

SWST Newsletter

SOCIETY OF WOOD SCIENCE AND TECHNOLOGY

~August 2006~

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Notes from the Editor



- Consider taking advantage of the SWST visiting scientist program. A list of participants is included at the end of this newsletter
- Wood & Fiber Science has moved to a double-blind review process as of June 1st.

Please send your comments, and content for future editions of the Newsletter, to me at <u>AdamTaylor@utk.edu</u>.

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IUFRO Conference

The International Union of Forest Research Organizations (IUFRO) All Division 5 (Forest Products) Conference will be held in Taipei, Taiwan from 29 October to 2 November, 2007. The IUFRO All-Division 5 Forest Products conference is held every five years. The meeting will be hosted by the *Chinese Forest Products Association* and co-sponsored by the IAWS, IAWA, IRG/WP, and APAFRI.

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 rapidly increasing demands for all kinds of forest products, while maintaining the forest as a source of such products and a resource for social, economic and environmental benefits.

Major topics include

- · Wood Quality and Physical/Mechanical properties of wood and
- · Wood Protection
- · Wood Processing
- · Wood and Bio-based Composites and reconstituted products
- · Properties and utilization of plantation wood
- · Energy and chemicals from forest biomass
- · Forest products marketing and business management
- · Non-wood forest products
- · Sustainable utilization of forest products
- · Education in Forest Products

For more information either contact <u>susanshiau@tfri.gov.tw</u> at Taiwan Forestry Research Institute or go to the conference website: <u>http://www.alldiv5iufro2007.org.tw/index.htm</u>

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Conference on Waterborne Finishes

A conference is being organized by the UBC Centre for Advanced Wood Processing and Wood & Wood Products magazine in Atlanta on August 22nd 2006. The full-day event will examine the implications for wood products manufacturers in using waterborne and other compliant finishes. Eight presentations throughout the day will address issues such as finish quality, application equipment, impacts on efficiency and product flow, and costs. A networking reception with tabletop exhibits will be held following the presentations. The conference is being held on the day before the opening of the International Woodworking Fair. For program details please follow this link: http://www.cawp.ubc.ca/cawp/atlanta2006 webinfo.pdf

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ECOWOOD 2006 Announcement

ECOWOOD 2006 – 2nd International Conference on Environmentally-Compatible Forest Products will take place from 20 to 22 September at Fernando Pessoa University, Oporto, Portugal.

The **Provisional Programme of the Conference**, is now available, including information on the keynote addresser, topics and speakers for oral communications and topics and presenters for poster communications.

You can see the Conference Programme at http://www.ufp.pt/events.php?intId=10038

The following links will follow you to other relevant information:

Main web page: http://www.ufp.pt/events.php?intld=10038

- Scientific and technical topics of the conference
- Conference secretariat contacts
- Conference fees and deadlines
- Fees payment information
- Other detailed information

Registration form: http://www.ufp.pt/page.php?intPageObjld=12510

Local tourist information and hotels:

http://www.ufp.pt/page.php?intPageObjId=12461

ECOWOOD 2004: <u>http://www.ufp.pt/page.php?intPageObjld=14688</u>

- Participants list
- Photos
- Results of opinion survey
- Compilation of abstracts of communications
- Instructions to order ECOWOOD 2004 Proceedings

Hope we will see you with us at Fernando Pessoa University by September!

Fernando Caldeira Jorge Coordinator of the scientific and organisation commissions of ECOWOOD Conferences Associate Professor <u>http://homepage.ufp.pt/fjorge</u> <u>fjorge@ufp.pt</u> Ext. 2316 Mobile: +351 919 092 704

CEMAS - Centre for Modelling and Environmental Systems Analysis Faculty of Science and Technology Fernando Pessoa University Praça 9 de Abril, 349 4249-004 PORTO PORTUGAL http://www.ufp.pt Phone: +351 227 071 300 Fax: +351 225 508 269

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Dr. Richard Vlosky Helps Give Forest Products Marketing a Boost in Southeast Europe

Dr. Richard Vlosky, Director and Professor, Louisiana Forest Products Development Center, LSU AgCenter, recently participated in and helped to coordinate two workshops on capacity-building in forest products marketing in Southeast Europe. The first workshop, held in the Czech Republic was attended by government officials and academic administrators from Armenia, Azerbaijan, Kyrgyzstan, Mongolia, Turkey, and Uzbekistan.

In April, Dr. Vlosky helped to conduct a workshop for the Balkan countries in Serbia and Montenegro. The FYR of Macedonia, Albania, Bosnia and Herzegovina, Serbia and Montenegro, Croatia, Romania and the Czech Republic were represented at this workshop titled "Forest Products Marketing - from Principles to Practice." The LSU AgCenter co-sponsored this event.

Dr. Vlosky is Chair of the United Nations Economic Commission for Europe/Food and Agriculture Organization of the United Nations (UNECE/FAO) Forest Products Marketing Specialists subgroup of the Timber Committee in Geneva, Switzerland.

New Appointment for Dr. Vlosky

Dr. Richard P. Vlosky has been appointed Associate Professor in the Department of Forestry at Banat University of Agricultural Sciences and Veterinary Medicine in Timisoara, Romania. Dr. Vlosky will spend two weeks lecturing to graduate students at the University in spring 2007.



Dr. Aurel Lazureanu, Dean of the Faculty of Horticulture & Forestry (right) congratulates Dr. Vlosky on his appointment

Contact information for Dr. Vlosky:

Richard P. Vlosky, Ph.D., FIWSc. Director, Louisiana Forest Products Development Center Professor, Forest Products Marketing School of Renewable Natural Resources Louisiana State University Agricultural Center Baton Rouge, LA 70803 Phone: (225) 578-4527 Fax: (225) 578-4527 Fax: (225) 578-4251 Cell: (225) 223-1931 Email: rvlosky@agcenter.lsu.edu URL: http://www.rnr.lsu.edu/lfpdc

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Notes from SWST Board Meetings

- An electronic proceedings of the 2006 Annual Convention will be produced for the website, consisting of the speakers' powerpoint presentations
- Beginning June 1 the journal will go to a double-blind review process
- We are receiving proposals for electronic publishing the Wood and Fiber Science, as well as a printed version
- New Vice President is Jerry Winandy and new Directors are Sue Anagnost and Tony Zhang.
- The date for next year's Annual Convention is June 10, 2007 in Knoxville, TN. Anyone who would like to present a technical session, contact Jim Armstrong.
- The board is working on a new membership survey.
- All yearly accreditation review reports that were submitted were accepted.
- The Accreditation Committee is working on revising the new standards to work a little better.
- The Education Committee is working on facilitating the posting of student resumes and employer job openings on the website
- The Policy and Critical Issues Committee is working on a new policy statement generated from the CORRIM report

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The SWST Visiting Scientist Program

A reminder to members of the availabilility of grants for each of the following two types of visits:

1) North American visits for members on SWST Visiting Scientist list to any Canadian or US forest products institute, university, or corporation. The host group should submit the REQUEST using the Form on the SWST Website and a final report is due upon completion of each visit. Each request should document, who, where, why, and potential benefit to SWST and to member(s).

2) Visits by members on Visiting Scientist list to international destinations. Usually these are partial grants for \$500-to-\$2000. The individual Visiting Scientist member should submit the REQUEST and a final report is due upon completion of each visit.

The committee is working on the development of a third-type of Visiting Scientist visit:

3) Visits by International members (and possibly NON-members) to North America for visits to institutes, universities and companies, and also to attend a North American meeting such as the SWST Annual Meeting.

Please let me know if you have questions or additional information you might need.

Thanks !

Dr. Jilei Zhang Associate Professor Box 9820 Department of Forest Products Mississippi State, MS 39762-9820 Franklin Center, Room #218 Phone: 662-325-9413 Fax: 662-325-8126 Email: jzhang@cfr.msstate.edu

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A Summary of Ideas from the NAUFRP Summit

Defining Strategic Directions and Rebuilding Capacity January 4-6, 2006 – NCTC – Shepherdstown, WV

New Knowledge and Science Needed to Advance Our Understanding of Forests: A Forest-based Research Agenda for the 21st Century

The relationships between forests and the dynamic human landscape have evolved dramatically over recent years. These relationships are both essential and complex; they drive the future health, productivity, and sustainability of forests at local, national, and global levels. At the same time, technology has advanced, allowing us to explore, discover, and monitor changes at scales ranging from outer space views of macro environments to molecular analyses to nanosensor monitoring of interstitial spaces. Indeed, our capacity for discovery is greatly enhanced, as is our need to re-examine the questions we ask, our approaches to analysis, and the areas requiring our exploration and investment. Under the leadership of the National Association of University Forest Resources programs, 100 leading scientists from academic, agency, non-profit, and industrial sectors gathered to define the new knowledge and science needed to advance our understanding of forests --- to articulate the elements of a new forest-based research agenda for the 21st century.

Major Emergent Themes – Remarkably, there was substantial agreement among participants in the new science needs and opportunities related to forest and natural resources. An overriding goal of global sustainability seemed to drive the major themes that emerged. In particular, the potential exists for forests to become the focus for the development of a *New Science of Integration*. This scientific endeavor would focus on whole system analysis and the development of models, tools, and theories for integration of ecological, social, and cultural dimensions of natural resources

management. Integration across boundaries, including ownerships and jurisdictions, must also be explored. This recommendation acknowledges that forests are inherently "integrated settings" that simultaneously involve communities, economics, and environmental implications. While the call for interdisciplinary research is widespread in environmental sectors, the need for such a science is emphatic in forest systems and forest-based research is exceptionally well-suited for integration. The forest research community could lead this effort globally. The broad arena of Ecosystem Services also emerged as a consensus topic for new forest-based research. This would include valuation of forest ecosystem services, full cost accounting, the establishment and viability of ecosystem service markets (e.g., carbon credits and trading), and the contribution of forests to the global economy. Furthermore, the role of forests in quality of life, and the values associated with restoration of healthy and productive forests need to be better understood. The forestry community's lack of attention in the past to the study of Human Attitudes and Behaviors surfaced as cause for public misperceptions. Participants highlighted this area for future attention and investment. This line of inquiry might include tools to understand and gauge public perceptions, attitudes, and behaviors as well as multicultural dimensions of resource management and the broad realm of communication sciences. Recognizing the complexity of forests and the numerous and often conflicted stakeholder needs and wants, participants identified a much needed new research thrust focused on Conflict, Uncertainty, and Decisionmaking. This would include understanding the roles of government structures, disturbance, adaptive management, and decision-making in an atmosphere of risk and uncertainty. Finally, participants also recognized the exploratory opportunities for forests associated with Technology Advancements and Applications. While this could include advancements and applications of remote sensing and nanotechnology for monitoring and assessing impacts, it also encourages applications for sustainability of the earth, including earth system analysis focused on the convergence of ecology and people on a global scale.

Additional Themes --- Some participants also recognized the need to explore New Applications for Forests and Products. This broad arena focused on the development of sustainable industrial practices and "green" business models as well as exploring possibilities for the development of bio-based polymers, alternative wood fibers, bioenergy, and bioremediation. The recognition that half the world's population now resides in urban communities stimulated exploration of *Urbanization* as an additional priority area for natural resources research. In particular, understanding the role of urban forest landscapes in quality of life, human health, mitigation of stormwater pollution, and air and water quality are of increasingly high priority as are issues of the equitable distribution of forest resource benefits across ethnic and socioeconomic communities. **Crosscutting Issues** --- As part of the discussion of new knowledge and science

needed, numerous critically important issues were mentioned, not so much as future research foci, but rather as examples of areas in which new comprehensive approaches to research are needed.

Prominent environmental issues that emerged included *global change, alternative energy, biodiversity, invasive species, and carbon fluxes.* These were all seen as issues that included biophysical and social science dimensions that needed to be addressed through new comprehensive and "integrated" approaches to research. Furthermore,

issues related to *climate, water, air, and nature-based recreation and leisure activities* can be addressed in the context of the major emergent research themes. Finally, recognizing the complexity associated with the human-forest interface, participants recognized the need for increased attention to the development of *comprehensive approaches to natural resources and ecological planning* at varying scales.

New Challenges Represent New Opportunities --- While numerous themes for new and needed research were articulated, there was substantial consensus that the *status quo* is not effectively serving our forests, our economy, the research community, or the nation. New ideas, energy, and approaches are necessary to advance the status and health of our nation's forests. Participants recognized the need to educate a new generation of scientists with different knowledge and skills than their predecessors and to rethink the strategies and mechanisms for supporting forest-based research needed to promote and sustain healthy and productive forests and to enhance the competitive position of our nation. Indeed, recognizing the need for change is a key element of a new forest-based research agenda for the 21st century.

The forestry and broader natural resources community has an opportunity to define a new forest-based research agenda built around new knowledge and scientific needs and approaches that emerged from the ideas and experiences of 100 thoughtful national leaders from several sectors. The new knowledge and science needed for forests is summarized below:

New Knowledge and Science Needed to Advance our Understanding of Forests From the National Summit to Define the Future of Forest Research

FOREST RESEARCH FOR THE 21st CENTURY:

DEFINING STRATEGIC DIRECTIONS AND REBUILDING CAPACITY January 4-6, 2006, National Conservation Training Center, Shepherdstown, WV National Association of University Forest Resources Programs *Major Emergent Themes*

A New Science of Integration—All natural resources issues and opportunities include ecological, social, and cultural dimensions and forests are inherently "integrated" settings. We can lead in the development of the "science of integration," which would focus on whole system analysis and the development of tools, models, and theories for integrative approaches to natural resources management. Integration across boundaries, including ownerships and jurisdictions, must also be explored.

Ecosystem Services – This would include valuation of forest ecosystem services and restoration, full cost accounting, the viability of ecosystem service markets, and the contributions of forests to the global economy and quality of life.

Human Attitudes and Behaviors – Public misperceptions and actions are related to our lack of serious attention to meaningful communication and understanding behavior. We must develop tools to effectively gauge public perception and explore multicultural dimensions of issues. *Conflict, Uncertainty, and Decision-making* – Forests are complex systems connected to many conflicting stakeholder needs. Decision-making must be analyzed and informed by roles of government structures, disturbance, adaptive management, and analysis of risk and uncertainty.

Technology Advancements and Applications – Technological advancements allow remote sensing of broad scale impacts and nano-sensors for micro-monitoring.

Applications to convergence of ecology, forests and people at the earth system scale must be explored.

Additional Themes

New Applications for Forests and Products – There is a demand to develop sustainable industrial practices and viable "green" business models applied to forest industries as well as exploration of new technologies, such as alternative fibers, bio-energy, and bioremediation, that can transform the wood products industry.

Urbanization – Half the world's population lives in urban settings, thus highlighting the need to understand the forest/urban community interface. Issues such as quality of life, human health, air and water quality, and the mitigation of stormwater pollution are complex as are issues of the equitable distribution of forest benefits within communities. *Crosscutting Issues*

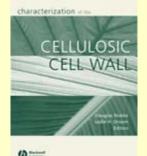
Issues to be addressed through the lens of these new knowledge and science themes: *Global change Alternative energy*

Biodiversity/complexity Invasive species Carbon fluxes Water and air quality

Ecological Planning Recreation and tourism

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New Book: Characterization of the Cellulosic Cell Wall



Edited by Douglas D. Stokke, Leslie H. Groom

Plant biomass resources are seen as a vast reservoir of potential to be unlocked as sustainable fiber, fuel and chemical feedstock for the 21st century. Vital to the achievement of this promise are fundamental investigations on the nature and industrial application of lignocellulosic materials.

This volume brings together a broad array of scientific expertise to focus on the characterization and utilization of cellulosic materials. Researchers from Austria, Germany, Sweden, Japan, New Zealand, Australia and the US explore many facets of the plant cell wall, from its fundamental structure and its manipulation via molecular biology to its application in composite materials. Exciting applications of near infrared spectroscopy, x-ray diffraction, confocal microscopy and molecular coupling as a viscoelastic probe provide new insights into the ultrastructure and properties of cellulosic materials.

In total this volume represents a unique contribution to both our understanding and our vision for the sustainable use of biobased materials.

Publication Date: 2006 Size: 296 pages; 7 x 10 Binding: Hardback Publisher: Blackwell Publishing

Cost to SWST Members - \$100 Order from: SWST, One Gifford Pinchot Drive, Madison, WI 53726

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Position Opening: Director of Building Sciences

We're working with a wood products co. in the GA/SC region that is looking for a Director of Building Sciences. Salary range is 100-140K + 20% bonus. Outstanding co.- industry leader. This person will be responsible for establishing a core competency in Building Sciences by defining the strategy for a building science oriented organization (i.e. test methodologies, technical services competency and next generation products). Will develop and lead an internal research program focused on the behavior of wood based products and associated membranes.

If you know anyone who might be interested in hearing about this opportunity or can further direct us please give me a call or pass this information along. We will pay a 1K if your referral connects us with the right person. Thanks!

Chuck Sissom Sissom and Associates 4204 Westgate Drive Knoxville TN 37921 Toll free (866) 546-0645 Fax (865) 546-0541 <u>csissom@comcast.net</u>

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Manufacturing Process Specialist - Pressing

- Multiple Locations:
- 1. Center, Texas
- 2. Vicksburg, Mississippi

In support of Armstrong Floor Products (AFP), we are currently seeking experienced Process Specialists to improve the performance within the Pressing area of Wood Manufacturing through the utilization of Business Process Management (BPM).

More specifically, the selected incumbent will:

• Lead the development and implementation of BPM systems.

- Standardize, stabilize and optimize key process measures.
- Identify best practices and ensure consistent application of Standard Operation Procedures across Manufacturing Plants.
- Provide indirect leadership to a network of Manufacturing Process Owners.

Qualified incumbents should possess or be able to demonstrate the following:

- In depth practical experience working within Pressing as it relates to the production of Wood products. Plywood pressing experience is absolutely required; additional experience in plywood manufacturing a plus specifically green end: cutting veneer, drying veneer, pressing into plywood.
- Bachelor degree in manufacturing processes, engineering or related field (i.e. Mech E, EE, Process Engineer).
- Experience with documented process, flow mapping, statistical process control all would be beneficial
- Ability to troubleshoot process, develop control strategies, reaction plans, best practice models, standard operating procedures, etc.
- Ability to apply and coach others in the use of Process Improvement Tools/Techniques.
- Ability to identify improvement opportunities by analyzing data sets.
- Strong computer skills (i.e. Word, Excel, Powerpoint).
- Ability to support the implementation of best practices among other Wood Manufacturing Plants by overnight travel. Extensive travel required, especially initially (up to 100% first 3-4 months; then approximately 40%)

Competitive pay, benefits, training and relocation assistance support our opportunities. Sarah R. Jones Associate Staffing Specialist Talent Acquisition Team Armstrong World Industries (717) 396-5211 (717) 396-6132 FAX SRJones@armstrong.com

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Ph.D student at the Department of Wood sciences and Forestry of Laval University

The subject of the thesis is Chromophores of hardwood lignins

Description of the projet:

Isolation of lignins from birch and maple wood and their structural analyses

Study of the structure of hardwood lignin in situ by modified method of thioacidolysis

Study of the structure of hardwood lignin *in situ* transformed during drying of wood, by modified method of thioacidolysis

_ Identification of the chromophores in the structure of lignin *in situ* and in modified lignin.

Study of the chromophores and fluorophores in lignins by staining techniques

The student should have a chemical background and/or be familiar with the modern analytical methods in chemistry. Fluency in French will be appreciated but is not requested.

Scholarship: 18500 \$/year

Possibility of training at the INAF (l'Institut de nutraceutiques et des aliments fonctionnels) of the Laval University

Please contact thesis supervisor:

Tatjana Stevanovic, Département des sciences du bois et de la forêt, Université Laval, Pavillon Gene H. Kruger, local 2367. Québec, G1K7P4 Canada, Tél 656-2131/7337; courriel: <u>Tatjana.Stevanovic@sbf.ulaval.ca</u>

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Opening for a Microscopist

Paprican (Pulp and Paper Research Institute of Canada) is one of the world's leading research organizations. We keep our member companies competitive with our state-of-the-art knowledge base and our constantly evolving technologies.

We currently have an exciting two year position open for a Confocal Microscopy Technical Specialist to join our EvaluTree Business Unit in Vancouver, BC. The candidate is expected to carry out non-routine experimental work, and operate and maintain the confocal microscopy system (Ziess LSM 510 Meta & Chameleon Laser). He/she is also expected to facilitate research in wood and pulp fibre characterization by supporting the development and implementation of new/rapid techniques using modern light microscopic and image analysis techniques with a team of scientists and technicians.

The ideal candidate will hold a B. Sc. or higher in engineering physics, physics or materials related science, be willing to tackle diverse challenges with innovative approaches, has proven skills in optics, instrumentation and basic electronics and mechanics. Experience in programming and image analysis is definitely an asset. Ability to think analytically and independently is critical. Key attributes include being highly motivated, competent, team player, and good communication skills, both written and oral.

This position will allow you to grow your skills while working on a state-of-the-art multiphoton laser scanning confocal microscope.

Please send your resume to: Human Resources, 3800 Wesbrook Mall, Vancouver, BC V6S 2L9 Fax: (604) 222-3226 E-mail: <u>hr-van@paprican.ca</u>

We thank all applicants for their interest, but advise that only those selected for an interview will be contacted. Paprican is an equal opportunity employer.

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SWST Snapshot

Membership					
Full members	270 Affiliate		ate members	4	
Student members	42	Tota	Imembers	360	
	12	1010		000	
Retired members	44	W&FS Subscribers		199	
Financial					
Three Vanguard funds (12/31/05)	\$54,878.01	.01 Vanguard Index fund (Student poster money)		\$13,316.47	
CD Balance (12/31/05)	\$51,101.05	Checking Account (06/01/06)		\$162,	481.01
Volume 38 of Wood	and Fiber Sc	ience	e (as of May)		
	Technical		Technical Pages		Total Pages
January	Papers 18		182		188
January	10		102		100
April	17		187		188
July (in press)	17		186		188
Total	52		555		564
Under review	34		Web Page		Мау

With authors (revision)	27	Number of unique visitors	592
Accepted (in press)	14	Number of new visitors	259
Withdrawn	4	Pages viewed	1523
Rejected	2	More data: http://www.swst.org/nettracker/r	eports/

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About SWST

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.

Items for the Newsletter may be sent to Adam Taylor, at: AdamTaylor@utk.edu

The Society of Wood Science and Technology 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.

Phone: (608) 231-9347 Fax: (608) 231-9592 E-mail: <u>vherian@fs.fed.us</u> Web site: <u>http://www.swst.org</u>

Society of Wood Science and Technology

President:	Paul M. Smith
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	Jerry Winandy (2006)
	Donald A. Bender (2007)
	Alain Cloutier (2007)

Wood and Fiber Science	
Editor:	(
Associate Editor:	A
Editorial Assistant:	(

Geza Ifju Audrey Zink-Sharp Carol B. Ovens SWST Newsletter Editor:

Adam Taylor

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2005-2006

LIST OF POTENTIAL SWST VISITING SCIENTISTS

ANDERSON, MATTHEW., 3700 RT. 44, Suite 102, Millbrook, NY 12545 (845-677-3091)

(FAX: 845-677-6547) email: m.anderson@verizon.net

Specialty: Wood science consulting and applied research.

Will Discuss Formally and Informally: Assessment of wood frame buildings (destructive and nondestructive); Evaluations of marine and foundation pilings; Investigation of construction related deficiences; Microbiological evalutions (wood fungi, mold, bacteria).

ARMSTRONG, JAMES P., Associate Professor, West Virginia University, P.O. Box 6125,

Morgantown, WV 26506-6125 (304-293-2941, ext. 2486) (FAX: 304-293-2441)

email: jarmstro@wvu.edu

Specialty: Wood anatomy and physical properties; Contemporary issues in forest resources and the wood products industry.

Will Discuss Formally: Various topics related to forest resources in U.S. history (see: http://www.wdsc.caf.wvu.edu/otherwebs/WDSC%20100.pdf.); Eco-terrorism--Its causes and impacts. **Will Discuss Informally:** Any of the above; Education in WS&F; The enrollment problem in WS&T.

BABIAK, MARIAN, Professor, Dr.h.c. RNDr. PhD, Technical University in Zvolen, T.G.Masaryka 24, 96053 Zvolen, Slovak republic (+421 45 5206 350) (Fax: +421 45 5330027) email address babiak@vsld.tuzvo.sk

Specialty: Wood Structure and Properties

Will Discuss Formally: Wood Physics and Mechanics

Will Discuss Informally: Wood – Water Relations; Rheology of Wood; Transport Processes in Wood.

BARNES, H. MICHAEL, Professor, Forest Products Laboratory, Mississippi State University, Box 9820, Mississippi State, MS 39762-9820 (662-325-3056) (FAX: 662-325-8126) email: mbarnes@cfr.msstate.edu

Specialty: Wood deterioration and preservation.

Will Discuss Formally and Informally: Wood science education; wood preservation.

Will Discuss Informally: Same as above.

BOWYER, JIM L., Professor, Department of Bio-based Products, University of Minnesota, 2004 Folwell Avenue, St. Paul, MN 55108 (612-624-4292) (FAX: 612-625-6286) email: jbowyer@umn.edu

Specialty: Environmental implications of biomaterials and bioenergy production and use.

Will Discuss Formally: Environmental aspects of forestry, timber harvest and wood use; The role of wood in the growing U.S. bio-energy industry; The Wood Science profession - Past, Present & Future; Environmental life cycle analysis; Life cycle inventory; Environmental education of children; The tropical deforestation problem. **Will Discuss Informally:** Almost anything.

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BUSH, ROBERT, Professor, Dept. of Wood Science and Forest Products, Virginia Tech, Blacksburg, VA 20461-0323 (540-231-8834) (FAX 540-231-8176) email: rbush@vt.edu

Specialty: Forest products marketing and management

Will Discuss Formally: The marketing of forest products; Strategic planning and decision-making in wood-based industries; Forest products marketing research.

Will Discuss Informally: The above topics in addition to research to help improve student recruitment in Wood Science.

Bryant, Ben S., Professor Emeritus, CEO of Appropriate Technolgoy Briquettes, Inc. (ATBI). Seattle WA, (206-522-6273) email: <u>atbi@comcast.net</u>

Specialty: Wood science and physics.

Will Discuss Formally and Informally: Above specialty.

CHEN, ZHANGJING, 506 Alleghany Street, Blacksburg, VA 24060, (540-552-8592) email: <u>chengo@vt.edu</u> Specialty: Wood drying.

Will Discuss Formally and Informally: Above specialty.

CHOW, POO, Professor of Wood Science, Department of Forestry, University of Illinois,
W-503 Turner Hall, 1102 South Goodwin, Urbana, IL 61801 (217-333-6670) (FAX: 217-244-3219)
email: p-chow@unic.edu
Specialty: Physical, mechanical and chemical properties of wood-based materials.

Will Discuss Formally: Hardwood composites; Durability of wood for structural uses.

Will Discuss Informally: Durability of wood-base materials; Utilization of non-wood plant fiber.

COOPER, PAUL, Professor, Forestry Department, University of Toronto, 33 Willcocks Street, Toronto, Ontario, CANADA M5S 3B3

email: p.cooper@utoronto.ca

Specialty: Wood deterioration and protection.

Will Discuss Formally: Interaction with chemicals with the wood cell wall; CCA and Copper amine fixation; Environmental impacts of treated wood over the full life cycle; Recycling/reuse of treated wood.

Will Discuss Informally: Collaborative research; Graduate student recruitment; Teaching methods.

CUTTER, BRUCE, Professor, University of Missouri, 203 A-BNR, Columbia, MO 65211 (573-882-2744) (FAX: 573-882-1977) email: cutterb@missouri.edu

Specialty: Tree growth, wood quality.

Will Discuss Formally: General tree growth; Wood quality; Agroforestry; Fuel loading in oak-hickory forests. **Will Discuss Informally:** Eastern red cedar as a biogeochemical monitor; General tree growth; Wood quality; Behavior of wood in fire situations; fire behavior.

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DeBONIS, A. L., President, Wood Advisory Services, Inc., P.O. Box 1322, Millbrook, NY 12545 (914-677-3091) (FAX: 914-677-6547)

Specialty: Wood engineering.

Will Discuss Formally and Informally: Design properties of lumber; Grading of structural lumber (visual and/or MSR); Reliability-based design; The role of consultants in the forest products field; Heavy timbers in residential and commercial construction; Hardwood structural lumber.

Elder, Thomas, Research Forest Products Technologist, USDA-Forest Service, Southern Research Station, 2500, Shreveport Highway, Pineville, Louisiana, 71360 (318-473-7008) (Fax: 318-473-7246) email: telder@fs.fed.us

Specialty: Wood chemistry.

Will Discuss Formally: Atomic force microscopy of wood and fiber surfaces; time-domain NMR of wood; fiber modification.

Will Discuss Informally: Molecular modeling of the chemical constituents of wood.

FLYNN, KEVIN, University of California Forest Products Lab., 1301 South 46th Street, Richmond, CA 94804 (510-215-4242) (FAX: 510-215-4299) email: <u>kevin.flynn@ucop.edu</u> **Specialty:** Wood performance; Problem analysis.

Will Discuss Formally: Durability; Degradation; Protection.

Will Discuss Informally: Any related issues.

FUNCK, JAMES W., Associate Professor, Oregon State University, Forest Products Department, 134 Richardson Hall, Corvallis, OR 97331-5751 (541-737-4207) (FAX: 541-737-3385) email: Jim.Funck@orst.edu

Specialty: Optical and dielectric scanning for surface defects and roughness; Process modeling and simulation (lumber and plywood); Process control.

Will Discuss Formally: Above listed specialties.

Will Discuss Informally: Above listed specialties; Education - graduate and undergraduate.

GARDNER, DOUGLAS J., University of Maine, Advanced Engineered Wood Composites Center, Department of Forest Management, 231 AEWC Building, Orono, ME 04469 (207581-2846) (FAX: 207-581-2074)
email: doug_gardner@umenfa.maine.edu
Specialty: Wood adhesion; Wood composites.
Will Discuss Formally: Wood adhesion; Wood surface chemistry; Wood/plastic Composites; Wood Science Education.
Will Discuss Informally: Anything.

GARTNER, BARBARA, Professor, Oregon State University, Dept. of Wood Science and Engineering, 118 Richardson Hall, Corvallis, OR 97331 (541-737-4213) (FAX: 541-737-3385)

email: Barbara.Gartner@oregonstate.edu

Specialty: Wood quality/silviculture interactions; Tree physiology.

Will Discuss Formally: Effects of tree biology on wood quality; Tree water relations and biomechanics as related to xylem structure.

Will Discuss Informally: Dual-career, women and family issues in grad school and academics.

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GLASSER, WOLFGANG G., Professor of Wood Chemistry, Virginia Polytechnic Institute and State University, Department of Wood Science & Forest Products, 210 Cheatham Hall, Blacksburg, VA 24061 (540-231-4403) (FAX: 540-231-7664) email: wglasser@vt.edu **Specialty:** Polymer and materials science aspects of forest products; Biobased materials from wood; Steam explosion.

Will Discuss Formally: Structure--property relationships of cellulose, xylan and lignin and their derivatives; Cellulosic thermoplastic polymers and composites; Lignin chemistry. **Will Discuss Informally:** The Carbohydrate Economy: Technical, economic social .

GREEN, DAVID W., Engineer, Forest Products Laboratory, One Gifford Pinchot Drive, Madison, WI 53726 (608-271-9261) (FAX: 608-231-9592) email: dwgreen@fs.fed.us **Specialty:** Engineering properties of wood.

Will Discuss Formally: In-grade testing of lumber; Effect of moisture content on lumber properties; Engineering properties of wood research at the U.S. FPL; Structural properties of hardwoods. **Will Discuss Informally:** Almost anything; The research environment -industry vs.

university vs. government.

GUPTA, RAKESH., Oregon State University, Department of Wood Science & Engineering, 114 RH, Corvallis, OR 97331 (541-737-4223) (FAX: 541-737-3305)
email: rakesh.gupta@oregonstate.edu
Specialty: Wood engineering/Mechanics; Mechanical properties/behavior of wood.
Will Discuss Formally: Above listed specialities.
Will Discuss Informally: Above listed specialities.

HAMMETT, A.L., Associate Professor, Dept. of Wood Science & Forest Products, Virginia Polytechnic and State University, 210 Cheatham Hall, Blacksburg, VA 24061-0323

(540-231-2716) (FAX: 540-231-8176) email: himal@vt.eduSpecialty: Forest products marketing.Will Discuss Formally: International issues related to forestry and forest products.

JELLISON, JODY, Professor of Biology, University of Maine, 313 Hitchner Hall, Orono, ME 04469 (207-581-2995) email: jellison@umit.maine.edu
Specialty: Biodegradation of wood; Fungal metabolism.
Will Discuss Formally: Biological degradation of wood.
Will Discuss Informally: Interdisciplinary studies.

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KAMKE, FREDERICK A., JELD-WEN Professor of Wood-Based Composite Science, Dept. Wood Science and Engineering, Oregon State University, 104 Richardson Hall (541-737-8422)(FAX: 541-737-3385) email:fred.kamke@oregonstate.edu

Specialty: Wood-based and composites.

Will Discuss Formally: Heat and mass transfer during hot-pressing; adhesive penetration and distribution. **Will Discuss Informally:** Composite processing and performance.

(Newly added) Kasal, Bo, Professor and Hankin Chair, Department of Civil and Environmental Engineering, Department of Architectural Engineering, Director of Research, Pennsylvania Housing Research Center, 219 Sackett Building, University Park, PA 16802 (814 865 2341) (Fax: 814 863 7304) email: <u>buk13@psu.edu</u> Specialty: Residential construction; Wood engineering.

Will Discuss Formally: Residential structures in natural disasters; in-situ evaluation of historic wood buildings; performance of laminated wood frames in earthquakes.

KIM, MOON J., Department of Forest Products, Mississippi State University, Mississippi State, MS 39762-9820 (662-325-3109) (FAX: 662-325-8126)
email: <u>mkim@cfr.msstate.edu</u>
Specialty: Wood Adhesives; UF resins; PF resins, PRF resins.
Will Discuss Formally and Informally: Above specialty.

KODZI Jr, EMMANUEL T., PhD. CANDIDATE, PURDUE UNIVERSITY, 175 MARSTELLAR ST., WEST LAFAYETTE, IN 47907 (765-496-6127) (Fax: 765-496-1344) email: ekodzi@purdue.edu
Specialty: MASS CUSTOMIZATION IN FURNITURE MANUFACTURING COMPANIES.
Will Discuss Formally: Linkages between Mass Customization and Competitiveness.
Will Discuss Informally: Critical Enablers of Mass Customization for Wooden Furniture Manufacturing Scenarios.

LITTLE, ROBERT L., SII Dry Kilns, P.O. Drawer I, Lexington, NC 27293-9383 (336-357-7146) (FAX: 336-357-2267) Specialty: Drying of hardwood lumber. **Will Discuss Formally:** Automated control of hardwood dry kilns, Control of corrosion in dry kiln buildings, General drying practices for hardwood lumber, and Kiln design considerations. **Will Discuss Informally:** General wood technology.

LOFERSKI, JOSEPH R., Associate Professor, Virginia Polytechnic Institute and State University, Department of Wood Science and Forest Products, Brooks Forest Products Center, Blacksburg, VA 24061-0503 (540-231-4405) (FAX: 540-231-8868)

Specialty: Wood engineering, Design of wood structures, Long-term performance of buildings, Historic buildings

Will Discuss Formally or Informally: Preservation of historic wood structures; Long-term performance of wood structures; Building systems; Deterioration of wood building materials.

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MATER, JEAN Dr., Vice President, Forest Products Marketing Division, Mater Engineering, 101 SW Western Blvd., Corvallis, OR 97333 (541-753-7335) (FAX 541-752-2952) email: Mater@mater.com

Specialty: Marketing forest industry policies; Forestry relations to public; Forest industry trends; Coordination of marketing and production; Forest industry and environment; Certification problems and opportunities.

Will Discuss Formally: All of the above.

Will Discuss Informally: Role of women in forest industry; Changing role of NIPFs.

McLAIN, THOMAS E., Professor and Department Head, Department of Wood Science & Engineering, Oregon State University, 119 Richardson Hall, Corvallis, OR 97331-5751 (541-737-4224);

<u>http://woodscience.oregonstate.edu</u> (FAX: 541-737-3385) email: Thomas.McLain@oregonstate.edu
 Specialty: Role of wood in a global economy; SWST Accreditation Standards; strategic planning for forest products/wood science programs; academic, extension and research program administration challenges.
 Will Discuss Formally: Recruiting students into WST programs; Introductory courses in FP/WST; SWST Accreditation Standards; The changing roles of wood in modern society; Integrating extension into a research and teaching program; Pacific Northwest forest conflicts.

Will Discuss Informally: Above topics and most anything else.

MORRELL, JEFFREY J., Professor, Department of Forest Products, 230 Richardson Hall, Oregon State University, Corvallis, OR 97331-5751 (541-7737-4222) (FAX: 541-737-3385) email: Jeff.Morrell@oregonestate.edu

Specialty: Wood microbiology; Biodeterioration; Preservation.

Will Discuss Formally: Remedial control of decay in wood structures; Proper use of wood in adverse environments; OSU's cooperative pole research program.

Will Discuss Informally: Biodeterioration and biological interactions; Treatability of refractory wood species.

No, Byung Young, PhD, Resin Chemist, Hexion Specialty Chemicals, Inc. R&D lab, 610 south 2nd street, Springfield, OR 97477 (541-741-6663) (Fax: 541-747-3868) email: Byung.YoungNo@hexionchem.com **Specialty:** UF and MUF resins for wood-based composite.

Will Discuss Formally: Hydrolysis resistant UF and MUF resins for particleboard and medium-density fiberboard.

Will Discuss Informally: UF and MUF resins for wood-based composites.

O'HALLORAN, MICHAEL R., President, Western Wood Products Association, 522 SW 5th Street,

Suite 500, Portland, OR 97204-2122 (503-224-3930) email: mohalloran@wwpa.org

Specialty: Wood engineering, mechanics, wood structures, codes, standards, research management.

Will Discuss Formally: Structural panel industry (Plywood, OSB, waferboard) status, markets, uses, standards, engineering design, LRFD design; Glued laminated timber; Structural composite lumber.

Will Discuss Informally: Trade associations; Structural panel topics; International markets; above topics.

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PATTERSON, DAVID W., Research Professor, Forest Products Utilization, Arkansas Forest Resources Center, P.O. Box 3468, Monticello, AR 71656 (870-460-1652)
(FAX 870-460-1092) email: pattersond@uamont.edu
Specialty: Tree weights, Bulk Density, Small Log Utilization
Will Discuss Formally: Bulk Density Studies, Weight Scaling Factors, Inside Out Beams, Open Web Beams, Tree Growth and Wood Quality
Will Discuss Informally: Trip to Russia, 3 Trips to Guinea in West Africa, Old War Stories

RICE, WILLIAM W., Professor of Wood Science and Technology (retired), 137 Pine Street, Amherst, MA 01002 (413-549-0795) (FAX: 413-549-8010) email: wrice@forwild.umass.edu **Specialty:** Wood drying; Wood machining.

Will Discuss Formally: Quality control - log to rough mill; Predriers, kiln equipment and operation. **Will Discuss Informally:** Wood technology program; Extension activities;

New England Kiln Drying Association.

ROSS, ROBERT J., Supervisory Research Engineer, Forest Products Laboratory, One Gifford Pinchot Drive, Madison, WI 53726 (608-231-9221) (FAX: 608-231-9592) email: rjross@fs.fed.us
Specialty: Wood engineering, nondestructive testing, structural composite
Will Discuss Formally: Nondestructive testing; Structural composites; Wood engineering.
Will Discuss Informally: Vitality of SWST and wood engineering; Educating wood engineers for the industry.

SHALER, STEPHEN, Professor, University of Maine, 5755 Nutting Hall, Orono, ME 04469-5755 (207-581-2886) (FAX: 207-581-2875) email: Steve.Shaler@umit.maine.edu
Specialty: Wood mechanics and composites.
Will Discuss Formally: Wood fiber properties; Computer and imaging applications;

Experimental mechanics. Will Discuss Informally: Hybrid wood composites.

SHI, SHELDON QIANG, Assistant Professor, Box 9820, Mississippi State, MS 39762-9820 (662-325-3110) (FAX: 662-325-8126) email: <u>sshi@cfr.msstate.edu</u>

Specialty: Wood (Wood-plastics) composites, wood adhesion, moisture related properties of wood and wood composites.

Will Discuss Formally: Recycling of polymer fluff in wood composites; Contact angle determination of particles.

Will Discuss Informally: Moisture related properties of wood composites; Student recruitment issue.

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SMITH, BOB, Associate Professor/Extension Specialist, Virginia Tech, 1650 Ramble Road,
Mailcode 0503, Blacksburg, VA 24061 (540-231-5876) (FAX 540-231-8868) email: rsmith4@vt.edu
Specialty: Forest products marketing; Professional sales in the forest products industry;
Markets for wood in the U.S. infrastructure; Markets and perceptions of timber by engineers.
Will Discuss Formally: Marketing forest production; Perceptions of wood in the U.S.
infrastructure; Educational needs in the forest products industry.
Will Discuss Informally: Timber bridges; Wood science and forest products at VPI;
The Center for Forest Products Marketing and Management.

SMITH, W. RAMSAY, Global Research Manager, Arch Wood Protection, Inc., 3941 Bonsal Road, Conley, GA 30288 (404-362-3970) (FAX: 404-363-8585) email: <u>wrsmith@archchemicals.com</u>

Specialty: International trade in forest products; Hardwood exports; Wood quality influences on product acceptance in foreign markets.

Will Discuss Informally: Graduate programs in wood science and in international trade; Views of the future of the forest products industry; other topics as desired.

SMULSKI, STEPHEN, Ph.D., President, Wood Science Specialists, Inc., 453 Wendell Rd., Shutesbury, MA 01072 (413-259-1661) (FAX: 413-259-1610) email: woodsci@crocker.com **Specialty:** In-service performance of wood and wood-base products in residential, commercial and industrial construction; Preventing degradation of wood in service.

Will Discuss Formally: Moisture problems and durability of wood-frame houses; Forensic application of wood science and technology

Will Discuss Informally: Consulting opportunities in wood science and technology; Career opportunities in wood science and technology.

TANG, R. C., Professor, School of Forestry, Auburn University, Auburn, AL 36849-5418 (334-844-1088) (FAX: 334-844-4221) email: tang@forestry.auburn.eduSpecialty: Mechanics and physics of wood and wood composites.

Will Discuss Formally: Long-term performance of wood composite structures; Creep models of wood composites under various environmental conditions; Elastic behavior of wood fibers; Dimensional stability and engineering reliability of wood composite structures; Duration of load behavior of lumber under changing environments; Effect of flake-cutting pattern and resin content on the mechanical and physical properties of flakeboard.

Will Discuss Informally: Undergraduate and graduate programs in forest products and wood science at Auburn; Mathematical models and simulation in forest and wood science.

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TEKLEYOHANNES, Anteneh Tesfaye, University of British Columbia, Dept. of Wood Science,

2424 Main Mall, Vancouver, BC, CANADA V6T 1Z4 (604-822-8203) (FAX: 604-822-9195) email: anteneht@interchange.ubc.ca

Specialty: Wood products engineering--basic wood processing, Sawmilling; Drying and preservation; Composite materials and furniture.

Will Discuss Formally: Environmental aspects of wood products; Sawmilling; hydrothermal treatment of wood; and wood composite materials technology.

VLOSKY, RICHARD P., Ph.D., FIWSc., Director, Louisiana Forest Products Development Center and Professor, Forest Products Marketing School of Renewable Natural Resources, Louisiana State University Agricultural Center, Baton Rouge, LA 70803. Phone: (225) 578-4527; Fax: (225) 578-4251; Cell: (225) 223-1931;Email: vlosky@lsu.edu; URL: www.rnr.lsu.edu/lfpdc

Specialty: Marketing; Forest Sector-Based Economic development.

Will Discuss Formally: Marketing Principles, Domestic and international wood products marketing and business development; Technology applications to improve business competitiveness; eBusiness, eCommerce; Marketing applications to economic development; Environmental certification and marketing; Value-added product opportunities.

WANG, XIPING, USDA Forest Service, Forest Products Laboratory, 1 Gifford Pinchot Drive,
Madison, WI 53726-2398 (608-231-9461) (FAX: 608-231-9508) email: xwang@fs.fed.us
Specialty: Nondestructive evaluation (NDE) of wood; NDE of wood structural members/systems;
Wood drying.

Will Discuss Formally: NDE of trees, logs, lumber; NDE of structural members/systems. **Will Discuss Informally:** Dry kiln control.

WIEDENBECK, JANICE K., Project Leader, USDA Forest Service, Northeastern Forest Experiment Station, 241 Mercer Springs Road, Princeton, WV 24740 (304-431-2708) (FAX: 304-431-2772) email: jwiedenbeck@fs.fed.us **Specialty:** Secondary wood products processing; Manufacturing system simulation modeling; Production control.

Will Discuss Formally: Research pursuits and accomplishments of Princeton WV's work unit "Improved Processing Technology for Hardwoods" including gang-rip-first research and application programs; Rough mill simulation models; Yield improvement research; New hardwood lumber processing systems and technologies, etc.

WINANDY, JERROLD, Project Leader-Engineered composites. USDA Forest Service, Forest Products Laboratory, One Gifford Pinchot Dr., Madison, WI 53726-2398 (608-231-9316) (FAX: 608-231-9582) email: jwinandy@wisc.edu

Specialty: Engineered wood composites; Durability; Composites as tool for sustainable forestry.Will Discuss Formally: Composites; Preservation; Property effects; Enhancing durability.Will Discuss Informally: Standards; Codes; Physical/mechanical properties.

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Wolcott, Michael P., Professor, Wood Materials and Engineering Lab, Civil and Environmental Engineering, Washington State University, Pullman, WA 99164-1806 (509.335.6392) (Fax: 509.335.5077)

Specialty: Wood-based composite materials; viscoelasticity; adhesion.

Will discuss formally: Composites design, manufacture, and application; Bioproducts and Nanotechnolgy in the wood industry.

Will discuss informally: Commercial developments; Building products trends; Adhesion.

Yadama, Vikram, Asst. Professor, Wood Materials and Engineering Lab, Civil and Environmental Engineering, Washington State University, Pullman, WA 99164-1806 (509.335.6261) (Fax: 509.335.5077), vyadama@wsu.edu
Specialty: Wood-based composite materials; viscoelasticity; adhesion.
Will discuss formally: Wood engineering and design, composites and their applications.
Will discuss informally: Building developments and construction technology.

YAN, NING., AssistantProfessor, University of Toronto, Faculty of Forestry, 33 Wilcocks St., Toronto, Ontario CANADA M5S 3B3 (416-946-8070) (FAX: 416-978-3834)
email: ning.yan@utoronto.ca
Specialty: Material science.
Will Discuss Formally: Wood composites performance; Adhesive-wood interactions; Wood/natural fiber plastic composites; Pulp and paper.

Will Discuss Informally: Durability and weathering of forest products.

ZERBE, JOHN I., 3310 Heatherdell Lane, Madison, WI 53713 (608-274-0714) **Specialty:** Wood as a source of energy and petrochemical substitutes; Use of wood to combat global climate change.

Will Discuss Formally: Conversion of wood to improved fuels; Wood as a raw material for alcohol production; Reduction of atmospheric carbon dioxide through wood utilization by

conservation, sequestration and substitution.

Will Discuss Informally: History of the forest resource as a source of fuel; Current thinking on wood as a source of energy; Impact of energy usage on the future of our economy; Impacts of atmospheric carbon dioxide increase.

Zhang, Jilei, Associate Professor, Forest Products Laboratory, Mississippi State University, Box 9820, Mississippi State, MS 39762 (662-325-9413)

(FAX: 662-325-8126) email: jzhang@cfr.msstate.edu

Specialty: Furniture engineering.

Will Discuss Formally: Strength design of furniture; furniture performance tests and standards; evaluation of wood and wood composites as furniture stock; computer-aided to furniture design and structural analysis. **Will Discuss Informally:** Computer-aided to furniture design, analysis, and manufacture; furniture package design and testing; nondestructive evaluation of furniture structural performance.

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Sunday Annual Meeting Minutes June 25, 2006 Newport Beach Hotel Newport Beach, California

8:30 – 11:30 am **Session I**: The effect of decay on the performance of wood buildings under earthquake loading and how we might improve performance (Newport Coast Ballroom-Salon 4)

Session II: The Role of Utilization Research in Hazardous Fuels Reduction (Newport Coast Ballroom-Salon 5)

11:30 – 1:00 pm Awards, Business Meeting, Luncheon (Grand Pacific Ballroom, Salons ABC)

About 80 people attended the Annual Business Meeting. Awards presented:

George Marra Awards

1st Place: Sigurdur Ormarsson and Dave Cown, "Moisture-related distortion of timber boards of radiate pine: Comparison with Norway spruce", in 37(3).

2nd Place: Kathy L. Woo, Paul Watson, and Shawn D. Mansfield, "The effects of mountain pine beetle attack on lodgepole pine wood morphology and chemistry: Implications for wood and fiber quality", in 37(1).

Honorable Mention: Mohammed Jahangir A. Chowdhury and Philip Humphrey, "A sealed pressing system and its use to explore the ammonia plasticization of natural fiber mats" 37(1). Honorable Mention: Mohssine Moutee, Mario Fafard, Yves Fortin, Aziz Laghdir, "Modeling the creep behavior of wood cantilever loaded at free end during drying", 37(3).

2005-2006 Committee - Chair Elemer Lang, Steve Verrill, Chuck Ray, Tony Zhang, Exofficio: Geza Ifju and Jim Armstrong

Fellow Award - Thomas E. McLain

Distinguished Service Award



Dr. Duane E. Lyon, Professor Emeritus 111 Grand Ridge Road Starkville, MS 39759 PH: 662-324-1426 E-mail: <u>dlyon@up.net</u>

PERSONAL

Born in Muskegon Michigan Married to Diana Have two children and three grandchildren

EDUCATION

- A.S., Grand Rapids Junior College
- B.S., University of Michigan, Wood Technology
- M.S., University of Michigan, Wood Science
- Ph.D., University of California-Berkeley, Wood Science and Technology with a minor in Civil Engineering

PROFESSIONAL EXPERIENCE

- 1980-2005: Wood Science and Technology Consultant
- 1985-1998: Professor, Mississippi State University
- 1988: Visiting Professor, MOI University, Kenya
- 1980: Visiting Scientist, U.S. Forest Products Laboratory
- 1978-1985: Associate Professor, Mississippi State University
- 1973-1978: Assistant Professor, Mississippi State University
- 1966-1973: Assistant Specialist, University of California Forest Products Laboratory
- 1963-1966: Junior Wood Technologist, Washington State University
- 1962: Quality Control, Herman Miller Furniture Company
- 1961: Quality Control, Stow & Davis Furniture Company

SELECTED AWARDS AND RECOGNITION

Over 250 Technical Assistance Reports for Industry

- 58 technical publications
- Chaired 19 Conferences
- Consulted for many companies and government organizations including producers and users of forest products
- International Activities have been conducted in South Korea, Taiwan, Croatia, England, Finland, Sweden, Italy, Guatemala, Kenya, and Canada

MEMBERSHIP AND OFFICES IN PROFESSIONAL SOCIETIES

- SWST: Director from 1989-1991; From 1994-1998 served as Vice President, President-elect, President, and Past President; Worked on the Past Presidents' Council and Nomination Committee; Many hours of work on Accreditation, Education, Membership and Book Review Committees
- FPS: Past Chairman of several Technical Committees and held many positions in Mid-South Section

Duane's comments will be printed in Wood and Fiber Science, Volume 38(4).

Minutes of 2005 Meeting

A motion was made, seconded and passed to accept the 2005 Annual Business Meeting minutes.

President's Remarks – Paul Smith

Thanks to the folks who really make this volunteer society run:

- First, my thanks to Vicki and the board.
- Thanks to Committee chairs and members.
- Thanks to W&FS editor (Geza Ifju), assoc. editor (Audrey Zink-Sharp), and editorial assistant (Carol Ovens) fantastic journal!
- Thanks to SWST Newsletter editor (Rado Gazo outgoing; Adam Taylor incoming).

In addition to the reworked annual meeting venue and the ongoing committee work, notable activities during the past year include the following:

An ad hoc futures committee (Paul Smith, Art Brauner, Vicki Herian, and Ramsay Smith) examined the relationship/roles of SWST/FPS and the challenges facing our profession. In summary, the committee defined SWST's key roles as accrediting undergraduate programs and promoting a wood research agenda (with funding).

The accreditation committee (Bob Bush – Chair) continues its key role within the society and is currently engaging our wood science & technology programs as they endeavor to provide relevant education in today's ever-changing, highly competitive workplace.

A major thrust of the society over the past year has addressed the research agenda through the following activities:

- 1. **Research Initiatives Committee** (and BLOG) Mike Wolcott Chair established to:
 - a. Liaison for the wood research community to relevant Federal funding agencies
 - b. Communicate funding issues/opportunities (RIC BLOG)
 - c. Examine more effective lobbying mechanisms for a wood research agenda
 - d. Explore wood research funding beyond USDA/NRI
 - e. Provide leadership to develop research priorities
- 2. *AF&PA's Chief Technology Officer* (*CTO*) membership/participation and work on relevant platforms:
 - a. Nanotechnology Ted Wegner and Tim Rials
 - b. Technologically Advanced Workforce Earl Kline
 - c. Wood & Wood Composites Tim Rials and Mike Wolcott
- National Association of University Forest Resources Programs (NAUFRP) – National summit to define the future of forest research – January, 2006 – Tom McLain, Doug Gardner, Paul Smith. Outcome = 5 major emergent themes + 2 additional themes – incl. "New Applications for Forests and Products" – green business models, and new technologies (alternative fibers, bio-energy/bioremediation) to transform the wood products industry.

Other noteworthy SWST activities over the past year:

- CORRIM Special (additional) dedicated issue of W&FS Dec. 2005. And, the Policy & Critical Issues Committee (Bill Boehner – Chair) is working with Bruce Lippke on an SWST Position Paper.
- 2. "Outline of Major Funding Programs for Wood Research in Canada" by Tony Zhang.
- 3. Revamped SWST webpage (Vicki Herian and Beth Smith)

Thank you all for making this an enjoyable and memorable year. I look forward to this coming year as past president and to handing over the reigns to Doug Gardner.

Executive Director's Report – Vicki Herian

Current Members as of June 1, 2006

Members as of June 1, 2005

Full members	281	Full Members	292
Student member Retired member Affiliate Member	s 46	Student members 56 Retired members 45 Affiliate Member <u>4</u>	
TOTAL	387	397	
USA members Canada member Mexico member Overseas memb	s 3		
Subscribers as of Jur	ne 1, 2006	Subscribers as of June 1, 2005	
Subscribers	210	Subscribers 224	
USA 95 Canada 1 Overseas 10	3		

Delinquent Members

Delinquent members as of 6/1/06 for 2006 dues – 57 total (31 full, 24 student, 2 retired)

Delinquent subscribers for 2006 as of 6/1/06 –38 total (14 US, 24 foreign) Compared to delinquent members as of June 1, 2005 – 42 total (22 full, 17 student, 3 retired)

Compared to delinquent subscribers as of June 1, 2005 - 33 (12 US, 21 foreign)

Vanguard Accounts

The Vanguard accounts were opened on February 3, 1998. The balance is \$56,524.05 on March 31, 2006 (the date of the last statement). The Student poster money was invested in November 1998 with an initial balance of \$4,750.00. The current balance (as of 3/31/06) in that account is \$13,873.34.

Checking Account

The balance in the checking account as of June 1, 2006 is \$162,531.50.

Student Poster Competition Fund

Contributors are: APA-The Engineered Wood Association, Asian Woods Inc., Balazs Zombori, California Cedar Products, Forintek Canada Corporation, Iowa State University, Louisiana Forest Products Development Center, Mississippi State University, North Carolina State University, Oregon State University, Pennsylvania State University, Virginia Tech, University of British Columbia, University of Idaho, Washington State University, and Willamette Industries, Inc.

There are 15 participants in the 2006 Competition.

Miscellaneous

The CORRIM issue of the journal has been published as December 2005 issue. CORRIM has paid all the printing and mailing costs. I have received several requests for additional copies of this valuable report.

All web pages have been updated as of June 2006.

The Committee Handbook for 2005-2006 has been amended with new charges and other additions/corrections. This was emailed to all committee chairs and the board. It is also available on the web.

We have now been with our publisher, The Sheridan Press, for a year now. The service and quality are outstanding. We have saved over \$2000 in printing, mailing, and storage costs from our previous publisher already.

The following page charges are still due: 36(1) Chonbuk National University \$1080; 36(2) Universitat fur Bodenkultur, \$921; 37(3) Institute fur Werkstoffe in Bauwesen, \$1660; 37(4) Paprican \$1902; 38(1) STFI \$2509; 38(2) Forest Service Southern Station \$1669, University of Milwaukee \$1489, Mississippi State University \$1239.

You will notice a new cover for Wood and Fiber Science starting with the 38(1) issue in January 2006.

Paul Smith and/or I have attended several meetings of the Agenda 2020 Chief Technical Officers Committee

Tim Rials will be attending the June meeting this year. We continue to stay aware of the activities of this group and input where we can.

I had Past President nametags made up for all of our Past Presidents, based on suggestions from some of them at last year's meeting, after they saw our nametags.

We have our SWST promotional merchandise for sale – Polo shirt, Long-sleeve denim shirt, Short-sleeve denim shirt, Portfolio, Deluxe Briefcase, and Lapel pin. An order form is included in your packets.

I have sold 5 copies of the book "Characterization of the Cellulosic Cell Wall" at \$100 each. This is clear profit for us. Please contact me if you would like to purchase one.

Auditor's Report – Cherilyn Hatfield

At your request, I reviewed the SWST bank statements for the period June 1, 2005 through May 31, 2006. Checks, deposits, VISA and Master Card 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, 2006 checkbook balance of \$162,531.50 corresponds with the checking balance on the May 31, 2006 balance sheet.

The \$56,524.05 total investment in the Vanguard accounts on the balance sheet also matches the totals on the most recent Vanguard statements (3/31/06).

Budget

FISCAL STATUS DECEMBER 31, 2005 BALANCE SHEET

Total Assets	\$20	3,200.85
Total Liabilities	\$	708.19
Total Equity	\$20	2,492.66
Total Equity & Liabilities	\$20	3,200.85

INCOME STATEMENT

	<u>2005 Budget</u>	<u>Actual 2005</u>
Total Income	\$141,335.00	\$170,905.36
Total Expenses	\$139,873.00	\$135,999.25

2007 SWST Budget

<u>Category</u>	Income	Expenses	<u>Net</u>
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W&FS Dues	\$122,500 \$23,350	\$ 84,475	\$38,025 \$23,350
Interest	\$	600	\$ 600
Member Services	\$ 17,000	\$ 33,450	\$(16,450)
Admin Services		\$ 17,750	\$(17,750)
Salary & Taxes		\$ 12,452	\$(12,452)
TOTAL	\$163,450	\$148,127	\$ 15,323

Wood and Fiber Science – Geza Ifju

Manuscripts in the Process

Volume 38			
No. o	f Tech. paper	s Total pages	Technical pages
January, 2006	18	188	182
April, 2006	17	188	187
July, 2006 (in press)	17	188	186
Grand Total:	52	564	555
Under Review	34		
With authors (revision) 23		
Accepted (in press)	18		
Withdrawn	5		
Rejected	2		
New in Editor's office	7		
Total:	89 (b	eyond the July issue	e)

It appears that Volume 38 will be one of the largest in terms of both total number of pages and page charge paying technical articles. Although the October issue will have the index, the awards, the Distinguished Serviced Award recipient's comments, and other non-paying pages, I expect at least 150 pages of technical articles in the last issue of Volume 38, or a total of about 700 paying pages (about \$77,000 revenue). As the Board might recall, the goal for this year has been to publish 600+ pages of technical articles and the Society's budget was based on that expectation.

In general, W&FS receives very good and high-quality manuscripts. We have a very healthy mixture of topics including those in engineering, mechanics, chemistry, processing, theoretical modeling, wood quality, marketing, manufacturing and even in the area of psychological effects of wood products. There are a few topics that do not appear to fit in the area of "wood science"

but they do contribute to the overall versatility of interest of the readership. However, some are so far out of the general interest that we have to reject them. We still have some problems with papers submitted by non-English speaking authors; some so bad I have to reject them for their writing style and grammar. So far during my tenure as Editor, the journal has had an Editorial in every issue. My question to the Board is: do we have to have an Editorial in every issue?

I understand, the Board discussed the possibility of making W&FS a bi-monthly journal, and publish 6 instead of 4 issues per year. You must realize that on the basis of the number of manuscripts processed in recent years, we might be able to add about 100-150 pages per year but, at the same time, the mailing costs would go up. In addition, the logistics of sending to the printer manuscripts and other material every other month appears to be beyond the capacity of the present staffing and editorial setup. Although we have a very good flow of new manuscripts at this time, we must also remember that in the past we have had periods with some problems of being able to fill even the four issues per volume. If that happens again for one reason or another, should we then scale back to 4 issues per year again?

The Board should also realize that we publish W&FS on a shoestring. The Forest Products Journal publishing 10 issues per year has a full-time editorial staff; we publish W&FS partly on a voluntary basis and with part-time staff including Carol and part of Vicki's time. Yes, there is some backlog at this time, but looking at the above table, and at similar tables I submitted to the Board, we usually have just about enough papers accepted at the time one issue is printed for filling the next issue. In my judgment, there is no real reason why we could not add some more pages to each issue beyond the 188/issue we have published so far this year. We will have to discuss this with Carol and the printing company.

The Board at its Spring meeting also discussed the possibility of regular, perhaps automated, reminders sent to reviewers who do not send their reviews back in time, and if they still do not do the reviews, send the manuscript to others. Dr. Zink-Sharp and I are working on installing an automatic reminder system to the data base which should make my job easier, and would accomplish at least part of the recommendation. While the suggestion to take procrastinators off particular manuscripts looks efficient, it will also get those procrastinators off the hook encouraging them not to do the job in the future. "If I don't do it somebody else will". I have roughly 300 potential reviewers on in my data bank. Of those less than 100 are prompt in their responses to my requests. Another 100 will do the job if we bug them repeatedly. The rest are hopeless. If we end up sending all manuscripts to the "good" ones, they will be overloaded. And I do not want to send more than one manuscript per year to anybody.

Another topic discussed by the Board during its Spring meeting was whether or not we should move to all electronic publishing. This should be entirely in the hands of the Publication Policy Committee and the decision should be made by the Board. It would not affect significantly the role and work of the Editor. The question was also raised whether or not there should be a page charge reduction. I see no reason for that. We receive plenty of good manuscripts with the current page charges. I agree with the notion that subscription fees for our journal are low. The Board might wish to discuss the possibility of raising the subscription charges. The issue of a double-blind review process was also brought up during the last Board meeting. I had been instructed not to send out editable electronic forms of the manuscripts to reviewers. At the present time, manuscripts are sent to reviewers in the PDF form and right now I have no skills of how to edit PDF files which would be needed if I wanted to remove the names of the authors. The question also came up during the last Board meeting regarding the creation of a review board. With the already limited number of good reviewers, creation such a board, or perhaps boards each in specific areas, would further reduce the

number of available regular reviewers.

As of June 30, 2006, I will have completed my 5-th year as editor of Wood and Fiber Science. I am certainly planning to complete the second 3-year appointment ending June 30, 2007 and perhaps longer on an annual reappointment basis if Dr. Audrey Zink-Sharp, the Associate Editor, cannot succeed me as Editor by July 1, 2007. She already has access to the W&FS database maintained at Virginia Tech and when I am out of town she handles the regular routine work efficiently. Publication of her e-mail address in the inside front cover of the journal since the 2005 October issue has worked well when I have an "out of office" message on my e-mail which occurs regularly these days due to my extensive travels. Occasionally, I am out of town for as long as 3 weeks and more than 12 weeks a year.

Committee Reports

a. **Accreditation** – printed in May-June Newsletter We currently do not have a 2006 Committee report because we are wrestling with several issues related to how SWST accreditation should be enhanced over the next few years. SWST needs to consider the following:

(1) Should SWST offer accreditation to Canadian undergraduate wood science programs?

(2) Should SWST accredit minors in wood science? If so, what should be the standards?

(3) How should SWST respond to the changing/expanding scope of previously accredited programs? A good example of this expanding scope (and one with which we will soon need to deal) is the Department of Bio-based Products at the University of Minnesota. As described in the accompanying document, this program has widened its scope from wood to bio-based products. Other programs are implementing or planning similar changes in scope.

(4) How should we accredit wood product marketing and management ("business") curricula. Several programs are responding to market pressure to include more business courses in these curricula. Given capped and even decreasing maximums for total credit hours, additional courses in business areas necessarily come at the expense of previously required courses.

The SWST Accreditation Committee will meet to discuss these issues at its June 24-25th meetings in Newport Beach CA.

b. **Education** – No report

c. **Membership** – printed in May-June Newsletter

A draft Membership Survey was prepared by Susan Anagnost and sent to the Executive Board for review at the April meeting. The survey addresses the services SWST provides for its members and the possibilities for new services to be offered. At the direction of the Executive Board it will be sent to all members in 2006. A draft student conversion letter was prepared for review and action by the Executive Board. New membership applications were processed by the Vice Chair, Crystal Pilon. The status of the new members will be presented at the Annual Meeting.

New applications processed this year:

Count of Membership type	
Membership type	Total
Affiliate	1
Formal education	14
Specialized experience	6
Student	24
Grand Total	45

d. **Newsletter** – Adam Taylor is the new Newsletter Editor. Send him info at <u>adamtaylor@utk.edu</u> Paul Smith presented a plaque to Rado Gazo for his work the past 3 years as Newsletter Editor.

e. Policy and Critical Issues - printed in May-June Newsletter

The committee members are: Bill Boehner (Chair), Chip Frazier (Vice Chair), Tom McLain, Howard Rosen, Quinglin Wu, Mike Wolcott, Paul McFarlane, Steve Shaler (Past Chair), Don Bender (SWST Board Liaison)

The committee received two tasks for 2005-2006:

- 1. Prepare an advocacy policy position paper on the CORRIM Report and the need to conserve energy by using wood.
- 2. Work with the Research Initiatives Committee to formulate a strategy and represent the Society at the National Association of University Forest Resources Programs in early January 2006.

Progress

The CORRIM position paper was written by Bruce Lippke and presented to the SWST Board at the spring meeting on April 1st. The position statement has been reviewed by two SWST members closely associated with CORRIM – Jim Wilson and Jim Bowyer. The Board requested a few changes and the document is being revised by Bruce.

The NAUFRP meeting addressed the subject of a forest-based research agenda for the 21st century: Defining Strategic Directions and Rebuilding Capacity Summit. This organization consists mostly of people concerned with land and resource management and expected outcomes were stated as:

1. Define new forest-based knowledge and science needed to advance the health of forests and the competitive position of the nation;

- 2. Define the new knowledge, skills, and qualities needed in the next generation of natural resource research scientists to address emerging new issues and to rebuild and sustain excellent forest research capacity;
- 3. Recommend an effective and progressive funding allocation model to ensure support for high priority research, and the development of the needed intellectual capacity and infrastructure.

Although 100 people were invited to attend this summit, representatives from wood science and technology programs or the forest products industry were not included. Mike Wolcott, Chair of the Research Initiatives Committee communicated the SWST position on each of the three items above to potential SWST attendees to the NAUFRP summit. The forest resources program leads were informed in order to get further support at the summit. Mike continued discussions with the NAUFRP leaders to ensure utilization topics were included in the summit. SWST members Tom McLain, Doug Gardner, and Paul Smith attended the NAUFRP meeting and presented our message. They had a small impact on the outcome which can be seen in the NAUFRP summary document at www.napfsc.org (follow the link to forest research for the 21st century).

f. Publication Policy – Robert Beauregard

Committee Members Tor Schultz (Chair), Azzeddine Oudjehane, Paul Cooper, John Phelps, Geza Ifju (WFS Editor), Rado Gazo and Adam Taylor (Newsletter Editors), Robert Beauregard (Board liaison)

The first duty of the committee was to investigate ways to raise the scientific impact of the W&FS. Some members mentioned that several university administrations were using impact indices, including ISI-Web of Knowledge, as a criterion for academic promotion. It has been noticed that the W&FS was on the radar screen of the ISI, Web of Knowledge but that it rated rather low. Audrey Zink-Sharp investigated further into how ISI was made up. She found out that ISI is a ratio made up of "the sum of cites in a given year to articles published over the two previous years" as a nominator and of "the number of articles published in the evaluated journal over the two previous years" as the denominator. In conclusion we think that bringing the W&FS journal on-line might be the best way to having more university library subscription and more ready access through searchable databases which should in turn help raising the number of citations and citation index values.

The issue of bringing the W&FS on line was the second duty of the Committee. It appeared in the course of the year, that this duty was too complex to be taken on by the Publication Committee itself. The SWST Board realized at the spring meeting that this was no minor issue; it touches the whole business model of the journal and of the Society. It was then agreed that at the June 2006 Board Meeting an Ad hoc Committee should be formed on the issue, led by the incoming Vice-President (Jerry Winandy) and the Executive Director (Vicki Herian).

The Executive Director was informed by a librarian interested in subscribing to the

W&FS that they no longer take subscriptions if there is no electronic copy available. The comment stresses the urgency to make progress on this issue. This librarian advised us that many smaller scientific organizations were using a hosting service called MetaPress to work with. Robert Beauregard got in touch with MetaPress and he asked for a proposal for Electronic content management, Hosting and Delivery of the W&FS. He was sent a proposal back. The proposal was followed to the Board members and will be discussed further. In summary, the proposal is to the effect that there would be a **one off cost of \$12,900** including: \$3500 for establishing the SWST-W&FS web shell (framework); and \$9400 to upload once all back issues. The **ongoing yearly cost would be a total of \$4140**, including: \$2880 for ongoing article management; \$300 for hosting; and \$960 for Upgrade and Maintenance of licencing. The Board decided that another proposal should be sought from another provider. The Sheridan press, the actual editor of the W&FS works with one such organization and we will seek a proposal from them for the same services.

The tasks of the Ad-Hoc Committee for On-line W&FS for the following years should be:

- 1. To get a second proposal from Sheridan partner providing web hosting and publication diffusion services;
- 2. Analyse the two proposals and make a recommendation to the Board as to which one organization should be selected to pursue any further;
- 3. Pursue further discussions with the chosen organization to get finer information such as "what is the cost and revenue to them and to us when a single paper is downloaded from the web?" "How is security and access managed for individual subscribers and for librarians?" etc.
- 4. A trial should be performed.
- 5. Members should be surveyed.
- 6. In the beginning, the electronic version of the journal should be provided in addition to the paper version as an additional service to members.
- 7. The Society should present the W&FS subscribers with the possibility to get only the electronic version, only the paper version or both.
- 8. Over a period of two to three years of offering these options, the Committee should assess the trends in subscriber's behaviour and the effect on the financial structure of publishing the journal.

The move towards e-publishing has the potential to decrease significantly the financial cost of publishing the journal and as well as increasing dramatically its scientific impact. For these reasons, the Society should not delay any further its action in bringing the W&FS journal on-line.

Beyond this very important task, the Board should decide new tasks to be assigned to the Publication Committee. Based on these new tasks, the actual chairman and members should all be contacted to verify their interest in pursuing their involvement in the Committee.

g. Research Initiatives

--The Research Initiatives Blog is ongoing and active. It can be accessed from the

SWST website.

--Agenda 2020 – Tim Rials attended the June 7 CTO meeting and will get a report to the board. Earl Kline attended the meeting on May 3 of the Technologically Advanced Workforce (TAW) Platform group.

h. Visiting Scientist Program – printed in May-June Newsletter

- In January 2005, all the potential scientists on the visiting scientist committee list were contacted by the e-mail, and 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. The e-mail was also sent to the SWST full-members list to solicit more participation within the society.
- In March 2005, the contact list for department heads/deans/directors from schools, institutes or organizations who are interested in participating in the program was updated.
- In March 2005, an e-mail to invite the participation of the interested schools, institutes and government was sent to the heads of these organizations.
- The deadline for submitting the visiting scientist travel grant is postponed to April 15th.
- In May, we received a request from Dr. Eva Haviarova (Purdue University) for travel funding to Costa Rica on 04/27—05/04, 2005. The committee approved her proposal and funded her \$950 for travel expenses.
- In July, a letter was prepared by past VSP Chair Dr. Hongmei Gu and Board Liaison Dr. Jerry Winandy, and then sent out by President Paul Smith to all SWST members to encourage them participating in SWST VSP activities through submitting applications.
- In October, the committee approved and funded the travel request from Dr. Jerry Winandy (FPL/USDA Forest Service) visiting FPL/MSU on 10/10 – 10/12, 2005. The final total claimed expense is \$478.45.
- In September, Jilei Zhang (Miss. State) starts to serve as VSP Chair, and Nicole Brown (Penn State) as VSP Vice Chair. Past Chair is Hong-Mei Gu (FPL/USDA). Other members are Sigun Wang (U. Tenn.), Barb Gartner (Oregon State), Slobodan Bradic (UBC), and Ben Dawson-Andoh (WVU). Board Liaison is Jerry Winandy (FPL/USDA).
- In October 20, President Paul Smith's letter was sent out to all SWST members, and encourages members to submit applications to VSP to advantage of the opportunity for international and national visits to exchange research and teaching ideas with colleagues.
- In December, per SWST Exec. Board request to update the Visiting Scientist eligibility list, VSP committee completed the task with updating current member information and also adding new members to the list. There are 50 members on the updated list.

Old Business

People were encouraged to utilize the Visiting Scientist Program. More people could

sign up to be a visiting scientist, and more institutions can apply for a scientist to come to their establishment. There is money set aside in the budget that is not being used. Contact Vicki Herian at the Executive Office to take advantage of this.

An announcement was made about the availability of the Cellulosic Cell Wall book. It can be ordered from the Executive Office for \$100.

Teller's Report – Vicki Herian

Vice President: Jerrold Winandy Directors: Susan Anagnost and Tony Zhang

Total Ballots received – 126

New Business

Jim Armstrong made a "Call for Technical Session Topics" for next year's meeting in Knoxville on June 10. People should contact him with ideas.

The Society is going to a double blind review process for the journal, and are moving ahead to publishing an electronic version of the journal as well as the printed one.

 1:00 – 4:00 pm
 Session III: The Aftermath of Katrina: The Wood Products Industry Response (Newport Coast Ballroom-Salon 4) Session IV: Moisture in Wood: Problem for Housing and Wood Construction (Newport Coast Ballroom-Salon 5)
 2:00 – 5:30 pm DEF)
 4:00 – 5:30 pm DEF)
 6:30 – 8:00 pm Salons ABCDEF
 SwST/FPS Host Reception (Grand Pacific Ballroom, Salons ABCDEF

Respectfully submitted

VICTORIA L. HERIAN Executive Director