

September - October 1996 NEWSLETTER

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Pencil and Paper

September-October 1996 It is hard to believe that I have served as your SWST Newsletter editor for three years. The time has passed quickly, and I have enjoyed the task and the opportunities it has afforded to communicate with many of you in SWST. I have especially enjoyed the privilege of attending the board meetings three times per year. I have benefitted from the interactions with all of the talented and cordial people who have served on the board during this time period. Thanks, one and all, for permitting me to serve you in this capacity Having said that, it is time for me to step aside as newsletter editor and place the duties in the very capable hands of Dr. Bruce Cutter of the University of Missouri-Columbia. Many of you will recall that Bruce served as editor of

Wood and Fiber Science a few years back, so he is certainly no stranger to SWST! Welcome, Bruce - we are looking forward to your infusion of "new blood" into the newsletter! Bruce will begin his service as editor with the November/December 1996 issue. With this progression, I'd also like to add a personal note regarding a transition of my own. Effective October 15, 1996, my duty station with the U.S. Forest Service will change to Ames, Iowa, on the campus of Iowa State University. I am grateful to all those who have made this opportunity possible and I look forward to continuing to serve SWST as one of your new Directors. - D.D.S.

SOCIETY NEWS

Rosen Presents First SWST Affiliate Membership in Russia

Dr. Howard Rosen of the USDA Forest Service Forest Products and Harvesting Research Staff, Washington, D.C., and a Past President of SWST, visited the Moscow State Forest University, Mytischi, Russia, September 1-8, 1996. While there, Dr. Rosen presented the first SWST Affiliate Membership to Professor Valentin Shalaev, Director of the Institute for Forest Systems Research. Affiliate is a new SWST membership category designed to broaden the international scope of SWST and to assist overseas scientists with access to selected SWST services. If you would like to receive a copy of Howard's report (approx. 10 pages) please contact Vicki Herian at the Madison Office.

Board to Meet November 16

The SWST Board will hold its fall meeting on November 16 in San Antonio. Issues for the board to consider should be forwarded to Vicki Herian.

SWST Included in Gifting Plan

Dr. Peter Koch and his wife, Doris, have established a substantial endowment fund and provisions in their will which will provide funds to ensure the continued financial health of the Forest Products Society (FPS). The goal of the Koch's plan is to produce a total net asset value of 1 billion dollars by the year 2047. SWST is named as a partner in an oversight committee charged with carrying out Peter and Doris' wishes. SWST will receive five percent of the net annual income stream generated by the endowment fund subsequent to 2047. SWST is fortunate and grateful indeed to be included in this most generous and ambitious plan.

CALL FOR PROPOSALS

Proposals for grants of up to \$2,000 for the SWST International Professional Visitation program are due January 15, 1997. Contact Vicki for proposal guidelines.

Ex Officio Board Assignments Named

Mike Wolcott: Accreditation, Constitution & Bylaws, International Relations

Sue Willits: Education, Public Liaison

Fran Wagner: Book Review, Critical Issues, Publication Policy

Doug Stokke: Membership, Visiting Scientist Program

Fred Kamke: Membership Committee

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. Phone 608-231-9347, FAX 608-231-9592 e-mail vicki@aldo.fpl.wisc.edu. Web: http://wwwlfpl.forestry.lsu.edu/swst 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 our incoming newsletter editor, Bruce Cutter, University of Missouri, Agriculture Building 1-30, Columbia, MO 65211-0001. Phone 573-882-2744, fax 573-882-1977, email snrbruce@muccmail.missouri.edu

Society of Wood Science and Technology

President: Duane Lyon Past President: Geza Ifju President Elect: Fred Kamke Vice President: J. David Barrett Executive Director: Vicki L. Herian

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Editor, Wood and Fiber Science: Robert L. Youngs

Editorial Assistant: Carol B. Ovens

Newsletter Editor (thru 10/96): Douglas D. Stokke Newsletter Editor (effective 11/96): Bruce Cutter

Editor's Note: Minutes of the 1996 Annual Business Meeting were published in the July/August Newsletter. Following are notes of interest from the June SWST Board Meetings. These minutes have been edited for space considerations. If you would like to see the complete minutes, please contact Vicki.

1996 SWST Saturday Board Meeting Minutes - June 22, 1996, Minneapolis, Minnesota

The meeting was called to order at 9:00 am by President Geza Ifju. Board members present were Mike Wolcott, Bob Youngs, Barry Goodell, Mike Hoag, Fred Kamke, Howard Rosen, Duane Lyon, Doug Stokke, Sue Willits, and Vicki Herian.

1996 Annual Meeting

This year's Annual meeting is entitled "Current Trends and Critical Issues Affecting the Forest Products Industry". The speakers are: Gilbert Comstock, Richard Vlosky, Eric Blackledge, and J. David Barrett. Duane had hoped to have 1-page abstracts from all speakers but thus far had only received two. He will get the rest and publish either as part of the Newsletter or as a separate handout. This will be mailed to all attendees. No other proceedings are planned.

Student Poster Competition

There are 13 students participating in the competition this year. Posters will be judged at 8:00 a.m. on Sunday. Poster boards will be in place in the ballroom by 7:00 a.m. Judges this year will be: Doug Stokke, Howard Rosen, Sue Willits, and Bill Boehner. Each judge will be identified by a purple ribbon on their nametag. Each student participating in the competition will receive a Certificate of Participation . The first place winner will be awarded a blue ribbon and \$100, the second place winner a red ribbon and \$50. The competition winners and the participants will be recognized at the Awards ceremony from 10:45 to 11:45 on Sunday. It was not clear in the FPS material that was mailed to students that they could participate in this competition and also display at another poster session during the week. This needs to be clarified for next year. This information needs to go out in the December mailing where FPS requests for Technical Forum participation.

1997 Annual Meeting

Fred Kamke presented three possible topics for the 1997 Meeting. They are: 1) Education in Wood Science and Technology; 2) Durability of Wood-Based Products; and 3) The Search for Research in Wood Science and Technology. The Board decided they liked No. 1, but changed the title to "Distance Learning and Technology transfer in Wood Science and Technology". Fred welcomes any suggestions for speaker names. He will have a rough draft at the Fall Board Meeting. Vicki should check with Marilyn Carien from Madison, regarding the possibility of speaking on distance learning. There are several 1997 Annual Meeting Planning Sessions for FPS during this week. Fred should try to attend these meetings to coordinate and contribute to next year s planning. Vicki will ask Art Brauner if we can make it a standard practice to include SWST s President-Elect at these meetings.

Executive Director s Report and 1997 Budget

The Membership Committee should be charged next year with finding a way to convert students to full members. This still seems to be a big problem. The other obvious change in numbers is in the drop of overseas subscribers. This should be looked at in

further detail. Membership as of June 1, 1996 was 447. Subscribers numbered 302. Our money market fund balance was \$55,651.43. Checking balance was \$25,883.91. The proposed 1997 budget to be presented at the Annual Business Meeting was reviewed.

Miscellaneous

There were 119 ballots for the Constitution and Bylaws changes on membership and elections returned to the Executive Office - 115 yes and 4 no. Some of the comments were: "30 days was still too short a time, 45 would be better." One person was concerned about "voting" membership. They weren't sure what voting member was and who could vote. If it meant that any other but student couldn't vote, then they voted negative on the ballot.

Louisiana State University has finished work on our SWST home page for the world wide web. The Board Members have briefly reviewed it and suggested changes. We will be establishing a committee to work on all aspects of our home page. The url is http://wwwlfpl.forestry.lsu.edu/swst/

I have purchased a modem and a software package called WiscWorld for our SWST computer (It runs through the University of Wisconsin). This provides us with a dial-up service to a slip on the University computer for Internet access.

I have set up an account with our bank to allow our members to use credit cards (VISA only) to pay for membership dues and registration fees. There will be a \$5.00 additional cost added to each use of a credit card. The Board voted to implement this on a trial basis for 2 years. It will be available for your 1997 dues payment.

The Executive Office has received approximately 260 request for information on careers since January 1996. This year I have noticed a considerable number from Canadian schools, which I am attributing to an announcement in their career index info. I have had the career brochure reprinted and now have plenty on hand.

The Directory of Schools has been updated and is being reprinted. I f you would like a copy, please contact me (Vicki).

The George Marra Award Guidelines have been changed to allow a committee member to have a paper considered for an award. The member must abstain from voting on their paper.

The guidelines for the International Professional Visiting Scientist Award have been changed also. Proposals are now due by January 15 of each year.

The Board voted at our Spring Meeting to discontinue our support of 4-H. The National 4-H Council will no longer have the scholarship program that we participated in, and our Board decided theat their new direction did not fit our needs. We had a \$3,000.00 credit which I had returned to us. We will be investigating alternative ways to reach youth.

Teller s Report

This year s winners are: Vice President - J. David Barrett, Directors - Doug Stokke and Fran Wagner. It would be very beneficial to the new Board members if they participated in the Saturday Board meeting. Vicki should prepare some guidelines for the Nominating Committee Chair next year so that this information, and any other specific directions can be passed on.

Auditor's Report by Barbara Wolfe was accepted.

Accreditation

The University of Minnesota Accreditation visit took place May 508, 1996. The SWST team members were Terry Sellers and Tim Faust. A letter has been sent to the President, asking for his response by August 1996. After that, the Accreditation Committee can meet and make a recommendation to the Board. They should be able to do this by the Fall Board meeting. There do not appear to be any problems with this visit.

The University of Idaho Accreditation visit took place in November 1995. Two of the three programs were accredited. The Timber harvesting option provided some problems with interpretation of the standards, so the Accreditation Committee was asked to make recommendations for changes. There was not a consensus on the committee so they passed it back to the Board. Vicki will make copies of the old standards and the new standards and the Board will discuss on Monday morning.

International Relations Committee

The announcement regarding changes in the Constitution and Bylaws was sent out with the 1996 ballots. These changes will be voted on at the Annual Meeting and then a formal letter ballot will be send out. This has to do with adding an affiliate membership category. Howard would like to present the first affiliate membership to Valentin Shalaev in Russia in September. He

would also like to present him with a plaque commemorating the first award of this type, take pictures and get some publicity. Vicki will prepare a wooden plaque with a certificate mounted on top under plastic.

A motion was made, seconded and passed to modify the motion from our Spring Meeting of allocating \$1500 to allocating \$500 to this committee. They would use this money to send the journal to specific institutions, to pay for the cost of membership (only the Newsletter) to new affiliate members, to advertise this new membership category. One good place to advertise will be in the IUFRO Newsletter. Howard will write an article to be submitted to them.

IUFRO Meeting

The Division 5 IUFRO Meeting will be held July 7-12, 1997, in Pullman, Washington. This is 2 weeks after the FPS Meeting in Vancouver, BC. There will also be an IAWS Meeting in between these two meetings. The current promotional brochure that is out needs to be adjusted to include SWST as an organization listed under In Cooperation With . Mike Wolcott will be sure this is done. IUFRO has a WWW page now and we should link to that on our SWST home page. Vicki should get that from Mike Wolcott. Critical Issues Committee They are still working on the draft of the white paper on Environmental Implications of Forest Products Use. Howard will have a final copy for the Board's review by the Fall Board Meeting. Howard is also interested in preparing a 1-page brochure on Sustainable Forestry and Wood Science . This committee will work on that next year.

George Marra Award

The Guidelines have been changed to allow a committee member to have a paper for consideration. That member must abstain from voting on that paper. This change was suggested by the committee this year.

Constitution and Bylaws Committee

The Committee should prepare a marked-up copy of a new Constitution and Bylaws for the Board's review by the Fall Board Meeting. They will need to incorporate all changes that have been made over the past few years. Vicki will get together all of the information they need.

Visiting Scientist Program

\$1800 of the budgeted \$3000 was spent this year. Barry Goodell s trip report was in the Newsletter and Bob Tichy s will be in the next one. Barry would like to be on the mail-out list for the Visiting Scientist Program. The Committee should be charged this year with updating both the mail-out list and the list of Participants. Doug Gardner would be a good person as Vice-Chair this year. There were no International Visiting Scientist Awards presented this year. We had one application, but it did not meet the guidelines. Phil Steele should respond back to the applicant. Vicki should change the guidelines to move the last sentence under Guidelines to Qualifications. Also, bullet the items under Guidelines. Announcements should be made starting in the July-August Newsletter about this program. The due date for proposals has been changed to January 15.

Public Liaison Committee

Fred Kamke proposed the following reorganization of the 4-H Wood Science Committee to the Public Liaison Committee. Responsibilities:

- 1. Maintain lines of communication with cooperating organizations. At least one committee member or designee is to act as the contact person for each organization (including, but not limited to):
 - 4-H, Future Farmers of America (FFA)
 - International Woodworking Fair (IWF)
 - Renewable Natural Resources Foundation (RNRF)
 - Coalition for Education about Environment, Food, Agriculture, and Renewable Resources (CEEFAR)
 - Council for Agricultural Science and Technology (CAST)
 - Board on Agriculture (BOA);
- 2. Inform SWST members of relevant meetings and events sponsored by cooperating organizations;
- 3. Promote public awareness of wood science, including support for youth programs;
- 4. Prepare and update (as needed) SWST promotional display materials. Suggested Special Charges:
 - Review the structure and purpose of this committee
 - Prepare a brief 35mm slide set (3 or 4 slides) describing SWST and its mission
 - Prepare a portable poster presentation aimed at a professional audience
 - Prepare a portable poster presentation aimed at youth.

A motion was made, seconded and passed to allocate \$3000 to this committee - \$2000 for travel and membership and \$1000 to prepare two portable posters. The committee should get cost estimates and layout ideas to the Board by the Fall Meeting. One

poster would be used for students and the other for professional use. The poster for professional use should be available for use at the next Annual Meeting. Our current poster display is becoming out-of-date.

RNRF Leadership Summit

There is a meeting in October in Washington that Howard will attend. He has agreed to stay on the RNRF Board if we would like.

WWW Home Page

Vicki should check with Meg Hamel on the cost to update and maintain our current page. The question still remains as to where the page should be - at FPL in Madison or at LSU where it currently resides, or elsewhere. Who should update it, who should maintain it? Vicki should also check to see if it is possible to move it to the FPL computer. The Publication Policy committee should oversee the home page in the future. \$500 was budgeted for 1997 for use on the Home Page.

National Geographic Article

Bob Youngs will put together a proposal with colored pictures to submit to John Mitchell at National Geographic Society. Doug should put an article in the Newsletter asking for members to submit any pictures to Bob Youngs, and also asking if anyone has a contact that would help get this article accepted.

Wood and Fiber Science

Bob should have a note in the Journal that says Comments are Welcome . He would like to print Letters to the Editor and Responses to Letters to the Editor.

Newsletter Editor

Doug is looking for a replacement. He has been editor for 3 years and feels that it s time for a change. The Board should scout out some prospects.

Peter Koch Endowment

Vicki should prepare an article for the Newsletter regarding SWST s participation in this Endowment Fund. She will be signing the official documents on Monday.

Career/Employment Survey

Fred Kamke brought up the idea of conducting a survey of recent SWST graduates to track employment, salaries, demographic info, etc. This would be a charge to the Membership Committee. Duane thought it was possible to get some grant money to do a more extensive money, but this will have to be checked into. The Board would also like to have a survey from our membership regarding services offered or not offered by the Society. This could possibly be done in conjunction with the dues notices. This will be passed on the Membership Committee also.

Loss of Subscribers

This topic should be discussed further on Monday. Perhaps the Membership Committee can pursue.

A motion was made, seconded and passed to adjourn at 3:00 p.m.

Monday Board Meeting - June 24, 1996, Minneapolis, Minnesota

The meeting was called to order at 7 am by President Duane Lyon. (Board) Members present were Mike Wolcott, Fran Wagner, Dave Barrett, Bob Youngs, Doug Stokke, Sue Willits, Fred Kamke, and Vicki Herian. Others present were Barry Goodell, Howard Rosen, and Mike Hoag. Absent was Geza Ifju. Committee Assignments, Board Ex Officio Assignments, Membership Committee issues, Student Poster Competition follow up, Accreditation, and Miscellaneous items were discussed. Contact Vicki for details.

Last time, we took a cursory look at some of the ins-and-outs of sending and/or receiving files by email (i.e., "attachments" to email messages). The bottom line is that generally speaking, you can indeed do it without too much difficulty (famous last words?). But like most everything else these days, even if you are successful at this much of the time, some perils potentially await. This was pointed out to me by reader Tom Skaggs of APA-The Engineered Wood Association. Tom suggested that we all should remember that "although standard e-mail messages cannot carry computer viruses, e-mail attachments can." Tom went on to explain that he has seen several articles on "Microscoft Word viruses and Microscoft EXCEL macro viruses...from what I read, the Word virus can be nasty. It infects your machine when an infected Word file is open, then proceeds to infect every document



Connections

that is loaded after the machine has been infected"...BUT, "you can combat these viruses by obtaining a scanning program that checks word processor files (email attachments). Another technique is to avoid opening unsolicited email attachments."

Thanks, Tom for the tips. It certainly pays to be a bit wary, as that can save you some grief in the long run. I personally have developed a habit of scanning any disks that I get from other people or any files that I download with a virus checker. I've been using a freebie called F-PROT; I'm sure there are plenty of others around that will do the job. The main thing is to keep your version up-to-date, as numerous new viruses appear each month, so I am told. So if you are happily scanning away with the virus checker program that came bundled with the computer that you bought two years ago, you may be in for a nasty surprise one of these days.

Well, I guess that about does it for the last of these "Connections" columns (unless, of course, our new editor, Bruce Cutter, decides to continue this illustrious {??} tradition). If nothing else, I've learned a few things, or at least reinforced them by writing them down. And, I would be remiss if I did not thank our erstwhile contributors such as Greg Foliente and readers like Tom who provided useful feedback.

It is funny how technology can change the way you do things. When I first started working at Michigan Technological University in 1986, I didn't have a PC and I recall typing up some exams and a proposal on a typewriter! Shortly thereafter, such an occurrence seemed preposterous (thanks to the efforts of Steve Shaler to at least get me marginally up to speed on a PC). Today, I'm operating in a "virtual" office environment in which electronic communications are essential - I can't imagine how I'd function without this capability. Now if I can just figure out how to use my magic decoder ring... - D.D.S.



Coming Events

Wood-Frame Design in High Wind Zones--Continuing Education Credit. November 18-19, 1996, Blacksburg, VA.

The appropriate wind engineering for conventional wood-frame is becoming more and more of an issue in the design community. To help designers and builders get practical solutions to the complex subject of wind engineering, Design of Wood-Frame Buildings for High Wind Loading will be offered November 18-19, 1996 at Virginia Tech in Blacksburg, VA. The course begins at 1:00 p.m. on Monday, and it ends at 12-noon on Tuesday. The focus of the course is the new Wood frame Construction Manual (WFCM): 1995 SBC High Wind Edition. High winds in this manual are considered to be 90, 100, 110, and 120 mph. The instructors will demonstrate how

to efficiently (in terms of your time) design a 1, 2, or 3-story building having an irregular shaped plan view. Continuing education certificates will be awarded. For conference registration (540)231-5182; for specifics on course content, call Dr. Frank E. Woeste at 540-231-6093, or email at FWOESTE@VT.EDU.

IUFRO All Division 5 Conference: Forest Products for Sustainable Forestry, July 7-12, 1997, Pullman, Washington, USA.

You are invited to attend and participate in the 1997 International Union of Forestry Research Organizations (IUFRO) All Division 5 Conference, Forest Products for Sustainable Forestry. This conference is designed to bring together researchers in forest products and related fields from around the world. Discussion will embrace progress and needs in research to meet the rapidly increasing demands for forest products of all kinds, while maintaining the forest as the source of such products and resource for social, economic, and environmental benefits.

The event is sponsored by IUFRO and Washington State University, in cooperation with the International Academy of Wood Science, the International Forest Products Society, and the Forest Service, U.S. Department of Agriculture. Conference management is provided by WSU Conferences and Institutes. For Further Information, contact: Conferences & Institutes, P.O. Box 645222, Washington State University, Pullman, WA 99164-5222 USA. Phone 509-335-3530. Fax 509-335-0945, email wsuconf@wsu.edu.

Second International Wood Biotechnology Symposium (IWBS), March 10-12, 1997, Canberra, Australia

The focus of the IWBS is "biotechnology relating to the growth of trees:. Themes are advances in biotech techniques, application of biotech to wood, and regulation of wood biotech. For more information, contact: Mr. Allan Jamieson, P.O. Box 63, Ridgley, Tasmania 7321, Australia. Fax 61-(0)04-343400, email Allan_G_Jamieson@notes.north.com.au



LRFD for Wood Announced

The AF&PA Manual of Wood Construction: Load & Resistance Factor Design (LRFD) was targeted for release during the second quarter of 1996. The Manual is packaged with Supplements, Guidelines, and the recently approved ASCE 16-95 Standard which serves as the basis for wood structures designed by the LRFD methodology.

Information Please

The Manual represents a major accomplishment, bringing together all required elements for the structural design of wood structures into one comprehensive package. The package includes design information and examples for connections, structural lumber, I-joists, metal plate connected wood trusses, glued laminated timber, structural composite lumber, structural use panels, and timber poles and piles.

For further information, contact: American Forest & Paper Association American Wood Council, Technical Publications P.O. Box 5364 Madison, WI 53705-5364

Video Taped Highlights of the 2nd Annual Pacific Rim-World Wood Products Marketing Conference

Over 250 delegates from 15 countries worldwide attended this conference which was held March 31-April 2, 1996, in Vancouver, B.C. Canada. Through these tapes, those who were unable to attend can benefit from the important material presented by an outstanding panel of speakers. For further information, contact: Wildman Associated Inc., Suite 700, 555 West Hastings Street, Vancouver, B.C. Canada V6B 4N5. Phone 604-443-5087, fax 800-663-1554 (U.S. and Canada) or 604-443-5097 (other countries).

The Future of the Colleges of Agriculture in the Land Grant University System. A Study from the Board on Agriculture, National Research Council-National Academy of Sciences.

The National Research Council (NRC) is in the final stage of a 3-year study to evaluate the mission of the colleges of agriculture-teaching, research, and extension--and delivery of services to the U.S. agricultural system and its clientele. The first report of the study, Colleges of Agriculture at the Land Grant Universities: A Profile, was released in September 1995. The final report with policy recommendations was slated for completion in mid-1996. The Board on Agriculture believes that this study, conducted by a 21-member committee of experts, can assess and recommend innovation that can enhance the system's colleges of agriculture, their leadership, and their continued contribution to society.

Report release schedules are subject to change. For updates and information, please contact Carla Carlson, Assistant Executive Director, Board on Agriculture, at 202-334-3062, or email ccarlson@nas.edu. For more information about the National Academy of Sciences, see http://www.nas.edu.



Positions Available

Assistant Professor, Wood Science - West Virginia University The position is Assistant Professor of Wood Science in the Division of Forestry, College of Agriculture and Forestry, West Virginia University. It is a nine month, tenure track position. The initial salary shall be commensurate with qualifications and experience. Summer Salary may be available initially in order to establish a research program contingent upon availability of Funds.

Responsibilities include 1) teaching undergraduate courses in primary and secondary processing of solid wood products and a graduate course in his or her area of expertise, 2) planning and developing support for a research program on primary and secondary solid wood products from Appalachian hardwoods, and 3) service activities related to the Division of Forestry's teaching and research programs. The Wood Industries program has been named a "Program of Excellence" by the University System of West Virginia Board of Trustees.

Qualifications: An earned doctorate with a least one degree in wood science. Expertise in solid wood products processing preferred. Demonstrated ability to communicate with students, industry, the general public, and other scientists is essential.

Location: West Virginia University's main campus is located in Morgantown, a small city of 45 000 in the Appalachian Mountains on West Virginia's northern border adjacent to Pennsylvania. Morgantown was rated fifth in the eastern region of United States among the best cities in which to live in "The Rating Guide to Life in America's Small Cities", 1990 edition. West Virginia University is the state's major research, doctoral degree-granting, land-grant institution. It serves over 22 000 students in 175 degree programs offered by one of the 14 academic schools and colleges.

Application: Qualified applicants should submit an application letter, a detailed resume of his/her education, experience and qualifications, college transcripts, and three letters of recommendation. Please include names, addresses, and telephone numbers of professional references. All correspondence should be sent to and inquiries directed to: Dr. James P. Armstrong, Interim Director; Division of Forestry; P.O. Box 6125; Morgantown, West Virginia. 26505-6125 Phone: (304)-293-2941; Fax: (304)-293-2441 Applications will be accepted until October 15, 1996 or until the position is filled. Anticipated starting date is January 01, 1997. West Virginia is committed to widening its faculty diversity. Women and minority applicants are encouraged to apply. An equal Opportunity/Affirmative Action Employer

Wood Science Instructor - Oklahoma State University The Department of Forestry, Oklahoma State University, Stillwater, Oklahoma, is seeking an individual (MS, Ph.D. or very experienced B.S.) to teach a traditional introductory wood identification and anatomy course and a second course in the wood products area for the Spring Semester 1997. The topical area for the second

course would be negotiable depending on the individuals interests and the Department's need for wood products instruction for undergraduate forest management students. This would be a one-semester short-term assignment. Contact Dr. Ed Miller for information at: Telephone: 405-744-5284; e-mail:forelm@okway.okstate.edu. Oklahoma State University is an equal opportunity employer.

VIRGINIA TECH and PENN STATE announce the availability of GRADUATE FELLOWSHIPS to study the MARKETING of FOREST PRODUCTS. Graduate fellowships are available for students wishing to pursue a Ph.D. with emphasis on the Marketing of Forest Products. Fellowships provide students with a stipend (\$17,000 per year plus tuition waivers) and the opportunity to participate in a unique inter-university program. Candidates with an interest in forest products marketing, regardless of educational background are encouraged to apply. Fellowship awards will be based on academic achievement and potential to excel in graduate studies. U.S. citizenship is required. To request mor information contact: Ms. Janne Buckner, Secretary-Senior, Center for Forest Products Marketing, Department of Wood Science and Forest Products, Virginia Polytechnic Institute and State University, 1650 Ramble Road, Blacksburg, VA 24061-0503 (phone 540-231-5876, fax 540-231-8868, email ctrfpmjo@vt.edu) OR Dr. Paul M. Smith, Associate Professor, Forest Products Marketing, School of Forest Resources, The Pennsylvania State University, 308 Forest Resources Laboratory, University Park, PA 16802-4705 (phone 814-865-8841, fax 814-863-7193, email pms6@psuvm.psu.edu). The universities are equal opportunity employers.

A Fireside Verse Beechwood fires are bright and clear If the logs are kept a year. Chestnut's only good, they say, If for long it's laid away. Birch and fir logs burn too fast, Blaze up bright and do not last. Elmwood burns like churchyard mould; E'en the very flames are cold. Poplar gives a bitter smoke, Fills your eyes and makes you choke. Applewood will scent your room, with an incense like perfume. Oak and Maple, if dry and old, Keep away the winter cold. But Ash wood wet or Ash wood dry, A king shall warm his slippers by. - Anon.

1996-1997 Officers

PRESIDENT

Duane Lyon Mississippi State University Forest Products Lab. P.O. Drawer 9820 Mississippi State, MS 39762-9820 (601) 325-3094 FAX 601-325-8126 lyon@fpl.msstate.edu

PRESIDENT-ELECT

Fred A. Kamke VPI & SU Brooks Forest Products Center 1650 Ramble Road Blacksburg, VA 24061-0503 (540) 231-7100 FAX 540-231-8868 kamkefa@vt.edu

VICE PRESIDENT

J. David Barrett Univ. of British Columbia 2357 Main Mall Faculty of Forestry Vancouver, BC CANADA V6T 1W5 (604) 822-5852 FAX 604-822-8154 dbarrett@unixg.ubc.ca

EXECUTIVE DIRECTOR

Vicki L. Herian Society of Wood Science & Technology One Gifford Pinchot Drive Madison, WI 53705 (608) 231-9347 FAX 608-231-9592 vicki@swst.org

IMMEDIATE PAST PRESIDENT

Geza Ifju VPI & SU Dept. of Wood Science and Forest Products 210 Cheatham Hall Blacksburg, VA 24061-0323 (540) 231-8853 FAX 540-231-8176 ifju@vt.edu

EDITOR OF WOOD AND FIBER SCIENCE

Robert L. Youngs Brooks Forest Products Center Department of Wood Science & Forest Products Virginia Tech. Blacksburg, VA 24061-0503 (540) 231-7673 FAX 540-231-8868 ryoungs@vt.edu

DIRECTORS

Michael P. Wolcott Washington State University Wood Materials & Engineering Lab. Pullman, WA 99164-1806 (509) 335-6392 FAX 509-335-5077 wolcott@wsu.edu

Susan A. Willits
USDA Forest Service
Pacific Northwest Experiment Station
1221 SW Yamhill, Suite 200
Portland, OR 97208-3890
(503) 326-4266 FAX 503-326-5880
/s=s.willits/ou1=S26L07A@mhs-fswa.attmail.com

Douglas D. Stokke USDA Forest Service, NEFES Iowa State University Department of Forestry 251 Bessey Hall Ames, IA 50011-1021 (515) 294-2115 FAX 515-294-2995 dstokke@iastate.edu

Francis G. Wagner University of Idaho Dept. of Forest Products Moscow, ID 83843 (208) 885-6126 FAX 208-885-6226 fwagner@novell.uidaho.edu

NEWSLETTER EDITOR

Bruce E. Cutter University of Missouri 1-30 Agriculture Building Columbia, MO 65211 (573) 882-2744 FAX 573-882-1977 snrbruce@muccmail.missouri.edu

EDITORIAL ASSISTANT

Carol Ovens 10706 Lakeside Avenue, NE. Seattle, WA 98125 (206) 365-3178 FAX 206-365-1150

ALLEN PRESS

P.O. Box 621 Lawrence, KS 66044 (913-843-1234)(800-627-0629)FAX 913-843-1244

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For further information, please contact Vicki Herian at vicki@swst.org