

SWST Newsletter

May-June 2003

SOCIETY OF WOOD
SCIENCE AND
TECHNOLOGY

SWST

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Editor's Note

Dear Readers:

Summer is almost here! I am looking forward to a little R&R, but with active research projects "little" is the operative word. The weather is much improved in Maine, with the end of the long, cold, rainy, spring. Now we have black flies to contend with:)

My middle son, Ryan is now joining his older brother, Charlie in cub scouts and other extracurricular activities, so by default, I am becoming busier and busier. Therefore, I have decided to step down as Editor of the Newsletter effective once a replacement is identified. See the request for Newsletter Editor in this issue.

See you in Bellevue.

Respectfully submitted,

Doug Gardner



News

THE DECLINE AND FALL OF THE CALIFORNIA FOREST PRODUCTS LABORATORY

The Lab was established through several events stemming out of WWII, when everyone scrambled to learn the properties of wood for the war effort. It was initiated in 1943 through the California Assembly Concurrent Resolution No. 62, relative to requesting the university of California to establish and equip a forest products laboratory. Almost twenty years later, the money was appropriated for building and equipping the laboratory. Between 1953-55, it was constructed on the Richmond Field Station, about 6 mi from the campus.

In the period from 1955-1980, a Technical Advisory Council became an important group for advice, funding (and protection). New buildings and staff were added. Fred Dickinson was the first Director (1955-1980), followed by Don Arganbright (1980-1987), and Frank Beall (1988-2003). Originally, the staff were "agronomists" (only people in agriculture could come up with this label for all researchers), but over time were redefined as faculty, and two CE Specialists added (1962 and 1979). There were 8 faculty positions in 1987.

The development of the Graduate Group in Wood Science and Technology followed faculty appointments with the MS being approved in 1956 and PhD in 1964. For the unwashed, a graduate group in UC is an interdisciplinary program directly under the administration of the Graduate Division. To date, about 140 graduate degrees have been awarded. An undergraduate program (Wood Utilization, renamed Forest Products), was a major in Forestry, but taught exclusively by FPL faculty. By 1987, the enrollment had dropped below an acceptable level (I think there was one student). Little did we know that this was the first shoe dropped!

Beginning in 1987, the previous major decline in the California budget, the Laboratory lost 5 faculty to a variety of causes, largely early retirement, leaving 3 faculty, including the director. Additionally, there were 7 other positions lost, most to early retirement. In 1989, CNR began a long process to develop an academic plan that took several years to complete, and in the process essentially emaciated professional programs. During this period, faculty appointments at the Laboratory were frozen. In 1991-92 an ad hoc review was conducted of FPL, which was generally favorable, however, this review was

in turn reviewed by three campus committees with mixed, but generally unfavorable results. The final action on the review recommended transfer to the Division of Agriculture and Natural Resources as a statewide unit (among about twenty-some others). In 1995, the laboratory was placed under administration of DANR, with an MOU developed for continued operation at the Richmond Field Station. This transfer occurred after a sustained period of negotiations, each meeting resulting in more flesh (\$) held by CNR

Because FPL was no longer defined as an "academic unit," we could not have Extension Specialists under administration of the Lab. However, under DANR, there were Extension Advisors assigned to counties, and we managed to (with much discussion and conniving) get permission to eventually have Advisors in the Lab. After all, we were transferred from the campus with the admonishment of conducting a research-based extension program. By 2000, we had established three CE Advisor positions, two that we funded. After limping along with three faculty, we lost one to the main campus to pursue non-wood ventures, and in 2002, the second retired. Despite attempts to retain the position and expanding its scope, the replacement was not recommended by CNR. This left only one active faculty member (Beall) in the wood science area. There had been some hope that the Lab could be sustained by a replacement of the director (who then would become a full-time faculty member), but apparently, CNR was unwilling to commit to the FTE in tight times. We had assumed that we needed the absolute minimum of two faculty to share the research and teaching responsibilities, and act as the core faculty for the graduate program.

There were a few highlights between 1988 and 2000. After a number of years of solicitation of funds, the Dickinson Chair in Wood Science and Technology was brought to conclusion in reaching the minimum endowment level in 1993. And, in 1999, through a class action settlement agreement, L-P contributed \$1,500,000 to FPL to address issues on OSB as a sheathing material.

In early March 2003, the Laboratory was abruptly transferred back to the College of Natural Resources at UC Berkeley. In early April, the Dean of CNR notified us of his decision to close the Lab by the end of the fiscal year, citing "difficult budget times," and indicating that the site would continue to be administered by CNR. The three Advisors, still under DANR, would retain their offices at the Lab, as would several others, including Beall.

(Continued from page 2)

Now, with the closure of the Lab, California no longer has a higher education program in wood science. It seems rather incredible that the state with the highest per-capita consumption of forest products would not have such a program. A related factoid—California has about \$100 billion of wood in residential housing, and if you look at all uses, it runs up to about \$0.25 trillion in total forest products assets. Maybe the legislators were much smarter 60 years ago!

Frank Beall

RNRF Spring Meeting Focuses on the Broad Issue of Trends and Issues in Conservation

I attended this half-day meeting at the Bank of America Building near the White House in Washington, D.C. An impressive lineup of speakers included Mark Van Putten, President of the National Wildlife Society; Jeffrey Zinn, Senior Analyst from the Congressional Research Service; and Lester Brown, President of the Earth Policy Institute and founder and former President for 26 years of World Watch.

The main points of the talks and discussion were that 1) natural resource professionals make the best decisions if these decisions are based on the best science available, 2) our ability to accomplish research in renewable natural resources is being eroded by loss of scientists and programs, and 3) the reduction of greenhouse gases from the atmosphere is critical to the sustainability of earth and very little is being done in the United States to tackle this problem.

Howard Rosen, SWST RNRF Board Member

The International Union of Forest Research Organizations (IUFRO) All Division 5 Forest Products conference was held in Rotorua, New Zealand from March 11-15, 2003. Over 230 delegates from 26 countries representing forest growers, processors, marketers and researchers attended the conference. Conference delegates came from Africa, North and South America, Europe, Asia and the Pacific. The conference theme was "Providing Sustainable Choices" regarding resource quality, processing and end-use applications for forest products. Presentations and discussions covered the range wood and non-wood products, including reconstituted products.

The conference provided opportunities to:

- Foster collaboration between researchers at an international level along with developing partnerships between researchers to ensure research relevance and application of results;
- Explore opportunities for minimizing the environmental

impact and the sustainable production and use of quality wood products;

- Review emerging technologies which are creating these opportunities;
- Discuss how research can advance these technologies and opportunities.

The attendees were treated to an official welcoming by the Maori, the native people of New Zealand; excellent accommodations and scenery in and around Rotorua; excellent technical tours; and the financial and technical support of Forest Research.



Conference Organizing Committee and Vice President (VP) of IUFRO (Left to right): *Bernie Dawson (New Zealand), Paul Fung (Australia), Don Lee (VP-Korea), Mahabala Bhat (India), Howard Rosen (USA), Brigitte Cabantous (France), Cathy Wang (China-Taipei), Bob Youngs (USA)*

Goergen to Lead Society of American Foresters

Michael T. Goergen Jr. has been appointed executive vice-president and chief executive officer of the Society of American Foresters (SAF). Goergen had been holding the position on an interim status since his predecessor, William H. Banzhaf, departed on December 31.

"Michael brings a wealth of talent and institutional knowledge to the position," says SAF president Jason N. Kutack. "He was unanimously endorsed by the search committee and the SAF Council. I'm sure Michael will continue to move the organization forward."

The executive vice-president serves as SAF's chief executive officer, responsible to the SAF Council, the organization's governing body. The EVP directs the staff, programs, and activities of the Society in accordance with the strategic plan and within the operating policies established by the Council. The

Society of American Foresters represents the profession of forestry through accreditation of university forestry curricula, certification of forestry professionals, continuing education, positions on forest policy, public communications, member leadership development, and the publication of five peer-reviewed scientific journals and one newspaper. The organization has 17,000 members, 33 state or multi-state societies, and 250 local chapters. SAF has 28 national working groups representing the various disciplines within the profession, such as ecology, wildlife management, economics, and policy. SAF also has 10 standing committees to assist in carrying out volunteer activities.

"I'm very honored to be chosen for this position," says Goergen. "In many ways, my selection reflects the good work of the national office staff, the mentorship I received from my predecessor, and the knowledge I have gained from SAF members. I look forward to addressing some of the challenges facing SAF and the forestry profession."

Before serving SAF as its interim executive vice-president and CEO, Goergen served the organization as its senior director of policy and programs (2001-02). Before holding that position, Goergen was SAF's director of forest policy (1999-2001), associate director of government affairs (1998-99), and Congressional liaison (1996-97). Goergen joined SAF in 1996 after earning a master's in forestry, policy, and administration from the State University of New York College of Environmental Science and Forestry-Syracuse. He also holds a BS in environmental studies, policy, and management from SUNY CESF.

The Society of American Foresters is a nonprofit organization that represents more than 17,000 professional foresters and natural resource professionals. It is the scientific and educational association representing the profession of forestry in the United States. The Society's primary objective is to advance the science, technology, education, and practice of professional forestry for the benefit of society.

Conferences

40th Annual Meeting

Society of Wood Science and Technology

June 22, 2003

**DoubleTree Hotel, Fairweather Ballroom
Bellevue, WA**

7:30-8:00 Registration and Coffee

Theme: "Wood Science and Technology in the BioBased Economy"

Program

8:00-8:05 - Welcome and Program Overview - **Douglas D. Stokke**, SWST President-Elect and Session Moderator

8:05-8:50 - **Keynote** --- "The BioEconomy: Past, Present, and Future" - **Dr. David Morris**, Vice President, Institute for Local Self-Reliance, Minneapolis & Washington, D.C. Author of 5 books, including "The Carbohydrate Economy" (1992); edits quarterly "Carbohydrate Economy" newsletter; currently serves on the new Biomass Advisory Committee of DOE/USDA.

8:50-9:15 - "BioRefineries: A Research and Applications Perspective." - **Designee** from Cindy Riley's Technology Management-Biomass group at DOE's National Renewable Energy Laboratory in Golden, CO.

9:15-9:40 - "Organizing for BioProducts Research: The Northwest BioProducts Research Institute" - **Dr. Michael Wolcott**, Associate Professor and Louisiana-Pacific Chair, Department of Civil and Environmental Engineering, Washington State University, Pullman, WA. Mike's past experience in large-scale collaborative research efforts and current involvement in the newly-formed Northwest BioProducts Institute will bring a dynamic perspective on ways in which researchers, industry, and product consumers may work together to advance the BioEconomy.

9:40-10:05 - "Graduate Education in BioRenewable Materials: An Interdisciplinary Approach" - **Dr. Joe P. Colletti**, Associate Professor, Department of Natural Resource Ecology and Management, Iowa State University. Dr. Colletti is a member of the faculty steering committee for a new, interdisciplinary graduate education program in BioRenewable Materials Technology at Iowa State University. This program, funded in part by DOE, is among the first of its kind in the Nation.

10:05-10:30 - "USDA CSREES: Building BioBased Research Vision and Opportunities" - **Dr. Chavonda Jacobs-Young**, National Program Leader, USDA Cooperative State Research, Education and Extension Service, National Research Initiative Competitive Grants Program. Dr. Jacobs-Young oversees the NRI competitive grants programs for Improved Utilization of Wood and Fiber and Non-Food Characterization, Processes, and Products.

10:30-11:00 - **Panel discussion** - each speaker will deliver a brief statement on "The Role of Wood or Lignocellulosics in the BioBased Economy" followed by approximately 20 minutes of Q&A with the audience.

11:00-11:45 Awards Program

11:45-12:15 Annual Business Meeting and Lunch

Afternoon Program

12:30-4:00 Joint SWST/Forest Products Society (FPS) Plenary Sessions

Session 1: Theoretical and Practical Aspects of Drying Softwood Lumber (Idylwood Room)

Session 2: Within Tree Growth vs. Desired Microstructural Properties of Wood and Fiber Supplies (Glendale/Overlake Rooms)

Session 3: Wood and Product Quality as Affected by Forest Management (Sahalee Room)

3:30-4:30 International Academy of Wood Science (IAWS) Lecture, "Outlook for Ethanol from Lignocellulosics" - **Dr. John N. (Jack) Saddler**, Dean, Faculty of Forestry, NSERC Industrial Senior Chair, Department of Wood Science, University of British Columbia (Page 5)

couver, B.C. (Glendale/Overlake Rooms)

4:00-5:30 Joint SWST/FPS Technical Forum and Student Posters (Marymoor Ballroom and Foyer)

4:30-5:30 SWST Committee Chairs' Meeting (Factoria Room)

6:30-8:00 Joint SWST/FPS Host Reception (Fairweather/Bellefield Ballroom)

The meeting will be held at the DoubleTree Hotel-Bellevue Bellevue, Washington. Accommodations are available at the hotel at the conference rate of \$130 plus tax for single/double occupancy. You may make reservations by calling 1-800-222-TREE or 425-455-1300. Mention the Forest Products Society Conference to ensure the above room rate.

SWST is offering an ALL NEW MONDAY MORNING SESSION made for you!

"Wood Characterization: Principles and Applications". This will be presented in a tutorial/applications/examples format of either tried and true, or some partly tried and maybe true techniques (i.e., neat things the presenters may have tried or are working on) to stimulate thought and interaction on fundamentals of wood science. Each presenter will have about 40 minutes for presentation/Q&A/interaction. Here is what we have lined up:

Wood Viscoelasticity as an Analytical Tool - Dr. Chip Frazier, Virginia Tech

Physical Properties Characterization- Dr. Jim Funck, Oregon State University

Application of Advanced Spectroscopic Tools to Wood and Wood Composites - Dr. Steve Kelley, National Renewable Energy Laboratory, and Dr. Tim Rials, University of Tennessee

Modern Microscopy Methods for Exploring Wood - Dr. Bob Hanna, SUNY-ESF, and Dr. Audrey Zink-Sharp, Virginia Tech

Applying Statistical Methods: Practices and Pitfalls - Ms. Patty Lebow, USDA Forest Products Laboratory

The session starts with registration* and coffee at 7:30 a.m. on Monday, June 23 in the Factoria Room at the DoubleTree Hotel-Bellevue (Washington). Our speakers will begin promptly at 8:00 a.m. The session will conclude at about 11:30, in plenty of time for you to make the FPS Industry Focus Day luncheon.

• ***THE BEST PART IS THAT REGISTRATION IS INCLUDED WITH YOUR SWST ANNUAL MEETING REGISTRATION (Traditional Sunday Session)**

• *For those who desire to register only for the Monday Session, a separate registration fee of \$25 will apply. See reverse for details.

YOU WON'T WANT TO MISS THIS!!

Advances in Engineered Wood Composites: New Products, Manufacturing Technologies, and Design Methods
Sponsored by: The Advanced Engineered Wood Composites Center
For Architects, Engineers, Builders, Wood Technologists and Researchers
Registration Fee: \$595

See www.bangorregion.com for a complete listing of motels, inns, and B&B's in the area.

TUESDAY, August 5, 2003 1:00- 9:00 pm
1:00-5:30 pm "Design of Wood Frame Buildings for High Wind, Snow, and Seismic Loadings—Part I"

Learn provisions of the 2001 NDS, the 2001 Wood Frame Construction Manual, the format of the 2000 and 2003 International Residential Code, and related topics in the IBC. Dr. R. Taylor, P.E., Director of Tech Transfer, American Forest & Paper Association; S. Francis, CBO AF&PA

7:00 - 9:00 PM, Reception and Dinner

WEDNESDAY, August 6, 2003 8:00 am- 5:30 pm

8:00 - 11:45 am "Live Demonstrations: R & D Methods in Wood Composites Product Development."

Learn about next-generation engineered wood products and the techniques used to develop them at the 33,000 ft² Advanced Engineered Wood Composites Laboratory. Demonstrations include: Wood-plastic extrusion, RF pressing and Veneer Densification, Assessment of Product durability, Advanced Imaging Techniques, Properties and Testing of Hybrid Panels for Disaster-Resistant Housing, Properties and Testing of FRP-Reinforced Glulams for the new AASHTO Specs. Staff of the AEW Center: Dr. H. Dagher, P.E., Director; Dr. S. Shaler, Assoc. Director, Dr. D. Gardner, Dr. R. Lopez-Anido, P.E., Dr. W. Davids, P.E., Dr. R. Lindyberg, P.E.

1:00 pm - 5:30 pm "Design of Wood Frame

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Buildings for High Wind, Snow, and Seismic Loadings—Part II

You carry out a hands on design of a two-story dwelling using the concepts introduced in Part I. Dr. R. Taylor, P.E., Director of Tech Transfer, American Forest & Paper Association; S. Francis, CBO AF&PA

THURSDAY, August 7, 2003 8:00 am - 5:30 pm

8:00 am—11:45 am “Engineered Wood Composites: Design and Applications.”

Learn the latest about designing and specifying Glulams, LVL, PSL, OSL, I-Joists, and structural panels. Also learn about proper end-use applications of these products. Tom Williamson, P.E., Vice President and Dr. B. Yeh, Director of Technical Services, APA the Engineered Wood Association.

1:00 pm - 3:00 pm “Advanced Engineered Lumber (AEL): A Case Study of Product Development and Commercialization.”

Learn about the engineering properties of this new patented wood composite, and how it was developed and commercialized by UMaine. Topics include: Product development and testing, ICBO/ICC-ES Code Approval Process, Engineering Properties and Applications.

3:00 pm-5:30 pm “Tour of Engineered Materials of Maine Manufacturing Facilities in Bangor, ME.”

Visit the new Advanced Engineered Lumber manufacturing plant in Bangor, ME. Learn how this new wood composite is manufactured, starting from grading the lumber resource, finger jointing, adhesive application, press and curing schedules. Learn about typical Quality Control methods used in manufacturing wood composites.

The Advanced Engineered Wood Composites Center

University of Maine

Orono, Maine 04469 - 5793

Phone: 207 581 2123

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www.aewc.umaine.edu

Other Upcoming Conferences

Second International Precision Forestry Symposium
June 15-18, 2003, University of Washington, Seattle, Washington, USA

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

Forest Products Machinery & Equipment Exposition June 25-27, 2003, Georgia World Congress Center, Atlanta, Georgia, USA

d will continue until the position is filled.

**Committee on Accreditation
2002-03 Annual Report**

During the past year the committee:

1. Conducted site visits to SUNY-ESF (Nov 2002), Penn State (March 2003) and University of Maine (April 2003). All were conducted jointly with SAF and resulted in a final report on file with the Executive Director. The Committee will meet in Bellvue Washington in June 2003 to consider these applications and prepare recommendations for action by the Executive Board.
2. An ad hoc committee drafted proposed new standards for SWST accreditation and is not soliciting public comment on those. Please see <http://www.swst.org/standards.html> to review. Comments will be received until June 13. Please contact me directly at thomas.mclain@orst.edu. This revision effort parallels a similar activity ongoing with SAF that will culminate in full implementation of new standards and procedures in 2005-06.
3. A new Accreditation Handbook is currently in preparation.
4. In Nov 2002, the Committee recommended that accreditation of the BS in Forest Products at Mississippi State University continue to be accredited until 2007. The Executive Board concurred.
5. An annual accreditation status report was published in the last SWST newsletter and was submitted to the Executive Director for publication on the Sociey web page.

Thomas McLain, Chair

**SWST Membership Committee
Status Report
May 2003**

Prepared by Richard Vlosky, Membership Chair

Committee Report

1. Devise and implement procedures designed to increase

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the membership of qualified professional individuals in the Society.

The Board put together an ad-hoc committee (Doug Stokke, Cindy West, Richard Vlosky) to pick out 4-5 action points from the survey that can be accomplished quickly and with greatest impact on membership. Vlosky's initial role was to put together a 1-page summary of the survey and action points for publication in WFSJ as a professional page. This has been done. In addition, an article with the most salient results was written by Vlosky and will be included in the same issue. Vlosky was instructed to wait for Doug or Cindy to contact him for further instructions.

2. Review and approve applications for membership.

We have reviewed and made membership decisions on all applications received as of October 2002. We will continue to review applications as they come to the committee.

3. Follow up, via letter or other communication, to delinquent members by January 15 of each year.

Committee Chair will do this in early January once a comprehensive list of delinquent members is provided to the committee.

4. Send a letter to all graduating student members of SWST by March 1 of each year about the process and benefits of converting to full membership status upon graduation.

This was done in March 2003.

5. Develop and circulate a short membership survey every three years.

A survey was conducted in 2002 and will be replicated again in 2005 and every three years thereafter.

6. Prepare an annual report of committee activities for publication in the Newsletter (due 4/15)

Done.

Special Charges for 2002-2003:

1. Contact leaders at North American universities, asking that they identify students who could benefit from SWST membership. Ensure that program leaders have SWST poster and membership applications. Follow up with prospective new students by sending membership information.

Xiaoqiu Zuo, Ph.D student at North Carolina State University

and member of the SWST membership committee has contacted academic leaders at appropriate North American universities to help recruit new student members. Committee Chair provided the list to Ms. Zuo and aid in this process.

2. Work with Paul Blankenhorn to complete requirements for a "Fellows" membership category.

The Membership Committee recommends adoption of the guidelines developed by Dr. Blankenhorn.

3. Report results of member survey through Board Liaison for fall '02 board meeting. Work with Newsletter Editor to publish summary of member survey results.

Survey results have been submitted to the board and will be published in the newsletter as well as W&FS. The Committee also recommends that the full results from the survey be posted on the SWST website.

Visiting Scientist Committee Report

- In October 2002, all the potential scientists on the visiting scientist committee list were contacted by the e-mail, being asked to update their information on the list and nominating persons who might be interested but not on the current potential list. Then it was updated according to the response. But less than the expected responses were received. Therefore, a more active approach would be suggested for the next year.
- In November 2002, an open letter to invite the participation of the interested schools, institutes and government was sent to the heads of these organizations. More than 50 letters were sent. Again, less than the expected responses were received.
- By Jan.15th 2003, (the deadline for applying the visiting scientist travel fund), we received two applications for the international travels. By deep discussion and consideration within the committee, one application was approved and submitted to the Board through the board liaison, Dr. Todd Shupe. The board has the final decision on whether fund or not to fund the visit.

Editor's Report

June 3, 2003

Wood and Fiber Science receives a healthy number of good manuscripts for publication.

At the present time, volume 35 of the journal has enough technical articles accepted to fill both the July and the October issues, and perhaps a few will slip over to the January issue of volume 36. The topics have a very good variety of subjects from a diversity of authors with regard to their country of residence.

Details of the three issues of volume 35:

Printed pages:	Total	Technical Articles
No. 1. January, 2003	152	146
No. 2. April, 2003	168	167
No. 3. July, 2003	160	153
Total Number of Pages:	480	466*

*Estimated income from page charges @\$110/pg. \$51,260

Manuscripts in the process:

In press (July issue)	15
Accepted for publication	17
Out for review	33
Back to authors for revision	23
Rejected	4
In the process in editor's office	8
Total number of articles:	100

The Society is fortunate to have Virginia Tech subsidize the expenses of the editor, providing him with an office, mailing, telephone and fax expenses, a computer with internet access, office supplies and limited secretarial help. In these days of general budget reductions, the Department of Wood Science and Forest Products of Virginia Tech was forced to lay off one person and has had a freeze on filling vacant faculty positions. Yet, the subsidy for Wood and Fiber Science has remained intact. Virginia Tech's assistance is very much appreciated.

**REPORT OF THE PUBLICATION POLICY
COMMITTEE 2002-3**

Responsibilities:

1. Advise the Executive Board in policy matters related to all SWST publications
Done as requested
2. Advise the Editor of *Wood and Fiber Science* on matters as requested
Done as requested
3. Review policy matters for those in the Society involved in publications

Done as requested

4. Solicit at least 2 SOA's per year and coordinate state-of-the-art papers for *Wood and Fiber Science*

The change in policy to eliminate SOA's as such and move to review papers under the regular publication system has precluded this activity.

5. Prepare an annual report for publication in the Newsletter 4/15
Not done

Special Charges for 2002-2003:

Develop recommendations on the following issues:

1. Should authors be asked to submit final version of papers accepted for publication in electronic format? If so, what format(s) will be specified? Papers should be submitted in WORD format, but there should be an option to submit in PDF.
2. Advise the Board on the desirability of moving toward electronic publishing of W&FS.
3. Provide recommendations on how to increase the professional page content of W&FS.

W&FS should move toward electronic publishing, but also continue hard copy printing for the immediate future.

Make known the need for notes on awards, editorials, and archival material through editorial notes in W&FS and the Newsletter.

Other subjects:

1. Redesign of W&FS:

While there is some sentiment for retaining the current size and format, a move to standard 8 1/2 x 11 inch size for cost saving purposes would not be objectionable.

2. Sending reprints to authors in PDF format:

We don't see the point of this, especially if we wish to put the publication on-line. Papers published on-line could have a web link where they could be downloaded in PDF. Authors should get free reprints; the number could be reduced if cost is critical.

Respectfully submitted,
Bob Youngs

Workshop Announcement

The Characterization of the Cellulosic Cell Wall Workshop is scheduled for August 25-27, 2003 at the Grand Lake Lodge in Estes Park, Colorado. The template for this workshop is very similar to the most successful workshop put on by Brian Butterfield in Westport, New Zealand in 1997. The meeting will be very informal by nature but technically rigorous. The workshop will be limited to 50 participants: 30 delegates that will present papers, 10 additional delegates that will contribute to the discussions, and 10 graduate students and/or postdoctoral researchers (but no more than one from any institution).

The workshop will have an international flavor with approximately 20 delegates from North America, 10 from Europe, 10 from Asia, and 10 from New Zealand/Australia. The meeting will take place at the Grand Lake Lodge in Estes Park, Colorado on August 25-27, 2003. The Grand Lake Lodge is nestled in the heart of the Rocky Mountains and should be spectacular. Late August should present us with fantastic weather with just a hint of fall color as well as the beginnings of bugling elk during the prime of the rutting season. Grand Lake Lodge is ideally situated for this meeting and is located on the largest natural lake in Colorado. Delegates will stay in individual rooms or cabins nestled in the woods. A few cabins available are quite large with several bedrooms which can be reserved for those delegates willing to coordinate lodging. Distractions should be few as rooms do not have televisions or telephones. For more information on the lodge as well as conference facilities and lodging, go to www.grandlaketelodge.com. Grand Lake Lodge is isolated enough so that we will spend several days together as a scientific entity but is close enough to town that occasional trips for supplies are probable.

First and foremost, this workshop is intended to bring fellow scientists together for scientific exchanges and is not intended to make any money. We have done all that we can to minimize the cost of the workshop to all attendees. The Southern Research Station (U.S. Forest Service) has picked up the cost of the conference facilities, all audio/visual rentals, snacks, coffee, and soft drinks for all of the full-day sessions. We are still working on the publication aspect of the resulting book so numbers right now are only ballpark, but there will be an approximate registration fee of about \$100. This will cover your costs for the book when published and mailed out. Your only other costs will be the cost of the lodging at the ranch, your evening meals, and your beverages of choice. Preliminary estimates are that the lodging costs per delegate will be about \$80/night (single occupancy) or \$50/night (double occupancy). All in all, this is a fantastic deal.

Anyone requesting additional information or interested in attending the workshop are encouraged to contact either Drs. Les Groom (lgroom@fs.fed.us, (318)473-7267) or Doug Stokke (dstokke@iastate.edu, (515)294-2115). Do not hesitate too long as there are only about 10 delegate slots available as well as 5 graduate/postdoc slots.

Employment Opportunities

Position Available

Graduate Research Assistantship

Department of Forestry, Wildlife and Fisheries
University of Tennessee Knoxville, Tennessee
Graduate research assistantships are available for M.S. or Ph.D. candidates in the Tennessee Forest Products Center, University of Tennessee, in Knoxville, Tennessee. The successful applicants will conduct research in the area of wood-based composites.

Each assistantship includes a competitive stipend, tuition waiver and health insurance. A written thesis will be required at completion of the assistantship period. Students could enter spring/fall semester 2004 or fall semester 2003. BS degree in wood science, material science, chemistry, materials engineering, or closely related field is required. Acceptance into the UT Graduate School is required. To obtain Graduate School application forms from:

Graduate School, University of Tennessee
320 Student Service Building
Knoxville, TN 37996-0230
Tel. 865-974-3251

Or download forms from website

<http://admissions.utk.edu/graduate/index.shtml>

To request additional information and financial assistance send application letter, academic transcript (unofficial copy is acceptable), resume, and three reference letters to:

Dr. Siqun Wang

Assistant Professor

Tennessee Forest Products Center

The University of Tennessee

2506 Jacob Dr. Ag. Campus

Knoxville, TN 37996-4570

Phone: 865-946-1120

FAX: 865-946-1109

Email: swang@utk.edu

Download forms from <http://fwf.ag.utk.edu/grad/grad.htm>



Spring 2003 SWST Board Meeting Highlights

- 2002 proceedings have gone to the printers
- Change in WFS editorial policy to allow for commentary on articles and rebuttal
- Discussion about looking into the format of the journal to look into cost savings
- SWST Fellows category to be discussed at Annual Meeting
- Directory of schools has been updated
- Funding of state-of-the-art papers to be discontinued

SWST Board Election Results

Vice President: Paul Smith

New Directors: Dan Dolan
Jeff Morrell

Congratulations are in order!

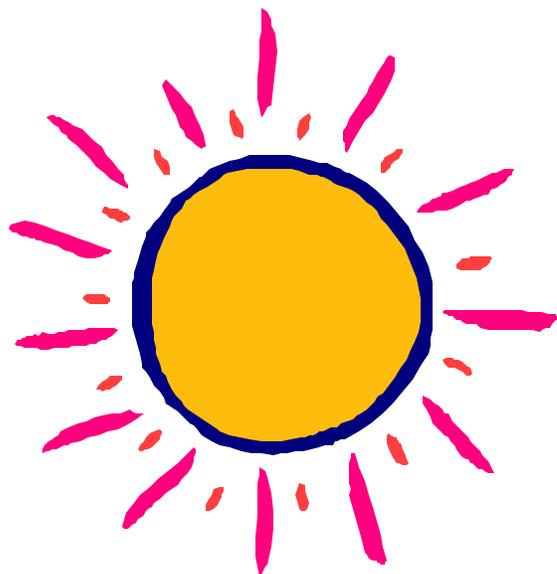
Wanted: New Newsletter Editor

The Society is currently seeking a new Newsletter Editor to replace Doug Gardner, who is stepping down as Editor after 3 years service to the Society.

SWST Newsletter Editor Responsibilities:

- Assemble and edit Newsletter which is published 6 times per year. Time required: 5 to 6 hours per issue.
- Attend 3 Board of Directors meetings per year. One in the fall, one in the spring and the annual meeting. The Society covers travel costs to the fall and spring board meeting. Time required: two, 3-day weekends in addition to an extra day before the Annual Meeting.
- Software requirements: Microsoft Publisher and Adobe Acrobat
- It helps to have a scanner if news items are not obtained electronically.
- Enthusiasm and organization!

Doug has agreed to help the new Editor with transitioning into the position over the next few issues, if needed. Please contact Vicki or Doug about the Editor position.



Amusements

New Words

Each year the Washington Post Invitational asks readers to take any word from the dictionary, alter it by adding, subtracting, or changing only one letter and supply a new definition. Here are the 2002 winners:

Intaxication: Euphoria at getting a tax refund, which lasts until you realize it was your money to start with.

Reintarnation: Coming back to life as a hillbilly.

Giraffiti: Vandalism painted very, very high.

Sarchasm: The gulf between the author of a sarcastic wit and the person who doesn't get it.

Inoculate: To take coffee intravenously when you are running late.

Hipatitis: Terminal coolness.

Osteopornosis: A degenerate disease. (This one got extra credit)

Karmageddon: It's like, when everybody is sending off all these really bad vibes, right? And then, like the earth explodes and its, like, a serious bummer.

Glibido: All talk and no action.

Dopeler Effect: The tendency of stupid ideas to seem smarter when they come at you rapidly.

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, 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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 The logo for the Society of Wood Science and Technology (SWST) features the letters "SWST" in a bold, white, sans-serif font. The letters are set against a solid black rectangular background.