

# SWST Newsletter

July-August 2001

SOCIETY OF WOOD  
SCIENCE AND  
TECHNOLOGY

**SWST**

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## Editor's Note

Dear Readers:

Where did the summer go? It seems like yesterday that I was introducing my summer students to their particular research projects. In that regard, our Woodtruder performed quite nicely extruding various formulations of wood plastic lumber.

The summer in Maine has been a good one, if only a little too short. I'm reaping the harvest from my garden, and enjoying the "home grown" tomatoes. I've also been having fun catching frogs with my three sons. I am looking forward to the beginning of the fall semester with all it's excitement. The news has been slow this summer, but I am sure that it will pick up in the fall. If you have any news or humor, please feel free to send me an email for inclusion in the next Newsletter.

**If need be, please update your email address with Vicki!!!!**

Respectfully submitted,

Doug Gardner



## Annual Meeting Minutes

### SWST Annual Meeting Minutes June 24, 2001

#### Wyndham Inner Harbor Hotel Baltimore, MD

#### Technical Session - "Forest Products Education: Kids & Teachers"

- 8:00-8:15      *Introduction and Welcome - H. Michael Barnes*
- 8:15-8:45      *Practical Considerations for Designing Successful, Child-centered Instruction - Susan G. Magliaro*
- 8:45-9:15      *Educating Teachers - Kathy McGlaufflin*
- 9:15-9:45      *Woods Walk – Woods Talk - Allan Houston*
- 9:45-10:15     *The Roots of Wood Magic - Terry E. Conners, R. Daniel Seale, Amy Garrard*
- 10:15-10:45    *Setting Learning Objectives and Measuring Outcomes for Wood Magic Programs, Patricia D. Morrell, Jeffrey J. Morrell*

About 100 people attended the Technical Session.

#### Awards Ceremony 10:45-1:00

#### George Marra Awards

- 1st Place: Zhang, Jun and Pascal Kamdem,  
"Interaction of copper-amine with southern pine: Retention and migration", Vol 32, No. 3, pp. 332-339.
- 2nd Place: Susan E. Anagnost, Richard E. Mark, and Robert B. Hanna.  
"Utilization of soft-rot cavity orientation for the determination of microfibril angle - Part 1", Vol. 32, No. 1, pp. 81-87.

#### Student Poster Competition

The following students participated in the competition:

Aldo G. Cisternas, University of Idaho, Moscow, ID  
"Engineering Requirements of Structural Wood Composites for use in Structures"

Keshava Datta, University of Maryland, Baltimore, MD

"A Mathematical Model for 90-0 Woodcutting"

Edgar C. Deomano, Virginia Tech, Blacksburg, VA  
"Mechanism of Flake Drying and its Correlation to Quality"

David C. Hennington, Mississippi State University, Mississippi State, MS "Using External Indicators in Southern Yellow Pine Species (specifically *Pinus taeda*) to Predict Lumber Quality"

Will Jones, Mississippi State University, Mississippi State, MS "Calcium Borate Treated Waferboard"

Sang Yeob Lee, University of Idaho, Moscow, ID  
"Transcrystallization Initialized from Surface Characteristics of Thermomechanical Pulp (TMP) Fibers and its Influence in the Interfacial Strength"

Sunyoung Lee, Louisiana State University, Baton Rouge, LA "Leachability of Zinc Borate-Modified Oriented Strandboard (OSB) from Southern Wood Species"

Gan Li, Mississippi State University, Mississippi State, MS "Static and Fatigue Strength of Dowel Joints Constructed of Pine Plywood"

Wei Li, Louisiana State University, Baton Rouge, LA  
"Technical Feasibility of Oriented Strandboard (OSB) Production from Recycled CCA-Treated Wood"

Yihai Liu, Clemson University, Clemson, SC  
"Statistical Evaluation on Selected Properties of Parallel Strand Lumber"

William Parsons, Washington State University, Pullman, WA "Energy-Based Modeling of Bolted Connection Performance in Hollow Sections"

Thaddeus J. Ryan, Washington State University, Pullman, WA "Inter-Story Shear Transfer in Wood-Frame Buildings"

Milan Sernek, Virginia Tech, Blacksburg, VA  
"Characterization and Bonding Performance of Inactivated Wood Surface"

Jim Skipper, Mississippi State University, Mississippi State, MS "Direct Withdrawal of Staples in Three Common Hardwoods"

Ronnia Y. Vun, Louisiana State University, Baton

Rouge, LA “Through-Thickness Ultrasonic Characterization of Wood and Agri-Fiber Composites”

Thomas Williams, The University of Tennessee, Knoxville, TN “A Modified Six Sigma Approach to Improving the Quality of Hardwood Flooring”

Jun Zheng, Virginia Tech, Blacksburg, VA “Fundamental Studies of PF/pMDI Hybrid Adhesives”

Balazs G. Zombori, Virginia Tech, Blacksburg, VA “Modeling the Transient Effects during the Hot-Compression of Wood-Based Composites”

Xiaoqiu Zuo, North Carolina State University, Raleigh, NC “Optimizing Gang Ripsaw Fixed-Blade Arbor Spacing to Improve Rough Mill Conversion Efficiency”

First Place - Milan Sernek, Virginia Tech, Blacksburg, VA “Characterization and Bonding Performance of Inactivated Wood Surface”

Second Place - Thaddeus J. Ryan, Washington State University, Pullman, WA “Inter-Story Shear Transfer in Wood-Frame Buildings”

**International Visiting Scientist Award**

D. Earl Kline – Travel to Sweden, Finland, Norway, Germany

**Editor**

Robert Youngs – Editor 1995 - 2001

**Special Award**

Plaque of appreciation to Alan Marra for his contributions to the George Marra Award each year.

**Distinguished Service Award**

Thomas M. Maloney

**Annual Business Meeting**

About 80 people attended the Business Meeting.

The meeting was called to order by President Ramsay Smith at 8:00 a.m.

A moment of silence was offered for Elvin Choong, Malcolm MacPeak, George Stern, and any other SWST

member who may have died this past year.

Minutes of 2000 Meeting – The minutes of the 2000 Annual Meeting were published in the July-August 2000 Newsletter. A motion was made, seconded and passed to accept these minutes.

Executive Director’s Report

Members as of June 1, 2001 Members as of June 1, 2000

Full members	293	Full Members	302
Student members	73	Student members	65
Retired members	56	Retired members	54
Affiliate Member	<u>3</u>	Affiliate Member	<u>1</u>
<b>TOTAL</b>	<b>425</b>		<b>422</b>

USA members	332
Canada members	30
Mexico members	4
Overseas members	59

Subscribers June 1 2001 Subscribers as of June 1, 2000

Subscribers	254	Subscribers	273
USA	118		
Canada	13		
Overseas	123		

Delinquent Members

Delinquent members as of 6/1/01 for 2001 dues - 25 full; 22 student; 4 retired

Delinquent members for 2000 dues – 21 full; 26 student; 1 retired

Delinquent subscribers for 2001 as of 6/1/01 - 56

Delinquent subscribers for 2000 - 35

Compared to delinquent members as of June 1, 2000 – 54

Compared to delinquent subscribers as of June 1, 2000 - 47

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

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\$51,100.00. The balance was \$55,498.78 on March 31, 2001 (the date of the last statement). This accounted for a net gain of \$4,398.78. 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 invested on 12/22/00 and \$750 invested on May 14, 2001. The current balance in that account is \$8,757.03, for a total gain of \$457.03. Charts are attached.

Checking Account

The balance in the checking account as of June 1, 2001 is \$13,560.59.

Student Poster Competition Fund History and Status

Initial donations beginning in 1998 were \$4,750, which were invested in a Vanguard 500 Index Fund in November 1998. This fund is separate from our other investment funds. Another \$1,000 was received in September 1999, \$1,050 in June 2000, \$750 in December, and \$750 in May 2001 for a balance of \$ 8,757.03, which includes dividends earned. This is a net gain of \$457.03.

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

There are 22 participants in the 2001 Competition.

Miscellaneous

A Balance Sheet and Income Statement for January-December 2000 is attached, and also one for January-May 2001.

The Directory of Schools has been updated and put on the web. Copies were sent to school representatives and are available by contacting the Executive Office.

The 2000 Annual Meeting Proceedings was printed and mailed to participants. There are copies available for \$10.

The Member Handbook and Membership Directory were mailed to all members.

Our web server is now a secure server, so credit card

numbers can be transmitted safely. There are several online forms that can be accessed and more are being developed.

Final 2002 Budget

Category	Income	Expenses	Net
W&FS	\$110,680	\$ 69,170	\$ 41,510
DUES	\$ 19,550		\$ 19,550
Int. & Dividend	\$ 300		\$ 300
Member Services/ Meeting Expenses/ Travel Expenses	\$ 11,870	\$ 16,500	\$(4,630)
Admin. Expenses		\$ 17,250	\$(17,250)
Salary & Taxes		\$ 24,585	\$(24,585)
<b>TOTAL</b>	<b>\$142,400</b>	<b>\$127,505</b>	<b>\$ 14,895</b>

Auditor's Report – Ben Collins

At your request, I reviewed the SWST bank statements for the period June 1, 2000 through May 31, 2001. 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, 2001 checkbook balance of \$13,560.59 corresponds with the checking balance on the May 31, 2001 balance sheet. The \$64,255.87 total investment in the Vanguard accounts on the balance sheet also matches the total on the most recent Vanguard statements (3/31/01) except for the Index Fund, which was updated on May 14, 2001.

**Committee Reports – additional information**

**Accreditation** – The Board approved the University of Minnesota 5 year report at its meeting yesterday. Letters will go out soon. Oregon State University reaccreditation was held in April and is still in the review process. The committee hopes to have a recommendation by fall.

The committee is in the process of reviewing the standards for accreditation, based on SAF's proposed change to a performance-based system. Tom McLain made a call to members asking for interest in participating on an ad hoc committee to come up with standards.

**Education** – A request was made to members to send their E-mail addresses to the Executive Office for use in mailouts.

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**Policy and Critical Issues** – Policy Statement guidelines are available now. A call was made to members to volunteer to champion a topic and prepare a statement. The current possible topics could be put on the website for members to view.

**Visiting Scientist Program** – More participation is needed.

Old Business

Ramsay Smith thanked Tom McLain, Les Groom and Phil Steele for their work the past few years on the Board. He welcomed the new Board members: Doug Stokke as Vice President, and Rado Gazo and Cynthia West as Directors.

Proposed Changes to Constitution and Bylaws

A motion was made, seconded and passed unanimously to accept the changes as previously advertised. Now it will go out in a letter ballot within 30 days to all voting members of SWST.

**Mission/Vision Statements**

**Proposed SWST Vision Statement:** Be internationally recognized as the leading source for scientific information on wood and wood products and educational programs in wood science and technology.

**Proposed SWST Mission Statement:** To enhance and assure the wise use of wood by developing knowledge distinctive to wood science and technology through quality research and disseminate this knowledge actively and broadly.

Ramsay should check with FPS to see if our Vision statement is too close to theirs. Vicki should send out a mailing to members, showing the proposed Mission/Vision Statements and ask for comment. She can also put on the website. This is not ready for vote yet.

Mike Barnes presented Ramsay with a Past President Plaque.

New Business

Proceedings of the 2002 Annual Meeting will be available soon and will be mailed to all attendees,

Wood Magic Science Fair – Demonstrations will be ongoing from 1:00 to 8:00 p.m. today. It will also remain up and periodically staffed during the rest of the week. The detailed schedule is in the meeting folders.

Meeting adjourned at 12:35 p.m.

1:00-4:00 Joint SWST/Forest Products Society (FPS) Plenary Sessions

*Session 1:* Technological Advances in Assessing Wood Quality (Liberty B)

*Session 2:* Current International Research in Wood Moisture Relations (Liberty A)

*Session 3:* Field Investigative Techniques for Wood Science (International D F)

4:00-5:30 Joint SWST/FPS Technical Forum and Student Posters (International E and Promenade)

6:30-8:00 Joint SWST/FPS Host Reception  
(International A B C)

1:00-8:00 Wood Magic Science Fair (Promenade)

Respectfully Submitted,

VICTORIA L. HERIAN  
Executive Director

## Position Announcements

POSITION ANNOUNCEMENT  
**ASSISTANT/ASSOCIATE PROFESSOR OF  
WOOD CHEMISTRY**  
SCHOOL OF FOREST RESOURCES  
COLLEGE OF AGRICULTURAL SCIENCES  
THE PENNSYLVANIA STATE UNIVERSITY

Position:  
Wood Chemist, (Assistant/Associate Professor, tenure-track)

Starting Date:  
March 1, 2002, or as negotiated

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**Responsibilities:** Research (60%) and resident instruction (40%) in wood chemistry, as part of the wood products program. Teaching will include a basic undergraduate wood chemistry course and specialized wood chemistry course, taught in alternating years, and an annual graduate course in the candidate's area of expertise; advising undergraduate and graduate students and performing other responsibilities in resident instruction shared with all faculty. The research program will be in the general area of wood chemistry, thermal analysis, polymer chemistry, materials science and/or composites. The candidate is expected to perform service to both the university and professional communities.

**Qualifications:**

Ph.D. in wood chemistry or a related area. At least one degree in wood products and experience with the wood-using industry are desirable.

**Application:**

Applicants should submit a letter of application, resume, academic transcripts, and letters from three professional references to Dr. Charles H. Strauss, Interim Director, School of Forest Resources, Penn State, 113A Ferguson Building, University Park, PA 16802; telephone 814-865-4574; fax 814-865-3725; email [chs3@psu.edu](mailto:chs3@psu.edu).

**Closing Date:**

Review of applications will begin on November 15, 2001. Applications are welcome until the position is filled.

**Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce**

POSITION ANNOUNCEMENT  
WOOD PRODUCTS EXTENSION AND RESEARCH  
SCHOOL OF FOREST RESOURCES  
COLLEGE OF AGRICULTURAL SCIENCES  
THE PENNSYLVANIA STATE UNIVERSITY

**Position:**

Wood Products Extension and Research (Assistant Professor, tenure-track)

**Starting Date:**

January 2, 2002, or as negotiated

**Responsibilities:**

Conduct extension education (75%) and applied research (25%) in wood products with emphasis in business and marketing, quality control/quality assurance, or operations research. The individual will be expected to develop and implement a comprehensive extension program that addresses the needs and opportunities of Pennsylvania's wood industries. The program will include organizing and participating in short courses tailored to the wood-using industry and policymakers in the region. The individual will establish close working relationships with the wood products industry in Pennsylvania and the Northern Appalachian hardwood region and is expected to work closely with public agencies and professional/industrial organizations. In addition the individual is expected to develop a regionally recognized applied research program in the candidate's area of expertise.

**Qualifications:**

Ph.D. in wood products or a closely related field. At least one degree in wood products. Practical experience with the wood-using industry is desirable.

**Application:**

Applicants should submit a letter of application, resume, academic transcripts, and letters from three professional references to Dr. Judd H. Michael, Chair, Search Committee, School of Forest

Resources, Penn State, 113w Ferguson Building, University Park, PA 16803; telephone 814-863-2976; fax 814-865-3725; email [jhm104@psu.edu](mailto:jhm104@psu.edu). See our web site at [www.sfr.cas.psu.edu](http://www.sfr.cas.psu.edu) for more information.

Closing Date:

Review of applications begins on September 15, 2001. Applications are welcome until the position is filled.

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**Title: SmartWood Director**  
**Client: The Rainforest Alliance/**  
**SmartWood (<http://www.smartwood.org>)**  
**Location: Richmond, VT**

SmartWood and its forestry certification program were pioneered by the Rainforest Alliance in 1989. The mission of the SmartWood program is to reduce the negative impacts of commercial forestry by awarding its seal of approval to responsible forest managers. SmartWood's regional experts work in tropical, temperate and boreal forests to reduce the environmental damage caused by wood harvesting and to maximize the positive impacts of commercial forestry on local communities. Richard Donovan who has been the Director of SmartWood for the past eight years has been promoted to the position of Chief of Forestry at The Rainforest Alliance. Richard will continue to be involved SmartWood Activities.

The Rainforest Alliance is an international nonprofit organization dedicated to the conservation of tropical forests for the benefit of the global community. Our primary mission is to develop and promote economically viable and socially desirable alternatives to the destruction of this endangered, biologically diverse natural resource. We pursue our mission through education, research in social and natural sciences, and the establishment of cooperative partnerships with businesses, governments and local peoples.

The SmartWood Director is ultimately responsible for the overall sustainability of the SmartWood program, from financial, technical and programmatic perspectives. This includes development and maintenance of a financially viable forestry certification operation, and continuation of SmartWood's historic emphasis on ensuring equity and environmental quality in forest certification. SmartWood's forest and chain of custody certification activity is currently a \$1.5 million business serving 450 certified companies. In addition, SmartWood has a separate division, Trees, that is

devoted to training, research, education, extension and systems development that will ensure equitable access to certification. Trees is supported largely through grants and services provided to other SmartWood divisions on a case by case basis.

**Responsibilities:** Represent overall SmartWood certification business to stakeholders in 30 plus countries around the world and coordinate efforts with a network of SmartWood regional managers and non-profit partnerships in the United States, Latin America, Asia, Oceania Australia/New Zealand/PNG and Europe.

- Increase sales revenue for the SmartWood program from \$1.5 million to \$3 million in year one.
- Financial oversight and reporting of a \$2 million dollar operation, including management of loans and grants.
- Overall capital allocation, business strategy development and implementation.
- Maintain and define SmartWood management and business partnerships in a competitive and multinational certification industry.
- Supervise: Regional (U.S./Canada and International) Division managers who develop and meet business development targets with a team of Regional Managers, one Quality Control/Technical Systems Manager who oversees all certification systems (technical and administrative), one Director of Finance and Administration, and the Trees Division Manager.
- Develop and implement a global strategy for the SmartWood certification program.
- Perform public relations and representation activities on behalf of SmartWood and the Rainforest Alliance
- Oversee development of marketing materials, web site, and advertising materials

**Qualifications:**

- Strong experience in forestry, forest industry or forest-related businesses and demonstrated interest and visibility in the forestry/natural resources industry
  - Business strategy and implementation experience
  - Successfully demonstrated consulting or service management experience (preferably in the forestry/natural resources industry)
  - Successfully demonstrated performance managing business profit and loss responsibly
  - Strong financial skills and experience managing multi million dollar budgets
  - Successfully demonstrated business building experience, MBA or equivalent business management experience (at least 3 years, preferably in environmental/Natural Resources industry)
  - Staff supervisory experience
  - Willing to travel 25% a year
  - Fluency in Spanish, Portuguese or French is not required, but useful
- To Apply, please contact: Ms. Jill Solomon**  
**Global Recruitment Specialists, 91 Oakview Terrace,**  
**Short Hills, NJ 07078 USA**  
**Telefax: 973-379-7325 USA**

**The Rainforest Alliance is an equal opportunity employer  
Research Engineer/Wood Scientist**

The Wood Engineering and Drying Systems Research Work Unit at the USDA Forest Service, Forest Products Laboratory in Madison, Wisconsin is seeking a permanent, full-time research engineer/wood scientist to be responsible for conducting research pertaining to wood drying and wood-moisture interactions. An engineering/forest products/wood science degree is required. Demonstrated research productivity in wood drying or wood-moisture interactions and the preparation of grant proposals and peer reviewed technical publications is essential. U.S. Citizenship required. Salary: GS 12/13 (\$51,927-\$80,279).

Contact: Dr. Robert J. Ross: (608) 231-9221; email: [rjross@fs.fed.us](mailto:rjross@fs.fed.us) for additional information. The complete vacancy announcement is online @ <http://www.usajobs.opm.gov/wfjic/jobs/VC0440.htm> Applications must be received by October 19, 2001

## Conferences and Events

February 4-14, 2002: 53<sup>rd</sup> Annual Lumber and Building Materials Short Course, Department of Wood & Paper Science, University of Minnesota, St. Paul. For more information go to [www.cnr.umn.edu/WPS/exten/exsc.html](http://www.cnr.umn.edu/WPS/exten/exsc.html) or contact Jim Bowyer at (612) 624-4292, or [jbowyer@cnr.umn.edu](mailto:jbowyer@cnr.umn.edu).

## SWST Committees

Just a note of appreciation to the SWST Committees of 2000-2001. Thanks for the great job! We look forward to the efforts of the SWST Committees of 2001-2002.

## Committee Assignments

## ACCREDITATION

Thomas E. McLain, Chair  
Audrey G. Zink-Sharp, Vice Chair  
Bob Rice, Past Chair  
Barry S. Goodell  
James P. Armstrong  
Dan Dolan, (Ex-Officio, Education Chair)  
Stephen J. Smulski (Board Liaison)

## EDUCATION COMMITTEE

Dan Dolan, Chair Francis G. Wagner, Vice Chair  
Mike Barnes, Past Chair  
Simon Ellis, Everett Ellis, Todd Shupe, Barry S. Goodell, Bruce E. Cutter, Douglas D. Stokke  
Perry N. Peralta, Mark D. Gibson  
Jeffrey J. Morrell, Peter Laks  
James P. Armstrong, Poo Chow, Rubin Shmulsky  
Paul Cooper, Pascal D. Kamdem, Robert Govett  
William B. Smith, Frank C. Beall  
Rado Gazo (Board Liaison), John E. Phelps  
Brian Bond, Paul M. Smith, Philip H. Steele

## INTERNATIONAL RELATIONS

Rich Vlosky, Chair  
Cynthia West, Vice Chair  
Howard N. Rosen, Past Chair  
Urs Buehlmann  
Alexander Salenikovich  
Everett Ellis  
Elena Kultikova  
James W. Funck (Board Liaison)

## MARRA AWARD COMMITTEE

### VOLUME 33

Michael J. Richards, Chair  
Don Bender, Vice Chair  
Stan Lebow  
Kurt Bigbee  
Geza Ifju (W&FS)  
**Doug Sokke (Board Liaison)**

### VOLUME 34

Don Bender (Chair)  
Jan K. Wiedenbeck (Vice Chair)  
Alan Preston  
Don DeVisser  
Geza Ifju (W&FS)  
Doug Stokke (Board Liaison)

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Jan K. Wiedenbeck

## MEMBERSHIP

Rich Vlosky, Chair  
 Les Groom, Vice Chair  
 Joe Massey, Past Chair  
 Ben Dawson-Andoh  
 Robert Bush  
 Everett Ellis  
 Sheldon Shi  
 Rado Gazo (Board Liaison)

## NOMINATIONS

Thomas E. McLain, Chair  
 Fred A. Kamke  
 James P. Armstrong

## PAST PRESIDENTS COUNCIL

Ramsay Smith  
 Members: All Past Presidents

## DSA Subcommittee:

Geza Ifju  
 Duane Lyon  
 Fred A. Kamke  
 J. David Barrett  
 Thomas E. McLain

## POLICY AND CRITICAL ISSUES

Judd Michael, Chair  
 Dan Dolan, Vice Chair  
 Ramsay Smith, Past Chair  
 James L. Bowyer  
 Scott Leavengood  
 Cynthia West (Board Liaison)

## PUBLIC LIAISON COMMITTEE

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 John E. Phelps, Vice Chair  
 Howard N. Rosen, Past Chair  
 Dave Patterson  
 Cynthia West (Board Liaison)

## PUBLICATION POLICY

Rado Gazo, Chair  
 Barry S. Goodell, Past Chair  
 Rich Vlosky, Vice Chair  
 Jean Mater  
 Douglas Gardner, (Newsletter Editor)  
 James W. Funck (Board Liaison)

## VISITING SCIENTIST PROGRAM

Tom Hammett, Chair  
 R. C. Tang, Vice Chair  
 Douglas Gardner, Past Chair  
 Hong-Mei Gu  
 Stephen J. Smulski (Board Liaison)  
 Sheldon Shi

The **SWST Newsletter** is published six times a year by the Society of Wood Science and Technology, One Gifford Pinchot Drive, Madison, WI 53705, USA.

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**SWST** is a technical and professional organization for scientists and engineers working in academia,

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

## Society of Wood Science and Technology

President:	H. Michael Barnes
Past President:	Ramsay Smith
President Elect:	Robert W. Rice
Vice President:	Douglas Stokke
Executive Director:	Vicki L. Herian
Directors:	Steve Smulski (2002)
	James W. Funck (2002)
	Cindy West (2003)
	Rado Gazo (2003)

Editor, *Wood and Fiber*

*Science:*

Editorial Assistant:

Newsletter Editor:

Geza Ifju

Carol B. Ovens

Douglas J. Gardner

