents
12. You bar-b-que SPAM on the grill
13. Redman chewing tobacco sends you a Christmas card

Courtesy of my wife, who happens to be from the Great State of West Virginia

### Teaching Math

Teaching Math in 1950: A logger sells a truckload of lumber for \$100. His cost of production is  $\frac{4}{5}$ ths of the price. What is his profit?

Teaching Math in 1960: A logger sells a truckload of lumber for \$100. His cost of production is  $\frac{4}{5}$ ths of the price, or \$80. What is his profit?

Teaching Math in 1970: A logger exchanges a set "L" of lumber for a set "M" of money. The cardinality of set "M" is \$100. Each element is worth one dollar. Make 100 dots representing the elements of the set "M". The set "C" the cost of production, contains 20 fewer points than set "M". Represent the set "C" as a subset of set "M" and answer the following

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question: What is the cardinality of the set "P" of profits?

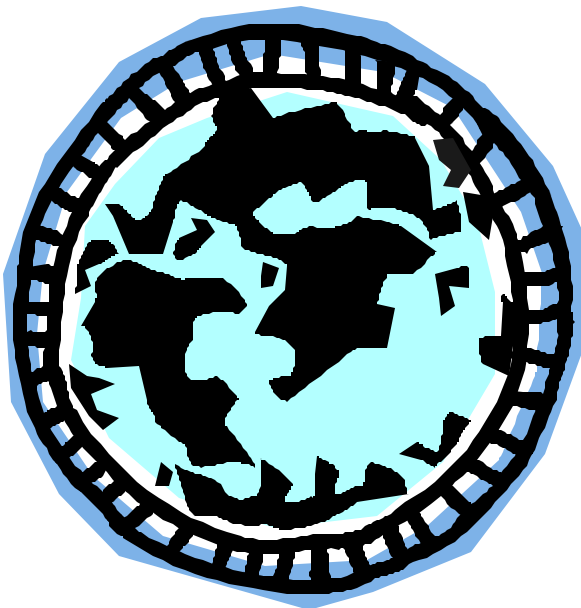
Teaching Math in 1980: A logger sells a truckload of lumber for \$100. His cost of production is \$80 and his profit is \$20. Your assignment: underline the number 20.

Teaching Math in 1990: By cutting down beautiful forest trees, the logger makes \$20. What do you think of this way of making a living? Topic for class participation after answering the question: how did the forest birds and squirrels feel as the logger cut down the trees? There are no wrong answers.

Teaching Math in 2000: A logger sells a truckload of lumber for \$100. His cost of production is \$120. How does Arthur Andersen determine that his profit margin is \$60?

## New on the SWST Website

**Wood and Fiber Science  
Searchable Index  
Volumes 1 to present (1969 - )  
Searchable by keyword or author  
Prepared by Robert Rice, University of  
Maine** ([www.swst.org/wood\\_science\\_index.pdf](http://www.swst.org/wood_science_index.pdf))



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**SWST** is a technical and professional organization for scientists and engineers working in academia, government, consulting and the forest-products industries and is dedicated to providing education and expertise regarding better ways to use and produce wood products.

Items for the Newsletter may be sent to Doug Gardner, at the above address.

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