

SWST Newsletter

January—February 2004

SOCIETY OF WOOD
SCIENCE AND
TECHNOLOGY

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

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Dear Readers:

Here is the first electronic copy of the Newsletter. We decided to go with the pdf format versus the html format because html newsletters are not displayed the same on all systems. I found that Outlook, Netscape and Lotus all displayed the html format differently. If you like to see something else and have comments and suggestions, let me know.

Publication Policy Committee, headed by Bob Youngs is working on redesigning the format and the cover for *Wood and Fiber Science*. In the e-mail message that accompanies this issue is a link to the SWST web page, where you can take a look and send a feedback on three different cover designs developed by Azzeddine Oudjehane.

Hope your semester is off to a good start.

Rado Gazo

SWST Snapshot

SWST Membership	Feb. 2004
Full members	298
Student members	63
Retired members	58
Affiliate members	3
Delinquent members	66
Fellows	0

Wood And Fiber Science Journal	Feb. 2004
Subscribers	256
Delinquent Subscribers	33
Number of articles in 36(1)	11

Currently in the pipeline

Ready for typesetting	22
Under revision by authors	n/a
Under review	n/a
Rejected	n/a

Financial	Feb. 2004
Cash & Bank Accounts	\$86,835
Investments	\$57,770
Liabilities	\$628

Web Page	Nov./Dec. 2004
Number of unique visitors	11,037
Number of new visitors	7,965
Gigabytes transferred	3.6
More data: http://www.swst.org/nettracker/reports/	

Important Committee Activities **Feb. 2004**

USDA NRI input: A meeting open to all interested SWST members on 3/12/04 in San Antonio, TX. Contact Vicki or Steve Shaler for details.

Student Poster Competition Award Fund Donation: Sincere thanks to Mr. Wen Pin Hou, Asian Woods Company, Alhambra, CA, for his generous contribution of \$1,000 .

George G. Marra Award Committee, Chaired by Jan Wiedenbeck, is deep in the process of reviewing papers .

News

Mississippi State University - New technology to provide critical market for forest landowners

A new demonstration plant unveiled on Dec. 12 at Mississippi State has the potential to stimulate alternative, profitable markets for small-diameter trees thinned from pine plantations. Through a partnership with TimTek Australia Ltd., scientists at the university's Forest Products Lab, Forest and Wildlife Research Center will demonstrate technologies they hope will ultimately produce commercially viable engineered wood products from three- to eight-inch diameter southern yellow pines.

Following an international search, company officials earlier selected Mississippi State as a partner because of the university's long-established and widely recognized composite wood product research program in the department of forest products. Developed in Australia by the Commonwealth Scientific Industrial Research Organization, the TimTek process forms high-strength, engineered lumber using small-diameter trees that are crushed into strands. Coated with an exterior-type adhesive and dried, the strands then are formed to desired shapes in a specialized steam-injection hot press.

Recently completed with \$1 million funding from the state Land, Water and Timber Resources Board secured by Dr. Dan Seale and Terry Sellers, the plant is located on the western edge of campus, near the intersection of Blackjack Road and Locksley Way.

During opening ceremonies, TimTek representatives and MSU President Charles Lee joined Lester Spell, state commissioner of agriculture and commerce, in emphasizing the significance of the collaboration to the state's economy. "This plant and the technology being developed here once again demonstrate Mississippi State's desire to help stimulate competitive markets for Mississippi landowners and the state's forest industry and to help create new value-added products for Mississippi manufacturers," Lee said.

Spell, observing that Mississippi has more than 18 million acres of forest land, said the partnership "will be good for our state, especially for private landowners who hold about 70 percent of the state's forest lands and are seeking new revenues for their small-diameter trees." A member of the Land, Water and Timber Resources Board, he praised TimTek for exemplifying the kind of innovative project the board supports.

Company director Walter Jarck said TimTek's product "is a unique, long-fiber structural engineered lumber with high-strength properties of select-grade sawn timber. It can be produced in lengths and cross sections greater than can be achieved from the largest logs available."

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Since the process can be incorporated into existing plants, owners of wood-processing operations have the potential to realize immediate economic benefits, Jarck added.

Further research will both determine the strength values of the product and test the product to help gain building code acceptance. Initial examinations in MSU's forest products department indicate that the engineered lumber has the potential to compete favorably with beams and timbers used in residential and commercial construction.

For more information about the facility, contact the Department of Forest Products, Dr. Liam Leightley, Head at (662) 325-4444 or llightley@cfr.msstate.edu or Dr. Dan Seale, Professor at (662-325-3072 or dseale@cfr.msstate.edu.

Louisiana State University

Richard P. Vlosky, Professor of Forest Products Marketing and Director of the Louisiana Forest Products Development Center, School of Renewable Natural Resources, Louisiana State University Agricultural Center was recently elected as Chair of the Team of Specialists on Forest Products Markets and Marketing (ToSFPMM), a subgroup of the United Nations Economic Commission for Europe/Food and Agriculture Organization of the United Nations (UNECE/FAO) Timber Committee based in Geneva, Switzerland. The ToSFPMM, represented by 27 nations including the United States and Canada, provides a horizontal forum for exchange of information on the forest products markets in the UNECE region and reports on market-related topics to the UNECE Timber Committee and the FAO European Forestry Commission. In addition, Dr. Vlosky was recently elected to the position of Research Group Leader, International Union of Forest Research Organizations (IUFRO) Forest Products Marketing Working Group 5.10.00. Dr. Vlosky will serve in this capacity until 2008. IUFRO promotes international cooperation in scientific studies embracing the field of research related to forests and trees, both tropical and temperate.

University of Idaho

At a time when enrolment in wood science and technology is lagging at some institutions, enrolment in the Forest Products Department at the University of Idaho has shown tremendous growth. As of this spring semester, the department has increased enrolment to 21 graduate students and 91 undergraduate students. Forest Products faculty and staff have worked very hard to elevate the department to this position. However, most of the credit should go to Jan Pitkin who is our department secretary and primary recruiter. Jan's success can be attributed to her excellent rapport with students and

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her persistent follow-up work with anyone who indicates an interest in the department. Jan also has a never-empty plate of fudge on her desk.

Fran Wagner
University of Idaho

Virginia Tech Quantitative Wood Anatomy Lab Established

Our present concept of wood cell wall structure originated nearly 40 years ago almost entirely through the use of a single microscope technique. Recent research is revealing significant deficiencies in that concept. The macromolecular organization is considerably more complex than previously thought and there are several levels of microstructure yet to be completely mastered. In addition, detailed information on earlywood and latewood properties is currently unavailable in public literature. In response to these crucial research needs in wood science, a Quantitative Wood Anatomy laboratory has been established at Virginia Tech for the express purposes of wood cell wall research and education.

The lab is uniquely equipped with a customized micro-testing system that can test static and cyclic tension, compression, and bending properties of wood fiber and small specimens of wood taken from earlywood or latewood regions. Among the major items of equipment in the new lab are an Amray 1810D Scanning Electron Microscope, several light microscopes, specimen preparation equipment, and a specialized wood cell image analysis system.

Research conducted in the new Quantitative Wood Anatomy Lab will focus on micro-mechanical and physical properties of wood fiber, quantitative wood anatomy, and determination of adhesion and surface properties at the microscopic level. The micro-testing system will also be used to provide information on the mechanical properties of individual growth ring regions. The latest concepts in wood anatomy and cell wall research be explored and ultimately provide a comprehensive, up-to-date representation of wood cell wall architecture that captures the full complexity and possibilities.

The lab is under the direction of Dr. Audrey Zink-Sharp, Associate Professor, who can be reached at 540.231.8853 or email at agzink@vt.edu

IUFRO

There is a new IUFRO Research Working Group 5.14.00 Forest Product Education. Paul Winistorfer is a deputy director. Cathy Chang from Tiawan is Division 5 Coordinator.

News

Virginia Tech Tackles Curriculum Changes

The Department of Wood Science and Forest Products at Virginia Tech spent the past 18 months studying and changing the undergraduate curriculum for the department. Changes have been approved at the College level and are making progress through the University system. Central to curriculum changes were several themes:

Introduction to core wood courses early in the curriculum.

Continuous flow of wood courses through the 4 year course of study to maintain constant contact with students, and allow for repetition and reinforcement of critical subjects.

Introduction of new courses in key subject/knowledge areas. Ability to raise our standards for student knowledge in critical subject areas.

Development of a 'core' curriculum for all students in the department.

Development of new or revised options that will continue to meet SWST standards, but be attractive to students and become a reflection of what they actually might do upon graduation.

Enhanced opportunities for recruitment and retention of students through the identifiable 'option tracks'.

New options are coming forth in the following areas:

Manufacturing Systems, Packaging Science, Adhesion Science, Marketing and Management, Non-timber Forest Products, Engineering and Structures.

Each option will require 15 credit hours of coursework. Many courses for each option are offered by complimentary departments on campus.

New program materials regarding the curriculum will be showing up on the VT website (www.woodscience.vt.edu) in the coming months. Please contact Dr. Paul Winistorfer, Department Head, at 540.231.8853 if you have any questions about our new curriculum.

Other

- Proceedings from 37th International Wood Composites Symposium are now available.
- Theme of SWST Annual Meeting Technical Session is: Better ways to connect: Going beyond the technical report.

Conferences

Advances in Engineered Wood Composites

April 1-2, 2004

University of Maine

Orono, ME USA

Advances in Engineered Wood Composites: New Products, Manufacturing Technologies and Design Methods, a two day seminar, will be offered at the University of Maine April 1-2, 2004. Sponsored by The Advanced Engineered Wood Composites Center at UMaine, the American Forest & Paper Association, and APA - the Engineered Wood Association. Registration fee: \$150. For more information see www.aewc.umaine.edu or 207-581-2123.

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The AEW Center
5793 AEW Bldg
University of Maine
Orono, ME 04469-5793, Ph.: 207 581 2110
roberta.laverty@umit.maine.edu, or www.aewc.umaine.edu

The 38th International Wood Composites Symposium (April 6-8, 2004)

&

Technical Workshop (April 5, 2004)

Washington State University, Pullman, WA, USA

Dr. Lynn O. Michaelis (Ph.D.), Director, Markets and Economic Research, Weyerhaeuser Company, will deliver the keynote address on global economy and its implications on the forest products industry.

Visit www.woodsymposium.wsu.edu for Dr. Michaelis's bio, information on the Symposium, and to register online now.

Int'l. Wood Composite Materials Symposium Staff
Wood Materials and Engineering Laboratory
Washington State University
Pullman, WA 99164-1806
Tel: 509-335-4923, URL: woodsymposium.wsu.edu

Liability Issues, Design Data, and Inspection Techniques for Wood Decks, Balconies, and Porches

April 28-30, 2004, Virginia Tech, Blacksburg

This course is designed for local building officials, design professionals, contractors, home inspectors, and manufacturers and suppliers of related construction materials.

www.conted.vt.edu/sdww/

Frank Woeste, P. E., Professor Emeritus

Conferences

BIO ENERGY CONFERENCE & EXHIBITION

June 2 & 3, 2004

at

University of Northern British Columbia
Prince George, BC Canada

The Bio Energy Conference is held in conjunction with the 2004 Forest Expo, an internationally acclaimed showcase of forest equipment and technologies. The Bio Energy Conference has attracted speakers from 7 countries highlighting 4 themes:

Manufacturer and industry awareness of bio-energy materials, manufacturing and use, including energy systems;

Local, regional and national government assessment of policies, technology and carbon credits;

Academic discussion of new environmental technologies, sources and benefits of land use;

Promotion and awareness of bio-energy, and home heating with bio-materials.

Local day tours are organized to showcase bio-energy uses in Prince George. Conference participants have the option of traveling on one of two 4-day study tours to see beautiful British Columbia, with the final day being in Vancouver, host of the 2010 Olympics.

For more information on all aspects of the Conference please visit the Forest Expo website at www.forestexpo.bc.ca and follow the links to the Bio Energy Conference. Conference registration and program can also be found on the website.

Should you require additional information please contact:

Ian D. Hartley, PhD
Conference Chair
Phone: (250) 960-6054; Fax: (250) 960-5538; E-mail: hartley@unbc.ca

Helene Rohn
Conference Coordinator
Phone (250) 964-1782; Fax (250) 964-1794;
E-mail: hrohn@shaw.ca.

Conferences

Wood Science - Education and Research Programmes August 16-25, 2004 Zvolen, Slovakia

Dear colleagues:

The Society of Wood Science and Technology, the Division 5 of the IUFRO and the Faculty of Wood Sciences and Technology of the Technical University in Zvolen, Slovakia, are organizing on August 16-25, 2004, the International Symposium "Wood Science - Education and Research Programmes". All information concerning this conference are placed on the Home Page <<http://alpha.tuzvo.sk/~kudela>><http://alpha.tuzvo.sk/~kudela>. The Home Page will be regularly up-dated.

We hope that this Conference will be a good opportunity for exchange of knowledge on educational and research programs of faculties aimed at wood science and technology worldwide.

Please, consider this announcement as the invitation for all members of the IUFRO working parties of the Division 5.

Yours sincerely,

Dr. Jozef Kudela

The first international conference on vener-based wood products May 6-7, 2004 France

Please find check the following web site for detailed information on the program and registration:

<http://pictel.cluny.ensam.fr/vener2004/>

Chunping Dai
Forintek Canada Corp.

Employment Opportunities



Research Forest Products Technologist GS-12/13 Pacific Northwest Research Station, Portland, Oregon

The USDA Forest Service, Pacific Northwest (PNW) Research Station intends to advertise a permanent position for a Research Forest Products Technologist / Research Forester. The duty station will be in Portland, Oregon. The position reports to the Ecologically Sustainable Production of Forest Resources (ESP) team leader. The position will be a GS 12/13, which has a starting salary range of \$59,353 to \$72,579. Applicants must be U.S. citizens or have competitive status for federal jobs.

The ESP team is interdisciplinary, with expertise in wood technology, forestry, silviculture, biometrics, and social science. The team conducts research on how forest conditions and forest management activities influence the characteristics and quantity of the wood resource and the resulting impact on other goods and services desired by society. The team works closely with other groups that study how planned and unplanned disturbances influence forest conditions. Geographic focus for the team encompasses all western states (USDA Forest Service Regions 1-6 and Region 10). Work is organized around sub-regions where similar forest conditions or forest management issues exist. Potential research areas are broad and include topics that can be addressed by a variety of natural resource science disciplines. Ability to travel a minimum of 20% is required.

The incumbent will conduct personal research to advance knowledge, establish protocols, and develop methods through integration of multi-disciplinary research in support of the ecologically sustainable production of forest resources in the western United States. One strong focus is on conducting and analyzing product recovery studies in forest industry settings for various resources throughout the West. The research is generally of an applied nature directed at understanding how different forest management activities affect forest outputs (especially wood utilization and wood quality) over time, at different geographical scales, and what opportunities exist for achieving joint production of goods and services from forested landscapes. Implementation of a successful program of work involves developing collaborative relations with universities and other research institutions and community partnerships, and coordination among federal land management, regulatory and research agencies, tribal governments, private landowners, and state and local governments. A demonstrated ability to work cooperatively with a diverse team of researchers plus other technical specialists is desired. In addition to planning and conducting research, a successful candidate will be adept at analyzing data, writing and publishing peer-reviewed arti-

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cles, and presenting results orally to diverse audiences.

The PNW Research Station is seeking candidates who can demonstrate a strong scholarly background similar to that expected from someone with a doctoral degree, as well as a familiarity with National Forest Management. Essential requirements of this position include a working knowledge of the wood products industry, a demonstrated facility for planning and conducting research, and examples of combining forest management with wood technology research. Candidates must also have strong skills in planning, organizing, coordinating, analyzing, and implementing a program of work that includes scientists and technical specialists not necessarily under their direct supervision. Candidates must also have a demonstrated ability to work on complex and controversial issues.

Interested applicants, or those desiring further information, should contact either Robert A. Monserud, Team Leader, Ecologically Sustainable Production of Forest Resources team, at e-mail rmonserud@fs.fed.us or phone (503) 808-2059, or Eini Lowell, Research Scientist, Ecologically Sustainable Production of Forest Resources Team at e-mail elowell@fs.fed.us or phone (503) 808-2072; or write to USDA Forest Service, Pacific Northwest Research Station, Attention: Robert A. Monserud, Box 3890, Portland, Oregon 97208. (Internet => <http://www.fs.fed.us/pnw>, Intranet => <http://fsweb.r6.fs.fed.us/pnw>)

Alaska Wood Utilization Research & Development Center, Pacific Northwest Research Station, USDA Forest Service Sitka, Alaska

The Alaska Wood Utilization Research & Development Center of the USDA Forest Service, Pacific Northwest Research station, located in Sitka, Alaska, is soliciting expressions of interests for Research Team Leader. This is a permanent position covered by the Research Grade Evaluation Guide. Applicants must have a graduate degree in some aspect of Forest Products Technology.

The candidate needs demonstrated experience leading a team of research scientists, experience conducting wood products research and development activities, and experience working with business and community groups. The candidate must have strong communication, quantitative and analytical skills, and demonstrated ability to conduct research with a high level of independence. Strong writing and speaking skills are also essential.

The broad assignment of the Center is to identify and evaluate the opportunities for viable forest products industries in Alaska. The successful candidate's research assignment is negotiable but will fall within the broad problem areas assigned to the team, including: 1) analysis of value-added activities in

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forest products, 2) evaluation of type and scale of wood products manufacturing appropriate for Alaska, and 3) assessment of the link between sustainable forests, industry, and communities in Alaska. The team currently has five employees, an annual budget of slightly over one million dollars, cooperative agreements with several Universities, and an active outreach program throughout Alaska.

Salary is commensurate with training and experience. The position will be available in the late summer of 2004. For more information, please contact either:

Ken Kilborn, Team Leader, Wood Utilization Center, PNW Research Station, USDA Forest Service, 204 Siginaka Way, Sitka, AK 99835; 907-747-4308, or email to kakilborn@fs.fed.us

or

Richard Haynes, Program Manager, USDA Forest Service, PNW Research Station, P.O. Box 3890, Portland, OR, 97208-3890; 503-808-2002, or e-mail to rhaynes@fs.fed.us.

About the Pacific Northwest Research Station:

The PNW Research Station is one of seven research units in the USDA Forest Service. The USDA Forest Service conducts the most extensive and productive program of integrated forestry research in the world. The scientific information produced by the Station has application on public, private, and tribal lands in the Pacific Northwest (Alaska, Washington, Oregon, and northern California) and elsewhere in the United States and other parts of the world. The PNW Research Station has an average budget of 40 million dollars, with about 515 employees spread over Alaska, Oregon and Washington at 9 labs and 1 Wood Utilization Center.

Fox Valley Technical College **Natural Resources Instructor**

Applications are currently being accepted for the full-time Faculty Association position of Natural Resources Instructor.

The instructor will teach Forest Management, and related courses in the Natural Resources field such as Outdoor Recreation, Ecology and Introduction to Natural Resources. Forest Management includes topics such as land examination, forest product measurement, cultural cutting, forest research projects, photo interpretation, establishing plots, cartography, relevant federal and state regulations, logging, fire prevention and suppression, forest insect and disease identification.

Responsibilities will include the delivery of instruction and facilitation of student learning, and the on-going development of curriculum and learning strategies that meet the needs of students and employers.

Employment Opportunities

ANTICIPATED SCHEDULE: The normal contract length is 38 weeks per year. Schedule flexibility is needed, and teaching schedule will vary.

START DATE: August 2004

POSITION NUMBER: 1264

ESSENTIAL JOB FUNCTIONS:

Facilitation of Learning. Plan, prepare and deliver instruction and facilitate the learning of students in associate degree, technical diploma, basic education, continuing education, and/or contract training programs. Assess the learning outcomes of students at the unit, course, and program level.

Curriculum Development. Develop, revise, and continually update curriculum and instructional materials which are competency-based, current, consistent with employer expectations, and aligned with the college policy on level of required documentation.

Classroom Management. Fulfill assigned schedule, maintain accurate student attendance and grade records, maintain instructional environment with emphasis on safety, house-keeping, and equipment security, and ensure opportunities for student/participant evaluation.

Interpersonal/Team Skills. Participate in activities of the instructional team, including planning, development, scheduling, and budgeting as a cooperative and professional team player.

Business/Industry/Community Linkages. Develop and deliver customized training for various clients as needed, and maintain involvement with business/industry/community through advisory committees, marketing and recruitment efforts, and professional associations and organizations.

Student Support and Guidance. Advise and support students as a mentor and role model in the achievement of their learning and career goals.

Professional Development. Participate in professional development activities which provide for continually updated knowledge and skills for the role of the contemporary instructor as directed by one's Individual Professional Development Plan.

QUALIFICATIONS, TRAINING, AND EXPERIENCE:

Bachelor's Degree in Forest Management or a related field; Master's Degree preferred. An equivalent combination of education and experience from which comparable knowledge and ability can be acquired is necessary. Recent relevant field experience in Forest Management, in areas such as land examination, forest research projects, technical forestry assistance to landowners, forest inventory tasks, logging, forest conservation.

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Outdoor Recreation experience a plus. Two years of recent work experience outside the field of education. Teaching or training experience is desirable. Meet Wisconsin Technical College System certification requirements. Ability to plan, organize, instruct, and facilitate quality education programs, including development of relevant curriculum.

ESSENTIAL APTITUDES, SKILLS, KNOWLEDGE AND PERSONAL CHARACTERISTICS:

Success and commitment as a team player, including the ability to engage in win-win thinking and to foster consensus. Flexibility in schedule, including availability for evening and weekend assignments. Flexibility, including the acceptance of and willingness to change. Demonstrated ability for written and oral communication with students, staff, employers and other external entities. Proficiency in computer use and applications which support teaching and learning. Highly motivated with strong interest in contributing to the success of students and the college. Demonstrated development of course materials and assessments of student learning. An educational philosophy which places the primary emphasis on student learning in the design, delivery, and evaluation of courses. Willingness to take risks and try new things. Willingness to accept responsibility for professional and personal growth. A commitment to the mission, purposes, and values of the college. An educational philosophy which places the primary emphasis on student learning in the design, delivery, and evaluation of courses.

BENEFITS:

<p>Benefits listed below are based on hours worked: Health and Dental Insurance Term Life Insurance Vacation/Holidays Emergency Leave Long Term Disability Insurance Accumulated Sick Leave Wisconsin Retirement</p>	<p>Additional Benefits Include: Deferred Income Compensation Plan Flexible Spending Tuition Reimbursement Employee Assistance Program (EAP) Wellness/Fitness Program* On-Site Child Care Facility* *Located on the Appleton Campus</p>
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APPLICATION PROCEDURE:

Applicants must submit a resume and a detailed letter that demonstrates how the candidate's background, training, and experience meet the qualifications and functions of the job. A job application is also needed. An application is available in the Human Resource Services Office (Room G147), by visiting our web page (www.fvtc.edu), or by telephone (920-735-2405). The cover letter, resume, and application form should

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refer to the position title and description number and directed to:

Fox Valley Technical College
 Human Resource Services
 1825 North Bluemound Drive
 Appleton WI 54912-2277
 E-mail: hroffice@fvtc.edu
 FAX: 920-996-2878

COVER LETTERS AND RESUMES RECEIVED BY FEBRUARY 28, 2004, WILL BE GIVEN FIRST CONSIDERATION. HOWEVER, APPLICATIONS WILL CONTINUE TO BE RECEIVED UNTIL THE POSITION IS FILLED.

Fox Valley Technical College is an AA/EEO employer and educator strongly committed to maintaining a climate supporting equality of opportunity and respect for difference based on gender, culture, ethnicity, disability, sexual orientation, marital status, race, color, religion, national origin or ancestry, age and lawful activities. Applications of individuals who would increase the richness of Fox Valley Technical College's diversity are welcomed.

Date Posted: January 9, 2004

MISSISSIPPI STATE UNIVERSITY FOREST AND WILDLIFE RESEARCH CENTER/ DEPARTMENT OF FOREST PRODUCTS

Title: Assistant Professor of Forest Products

Function of Job:

This is a 12-month, tenure-track, full time appointment for an individual with research, teaching, and technical assistance responsibilities in the area of forest products manufacturing and utilization.

Characteristic Duties and Responsibilities:

Incumbent will participate in all aspects of the Forest Products Department research and teaching program. Incumbent will conduct a program of research in wood science & technology emphasizing developments in engineered wood composites and adhesion technology in a team-approach environment. Incumbent will work closely with the forest products industries in Mississippi and the region to assist them in applying technologies that will improve their competitiveness. Incumbent will also work with code/standards-setting organizations in the area of wood composites. Delivery of industrial technical assistance will be pursued via plant visits, short courses and workshops, web-based communication and written reports. Incumbent will teach undergraduate and graduate course(s), assist in student advising and curriculum development, and direct the research of graduate students.

Employment Opportunities

Minimum Acceptable Qualifications:

A Ph.D. from an accredited institution of higher learning in either a Wood Science/Wood Products or a related field.

Additional Desirable Qualifications:

Experience is preferred in the field of engineered wood composites and adhesion technology and in producing applied and basic research results, grantsmanship, and technical assistance.

Salary: Commensurate with training and experience.

Deadline: February 15, 2004 or until a suitable candidate is found.

To apply: See the Mississippi State University site www.jobs.msstate.edu and apply for the position. Also please mail your official transcripts and 2 letters of reference to:

Deborah C. Reginelli
Forest Products Department
Mail Stop 9820
Mississippi State, MS 39762

Mississippi State University is an Affirmative Action/Equal Employment Opportunity Employer.

**State University of New York
College of Environmental Science and Forestry
1 Forestry Drive, Syracuse, NY 13210-2778**

January 14, 2004

TITLE: Faculty Position in Construction Management. An academic year, tenure track position at the Lecturer, Instructor, or Assistant Professor level.

UNIT: Construction Management and Wood Products Engineering Faculty

BRIEF DESCRIPTION OF RESPONSIBILITIES: Responsibilities include: teaching undergraduate and graduate courses and developing an externally funded research and outreach program in construction management with instructional focus on estimating and other areas such as contracts and specifications, methods, computer applications as well as mechanical, electrical, or temporary structural systems.

QUALIFICATIONS: An M.S. degree in appropriate Engineering, Construction Management or closely related field is required. Professional certification or licensure and appropriate experience in commercial or residential construction are highly desirable. The successful candidate will have demonstrated ability in areas such as: a professional team-oriented work experience setting, university level teaching experience,

Employment Opportunities

knowledge of current commercial or residential construction are highly desirable. The successful candidate will have demonstrated ability in areas such as: a professional team-oriented work experience setting, university level teaching experience, knowledge of current information technology and distance education instructional methods, active participation in relevant professional associations, ability and interest in green/sustainable construction; as well as familiarity with industry standard scheduling, estimating, accounting, project management and CAD software.

SALARY: Salary and rank are commensurate with academic credentials and qualifications.

POSITION AVAILABLE: August 2004

APPLICATION DEADLINE: Although the college will accept applications until the position is filled, interested candidates should submit their material by **March 15, 2004** to assure optimal consideration.

APPLICATION PROCEDURE: Submit a letter of application, curriculum vitae, college transcripts, and three letters of recommendation to the Office of Human Resources, ATTN: Construction Management Faculty Position, SUNY-ESF, 217 Bray Hall, 1 Forestry Drive, Syracuse, NY 13210-2778.

SUNY-ESF is an Equal Opportunity/Affirmative Action employer. Visit SUNY-ESF on the web at www.esf.edu

The University of British Columbia

A graduate research assistantship (GRA) for three to four years is available effective immediately to a person to carry out research in the area of Wood Physics & Drying leading to a Ph.D. degree. The qualified candidate should have a B.Sc. and M.Sc. degree in Wood Science or related area (i.e., engineering).

Interested persons, please send your curriculum vitae (CV) by email or fax.

Dr. Stavros Avramidis, FIWSc, Professor
Department of Wood Science
The University of British Columbia
2424 Main Mall
Vancouver, BC, V6T 1Z4, Canada
tel: +1 604 8226153
fax: +1 604 8229104
email: stavros.avramidis@ubc.ca
web: <http://wood.ubc.ca>

Student Profile

Shane Kitchens, Mississippi State University



Shane has a B.S.(1993) and M.S.(1997) in Forest Products from Mississippi State University. Following graduation, he accepted a position with Buckman Laboratories (1995) located in Memphis TN. While working for Buckman he oversaw hardwood and softwood sawmill accounts in a three state southeastern region, summarized the Wood Technologies section in the Bulab technical forum, and edited the Sawmill Times, a quarterly publication produced by the Wood Technologies group. Shane took a job with Corley Manufacturing Company (1998) in Chattanooga, TN. With Corley he was a Product Manager with primary duties consisting of the commercialization of the TASK Process and overseeing the Corley/Lewis optimized edger program. He has recently left Corley (2003) to pursue a PhD in Forest Resources from Mississippi State University.

Shane has authored and co-authored over fifteen publications, including two United States patents. He has given many formal and numerous informal presentations in the last ten years on the subject of lumber discolorations and wood preservation. He is currently working under the direction of Dr. Terry L. Amburgey in the area of wood preservation. Shane's dissertation topic deals with using applied biology to merge different disciplines to create a durable wood frame residential structure in southern climates.

Shane received several awards and honors while at Mississippi State earning his B.S. and M.S. that included Most Outstanding Graduate Student in Forest Products and the Senior Academic Achievement Award in Forest Products. He was a founding father and charter member of the Beta Tau chapter of Alpha Gamma Rho Fraternity and was selected as the first member initiated into the chapter. He has served on the AGR Beta Tau Chapter alumni board and is the Beta Tau representative for the national scholarship fund. He currently holds memberships in the Forest Products Society and the Railway Tie Association.

About the Society

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 Rado Gazo, at: radogazo@fnr.purdue.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: vicki@swst.org

Web site: <http://www.swst.org>

Society of Wood Science and Technology

President:	Douglas Stokke
Past President:	Robert W. Rice
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