



SWST Newsletter

SOCIETY OF WOOD SCIENCE AND TECHNOLOGY
September/October 2005

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SWST Snapshot

SWST Membership	Sept. 2005
Full members	302
Student members	63
Retired members	46
Affiliate members	4
Delinquent members	38
Fellows	2



Rado Gazo, *Editor*

Wood And Fiber Science Journal	Sept. 2005
Subscribers	231
Delinquent Subscribers	28
Number of articles in 37(3)	19
<i>Currently in the pipeline</i>	
Ready for typesetting	37
Under revision by authors	8
Under review	38
Rejected	7

Financial	Sept. 2005
Cash & Bank Accounts	\$89,025
Investments	\$62,112
Liabilities	\$642

Web Page	Oct. 2005
Number of unique visitors	473
Number of new visitors	270
Megabytes transferred	253
More data:	
	http://www.swst.org/nettracker/reports/

NEWS

New Editor Wanted. Please note that my three year term as an editor of this newsletter expires in the spring. If you would like to volunteer for this service to the Society, please contact Vicki Herian or myself.

Université Laval inaugurated the Gene-H.-Kruger Pavilion on October 14th, 2005.

Université Laval inaugurated the Gene-H.-Kruger Pavilion on October 14th, 2005. This new infrastructure dedicated to wood engineering built at Université Laval provides a good example of innovation in the forest product sector. The pavilion is a Green Building, built of engineered wood. It houses the latest technology in wood science laboratory equipment. Financing was assured by the Canada Foundation for Innovation (40%), the Quebec Ministry of education, recreation and sport (Ministère de l'éducation, du loisir et du sport du Québec – MELS) (40%) and Canada Economic Development (20%). This infrastructure has permitted the creation of the Centre de recherche sur le bois (Wood Research Centre) at Université Laval, bringing together a group of highly qualified researchers and providing a unique teaching and research environment. The centre contributes to the needs of the industry in terms of R&D, training and technology transfer. This initiative opens up new perspectives of economic development and will play an important role in the future of the forest product industry in Quebec and Canada.



XXII IUFRO World Congress held in Brisbane, Australia

Over 2000 delegates attended the International Union of Forest Research Organizations Congress in Brisbane, Australia from August 8-13 at the Brisbane Convention and Exhibition Centre. Over 133 technical sessions with oral presentations and over 800 posters addressed the theme “Forest in the Balance: Linking Tradition and Technology.” Forest Products was well represented with Keynote by Eugene van As of Sappi Limited, South Africa, on the “importance of wood science and forest science in helping developing countries develop viable forest industries.” SWST members were represented by Howard Rosen, Jerry Winandy, Richard Vlosky, Robert White, Jack Saddler, S.Y. (Tony) Zhang, Eric Hansen, Chris Risbrudt, Eva Haviarova, Rado Gazo and Vicki Herian. S.Y. (Tony) Zhang, Forintek, was honored with a Scientific Achievement Award.

The next Congress will be in Seoul, Korea in 2010 and organized through the Seoul National University, College of Agriculture and Life Sciences.

Howard N Rosen

Howard N. Rosen
RNRF Board member



Howard Rosen, Roger and Vicki Herian (SWST Executive Director), Nicki De la Roche, and Anita Rosen attend reception in the Brisbane Conference Center.

IUFRO World Congress XXII, Session 003: Utilizing Small-diameter Trees and Solving Forest Resource Problems

Throughout the world small-diameter trees present a resource problem. In Europe, the southern and western United States, and in some parts of Asia, forests from managed plantations require thinning. In western United States, millions of acres of forestland have lost ecological integrity because of changes in vegetative structure and composition. Such stands are at significant risk for disease and insect attack and ultimately at risk for catastrophic wildfire. Reduced demand for pulp chips has limited traditional markets for these small-diameter trees. New technologies offer many opportunities for higher value uses of these materials. Presentations can be found at:
<http://www.swst.org/session003.html>

The 2005 SWST Annual Convention Proceedings can be found at:
<http://www.swst.org/meetings/AM05/proceed2005anmtg.html>

Fresh Wood Volume 2 is a beautiful hard-cover photographic art book **of the 58** finalist entries from the 2005 AWFS®Fair student design competition. <http://www.freshwood2005.com/>

The Society of Wood Science and Technology (SWST) is providing both international and national travel grants through the Visiting Scientist Program (VSP) to enhance the professional growth of our members and promote networking with scientists, technologists, and engineers from other countries that are so vital to the success of SWST in the future. The SWST Executive Board and the VSP committee are strongly encouraging members to submit applications for international and national visits to Universities or National Institutes. The program has several goals such as, helping young scientists broaden their research perspective and develop collaborative linkages within the field, encouraging senior scientists to broaden the perspectives of the hosting research institutes, and promoting SWST in the international arena. Details of the

program can be found on SWST website (<http://www.swst.org/vsp.html>). There are no deadlines for either program. The potential host institutions and SWST members are strongly encouraged to submit any proposals for the visits occurring this and next coming year to the Visiting Scientist Program.

We hope you will take advantage of this opportunity to exchange research and teaching ideas with your colleagues. Send your request to participate to:

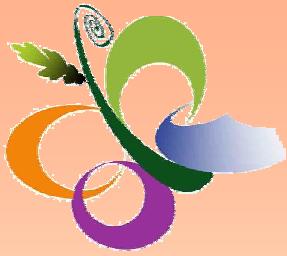
Visiting Scientist Program
Society of Wood Science and Technology
One Gifford Pinchot Drive
Madison, WI 53726
PHONE: 608-231-9347
FAX: 608-231-9592
E-mail: vicki@swst.org

7th Annual Wood Magic Program

Oregon State University recently played host to over 1200 third and fourth graders from Oregon elementary schools in their 7th Annual Wood Magic Program. Modeled after the successful Mississippi State program of the same name, the program operates for 3 days each Fall on the OSU campus, then for 2 days in the Spring at the World Forestry Center in Portland. The program reaches over 2000 students per year. Plans are now underway to produce a traveling Wood Magic program that will go to schools across the state to bring the wonders of wood to all of Oregon's elementary students. For more information, go to

<http://woodscience.oregonstate.edu/woodmagic/>

A new book The Leading Edge has just been published in New Zealand. It covers the originating history of MDF in New Zealand highlighting the dominant role of Dr. Owen Haylock in this development. He can be considered one of the founding fathers of MDF in New Zealand and a leading figure in the development of MDF worldwide. For all in the MDF industry and those otherwise interested, this should be an excellent reference on developing the MDF industry as well as any new forest products industry. The cost is listed at \$40 NZ plus shipping. The best way to order will be through E-mail at the New Zealand Institute of Forestry, address NZIF@paradise.net.nz



Journal of Forest Products Business Research

In support of the continued growth and further development of the academic fields of forest products business and marketing, the *Journal of Forest Products Business Research* is pleased to announce a *Special Call for Papers*:

Innovation and Entrepreneurship in the Forest Sector

At the recent IUFRO World Congress in Australia, a special session was held on innovation and entrepreneurship in the forest sector. Since the research community has exhibited an interest in these themes across the wide spectrum of values we derive from forests, a special call for papers has been organized to disseminate this new research.



www.forestprod.org

Manuscripts are currently being accepted, electronically submit to:
Dr. Eric Hansen, Editor
Oregon State University
Email: Eric.Hansen2@oregonstate.edu
Tel: 1-541-737-4240

Editorial Board
Dr. Robert Bush, Virginia Tech
Dr. Heikki Juslin, U. of Helsinki
Dr. Rob Kozak, U. of British Columbia
Dr. Steven Shook, U. of Idaho
Dr. Lucie Ozanne, U. of Canterbury

The Journal of Forest Products Business Research (JFPBR) provides a forum for the publication of timely, rigorous, technically sound, scientific research manuscripts that focus on the forest sector. This international, refereed ejournal is dedicated to the recognition and growth of the academic field of forest products business, particularly management and marketing. The JFPBR strives to disseminate new knowledge bridging the scientific and professional communities.

LSU AgCenter Process Holds Promise for Recycling Pressure Treated Wood

A process for recycling treated wood products could save on disposal costs and liability concerns by keeping treated wood out of high-cost landfills, according to developers at the LSU AgCenter. The process uses liquefaction to extract chemicals from the wood and leave a liquefied wood product that is chemical free. Experts say it's environmentally friendly and appears to offer economic benefits. "Disposal of decommissioned preservative-treated wood has increasingly become a major concern because the popular disposal options - incineration or land filling - are becoming more costly and impractical," said Dr. Todd Shupe, a researcher in the LSU AgCenter's School of Renewable Natural Resources. "Recycling - both of treated wood and of the preservatives - must be considered as a viable alternative," he said. "Open burning of treated wood generally is not allowed by law and not recommended by the treating industry" Finding new uses for treated products is important to Louisiana because nearly half of the state's southern yellow pine lumber production is treated with either creosote, penta or chromated copper arsenate (CCA). Most material was treated with CCA before the industry voluntarily phased CCA out for consumer uses. Now, the three chemicals are largely used for industrial applications ranging from utility poles to highway and bridge guardrails. Contact: Todd Shupe at (225) 578-6432 or tshupe@agcenter.lsu.edu

NSF Renews Support for NCSU Wood Anatomy Database

The National Science Foundation recently granted \$243,039 to NC State University to enhance InsideWood <http://insidewood.lib.ncsu.edu/search/>, an extensive online wood anatomy research database, with descriptions and images of fossil and modern woods. The funding for InsideWood covers work at the NCSU Libraries and the College of Natural Resources over a two-year time span.

The project will not only enhance the existing modern wood database by adding numerous images contributed by leading international experts in the field, but will also create a fossil wood database with images and coded anatomical descriptions. This Internet-accessible fossil wood database will be the most complete resource of its kind, supporting research into the past distribution and diversity of trees, shrubs, and vines; tracking evolutionary trends; and reconstructing ancient environments. Wood identification helps archaeologists address questions about ancient vegetation and the context for human evolution, past uses of natural resources, and trade routes.

The modern dicot wood database of InsideWood is already the world's most extensive Internet-accessible compendium of wood anatomical information, providing invaluable data on threatened North American species not published elsewhere.

New web site – Wood Based Panels International <http://www.wbpionline.com/>

CONFERENCES

Call for Papers - Bio-Energy Conference and Exhibition 2006, May 31 and June 1, 2006 at University of Northern British Columbia, Prince George, BC Canada.

Conference Topics:

Municipal and Community Energy
Alternate Bio-Energy Sources
Wood Residue – Inventory Update
Transportation of Bio-Energy
Processing Technologies.

Please follow this link for more information:

<http://www.bioenergyconference.org>

FPS GREAT LAKES SECTION

Presents:

IMPLEMENTING LEAN IN THE PLANT AND THE OFFICE

Tuesday November 2, 2005

Hosted by:

*Nucraft Furniture
Comstock Park, MI*

The purpose of this seminar is to demonstrate possible starting points for implementing lean business practices. The one-day seminar will include information for both plant and office lean practices. Attached is a copy of the program/registration information in PDF format. If you have any questions, see <http://www.forestprod.org>

RecAsh International Seminar which will be held on 8th-9th (10th) of November 2005 in Prague, Czech Republic. RecAsh (*Regular Recycling of Wood Ash to Prevent Waste Production*) is a Life-Environment demonstration project. The extraction of harvest residues has gained more and more interest in recent years. As an effect of the intensified harvest, the export of nutrients and acid buffering substances from the growth site is increased. Wood ash could be used to compensate forest soils for such losses. Most wood fuel ash is today deposited in landfills. If the wood ash is recycled, wood energy is produced without any significant waste production. Ash recycling would therefore contribute to decreasing the production of waste, and to maintaining the chemical quality of forest waters and biological productivity of forest soils in the long term.

The objective of the RecAsh International Seminar is to disseminate major findings of the demonstration project and discuss the theoretical background of the techniques and how regular

recycling of wood ash is best organised with respect to ecological, technical, economic, logistic and administrative aspect. For the registration, please, fill in the registration form on RecAsh-website <http://www.recash.info>

For further information, please, contact on organisational tasks Ms. Jana Pechova (pechova@lesycr.cz) or Mr. Lars Andersson (lars.andersson@svsst.svo.se).

WOOD-PLASTIC COMPOSITES 2005. GROWTH, PROFITS, BENEFITS AND PROPOSITIONS. The international business conference & exhibition for wood-plastic composites industry. 5-7 December 2005, Austria Trend Eventhotel Pyramide, Vienna, Austria Organised by Applied Market Information Ltd.

<http://www.amiplastics.com/ami/AMIConference.asp?EventID=35>

China's Boom: Implications for Investment & Trade in Forest Products and Forestry
Westin Bayshore Resort & Marina
Vancouver, British Columbia, Canada
January 18-20, 2006

The conference is sponsored by the Forest Products Society (FPS); the Center for International Trade in Forest Products (CINTRAFOR); CIBC World Markets, Inc.; Forintek Canada Corporation; Paperloop/RISI; and the USDA Forest Service Forest Products Laboratory (FPL).

CHINA'S PHENOMENAL GROWTH RATE and its rapidly rising investments in forestry and forest products have substantial global implications for North America and other major global players in the forest products arena. This important conference will bring together forest products manufacturers and suppliers, and consultants, investors, economic development personnel, policy makers, educators, and researchers to discuss the latest information on China's emerging role in global forest products trade. The conference will feature technical and poster presentations, discussions, and tabletop exhibits on topics such as:

- Understanding China and Chinese Business Conditions
- China's Wood Products Consumption: Current and Future
- Meeting China's Fiber Demand: Who Will Supply the World's Largest Forest Products Consumer (and perhaps Producer)?
- China's Competitive Structure
- Opportunities in China's Forest Products Markets
- Threats to Non-Chinese Wood Products Producers

Julie Lang, Conferences & Meetings Director

Forest Products Society
2801 Marshall Court
Madison, WI 53705-2295
Phone: 608-231-1361, ext. 208
Fax: 608-231-2152
E-mail: conferences@forestprod.org
<http://www.forestprod.org>

Forest Products Society 60th International Convention

Marriott Hotel & Tennis Club, Newport Beach, California, USA. June 25-28, 2006

<http://www.forestprod.org/confam06.html>

CALL FOR TECHNICAL SESSION (FORMAL) PRESENTATIONS

<http://www.forestprod.org/am06tigcallforpapers.html>

Call for Posters

<http://www.forestprod.org/am06poster.html>

ECOWOOD 2006 – 2nd International Conference on Environmentally-Compatible Forest Products. Oporto, Portugal, 20-22 September 2006.

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

ECOWOOD 2006 is a conference, hosted by Fernando Pessoa University (UFP), Oporto, Portugal, that aims to bring scientists and business men together, from the forest products and environmental areas, so that they can present the latest research and innovation on wood products with the low environmental impacts, or even with environmental benefits, the so-called clean technologies. <http://www.ufp.pt/events.php?intId=10038>.

EMPLOYMENT OPPORTUNITIES

THE UNIVERSITY *of* TENNESSEE Department of Forestry, Wildlife, and Fisheries Biomass Conversion Chemist

- Position:** Assistant/Associate Professor of Forestry
12-month, tenure-track position; 100% Research appointment
- Responsibilities:** Establish a competitive research program addressing fundamental issues to advance effective utilization of lignocellulosic biomass for value-added products. Focus on novel pretreatment processes and reactions that provide suitable feedstocks for subsequent conversion of biomass to products. Secure extramural support from industry, government agencies, and foundation sources to generate capacity for progress in bio-derived fuels and advanced materials. Coordinate and collaborate with faculty and researchers in affiliated programs to generate information needed to accelerate value-added utilization of biomass. Advise and supervise undergraduate and graduate research assistants, and recruit supporting staff as needed.
- Qualifications:** An earned doctorate in chemistry, polymer chemistry, chemical engineering, or closely related discipline. Demonstrated experience with an array of bio-feedstocks, and a background in the chemistry and cellular structure of lignocellulosic materials. Expertise in spectroscopic and chromatographic techniques is desired. The successful applicant must demonstrate excellence in both oral and written communication skills. A record of collaboration and cooperative research is highly desirable. For consideration at the higher rank, applicants must have demonstrated research and scholarship sufficient for Associate Professor.
- Salary:** Commensurate with experience.
- Application:** Review of applications will begin October 3, 2005 and will continue until a suitable candidate is identified. Interested applicants should submit: 1) a letter of application, 2) a one-page statement of research plans and goals, 3) transcripts of all college course work, 4) a curriculum vitae detailing educational background, work experience, and publications, and 5) names and contact information for three individuals providing letters of recommendation. Send all materials to:
Mr. Timothy M. Young
The University of Tennessee
Forest Products Center
2506 Jacob Drive, Ag Campus
Knoxville, TN 37996-4570

The University of Tennessee does not discriminate on the basis of race, sex, color, religion, national origin, age, disability or veteran status in provision of educational programs and services or employment opportunities and benefits. This policy extends to both employment by and admission to the University. The University does not discriminate on the basis of race, sex or disability in the education programs and activities pursuant to the requirements of Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act (ADA) of 1990. Inquiries and charges of violation concerning Title VI, Title IX, Section 504, ADA or the Age Discrimination in Employment Act (ADEA) or any other referenced policies should be directed to the Office of Equity and Diversity (OED), 1840 Melrose Avenue, Knoxville, TN 37996-3560, telephone (865) 974-2498 (*V/TTY available*) or 974-2440. Requests for accommodation of a disability should be directed to the ADA Coordinator, UT Human Resources, 600 Henley Street, Knoxville, TN 37996-4125.

THE UNIVERSITY *of* TENNESSEE
Department of Forestry, Wildlife, and Fisheries
Biomass Chemist – Value-Added

- Position:** Assistant/Associate Professor of Forestry
12-month, tenure-track position; 100% Research appointment
- Responsibilities:** Establish a competitive, interdisciplinary research program to develop novel chemicals and materials from bio-based platform chemicals, including sugars and phenolic compounds. Secure extramural support from industry, government agencies, and foundation sources to generate capacity for progress in new understanding and applications for chemicals and materials produced from lignocellulosic biomass. Coordinate and collaborate with faculty and researchers in affiliated programs to generate information needed to accelerate value-added utilization of biomass. Advise and supervise undergraduate and graduate research assistants, and recruit supporting staff as needed.
- Qualifications:** An earned doctorate in organic chemistry, polymer chemistry, chemical engineering, or closely related discipline. Demonstrated experience in chemical modification and utilization of complex carbohydrates, monomeric sugars, and/or phenolic raw materials is desired. Expertise in conventional methods of organic synthesis and product characterization techniques is required. The successful applicant must demonstrate excellence in both oral and written communication skills. A record of collaboration and cooperative research is highly desirable.
- Salary:** Commensurate with experience.
- Application:** Review of applications will begin October 3, 2005 and will continue until a suitable candidate is identified. Interested applicants should submit: 1) a letter of application, 2) a one-page statement of research plans and goals, 3) transcripts of all college course work, 4) a curriculum vitae detailing educational background, work experience, and publications, and 5) names and contact information for three individuals providing letters of recommendation. Send all materials to:
- Dr. David Harper
The University of Tennessee
Forest Products Center
2506 Jacob Drive, Ag Campus
Knoxville, TN 37996-4570

The University of Tennessee does not discriminate on the basis of race, sex, color, religion, national origin, age, disability or veteran status in provision of educational programs and services or employment opportunities and benefits. This policy extends to both employment by and admission to the University. The University does not discriminate on the basis of race, sex or disability in the education programs and activities pursuant to the requirements of Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act (ADA) of 1990. Inquiries and charges of violation concerning Title VI, Title IX, Section 504, ADA or the Age Discrimination in Employment Act (ADEA) or any other referenced policies should be directed to the Office of Equity and Diversity (OED), 1840 Melrose Avenue, Knoxville, TN 37996-3560, telephone (865) 974-2498 (*V/TTY available*) or 974-2440. Requests for accommodation of a disability should be directed to the ADA Coordinator, UT Human Resources, 600 Henley Street, Knoxville, TN 37996-4125.

Assistant/Associate Professor of Timber Engineering. Department of Wood Science and

Engineering, College of Forestry, Oregon State University. Position is full-time, 12-month tenure-track. Salary is competitive and will be commensurate with education and experience. Responsibilities include research, teaching, and service. Required qualifications include PhD in wood science, timber engineering, civil engineering (structures), architectural engineering or a related field with some experience with wood structures and the use of wood-based engineering materials; Strong oral and written communications skills, problem-solving skills, and the ability to effectively interact with people at all levels of university, industry and private sectors; Potential for achieving joint graduate faculty status in civil engineering; Teaching and mentoring skills that enable learning by undergraduate and graduate students; Interpersonal and communication skills that foster collaboration and collegiality. Preferred qualifications include a demonstrable commitment to promoting and enhancing diversity, experience with design or construction of wood structures, professional engineering registration.

To apply, send a letter of application, current vitae, and the names, titles, postal addresses, e-mail addresses and phone numbers of three professional references. For full consideration apply by January 15, 2006. Inquiries and applications should be sent to:

Dr. Fred Kamke, Engineering Faculty Search Committee Chair
Department of Wood Science & Engineering
Oregon State University, 119 Richardson Hall
Corvallis, OR 97331-5751
541-737-8422, 541-737-3385 (fax), TTY: 800/735-1232
e-mail: Fred.Kamke@oregonstate.edu

See full position announcement at: <http://woodscience.oregonstate.edu> OSU is an AA/EOE, and has a policy of being responsive to dual-career needs.



**Assistant/Associate Professor – Wood-based Composites
DEPARTMENT OF WOOD SCIENCE AND FOREST PRODUCTS**

The Department of Wood Science and Forest Products at Virginia Tech is seeking applications for the position of assistant/associate professor in the area of wood-based composites. Virginia Tech has strong academic programs in wood science, polymers, materials science, and macromolecular science and engineering.

Position Description: The tenure-track position will be at the Assistant/Associate Professor level and will be an academic year appointment (10 month). Salary will be supplemented with two months of summer salary for the first two years of the appointment to help establish the research program. The position will be split approximately as 70% fundamental and applied

research and 30% teaching. The successful candidate is expected to develop an internationally recognized research program in bio-based composites from wood and other renewable resources, with the major focus on wood and related timber resources. Significant laboratory and equipment infrastructure exists for this position. Teaching responsibilities will include one undergraduate course and one graduate course in the related areas of expertise. There will be teaching and research opportunities in collaboration with the Wood-Based Composites Center, the Sustainable Engineered Materials Institute, and the macromolecular science and engineering program at Virginia Tech. The position provides excellent opportunities to develop a strong interdisciplinary program with other researchers in the department and on the Virginia Tech campus in the fields of wood science, wood composites and adhesives, polymer science, materials science, macromolecular science and engineering, and bioprocessing in Biological Systems Engineering. The successful candidate will be expected to obtain extramural funding, publish in refereed journals, develop a successful teaching program at the undergraduate and graduate level, participate in local, regional and national meetings of professional societies, serve as major professor for graduate students, and serve on graduate committees. Cooperation and collaboration with other scientists in the department and across our campus is expected.

Required Qualifications: Candidates will have a Ph.D. in wood science, materials science engineering, polymer science, biomaterials, chemistry or closely allied fields, with demonstrated experience in materials science, wood-based composites design, manufacture and performance. The successful candidate must be able to communicate effectively with people at all levels in university, industry and private sectors. Candidates at the Associate Professor level must have a demonstrated track record of success in research and teaching, including the ability to articulate a coherent research agenda and to identify potential funding sources to support such research.

Preferred Qualifications: In addition to the above required qualifications, the candidate would have history of collaboration with colleagues on and off campus, experience reaching out to business, industry and government agencies and ability to be a good departmental, college, and university citizen; collegiality.

Application: Application materials should include a current vitae, official transcripts for all degrees at all institutions, and the names, addresses, phone numbers and email addresses of five professional references. The applicant should address his or her interest in the position by preparing a written statement of interest that addresses the matching of personal skills and education with the position description. All materials must be submitted electronically with exception of official transcripts. Submit on-line at <http://www.jobs.vt.edu>, referring to posting No. 042325. Review of candidate files will begin July 15, 2005 and continue until a suitable candidate is identified.

Inquiries: Dr. Paul M. Winistorfer, Professor and Department Head
Department of Wood Science and Forest Products
College of Natural Resources, Virginia Tech - 230 Cheatham Hall, Mail Code 0323
Blacksburg, VA 24061
Phone 540-231-8853 or email pstorfer@vt.edu

Virginia Tech is an Equal Opportunity/Affirmative Action Employer and has a strong

commitment to the principle of diversity and, in that spirit, seeks a broad spectrum of candidates including women, minorities, and people with disabilities. Virginia Tech is the recipient of the National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers. Individuals with disabilities desiring accommodations in the application process or needing this material in an alternate format should notify Debbie Garnand, Department of Wood Science and Forest Products at 540-231-8853 or email at garnandd@vt.edu.

Professor and Head of the Department of Wood & Paper Science

College of Natural Resources, North Carolina State University, Raleigh, NC, USA.

Available: July 1, 2005

Application Deadline: Application review will begin March 1, 2005 and will continue until a suitable candidate is hired.

Position and Responsibilities:

The College of Natural Resources, North Carolina State University, invites applications for the position of Department Head of Wood & Paper Science. The successful applicant must demonstrate outstanding leadership and interpersonal skills and have a distinguished record in research and education. It is expected that the successful candidate will promote the vision and provide the administrative leadership needed to facilitate the department's research, teaching and extension missions.

The Department of Wood & Paper Science has 21 faculty that are internationally recognized for their research, teaching and extension activities. The Department offers undergraduate and graduate degrees through the Ph.D., and currently enrolls 144 undergraduate and 31 graduate students. Undergraduate curricula include Wood Products and Paper Science and Engineering, providing a talented and educated, professional workforce to meet industry needs. There are active research programs with historical strengths or emerging initiatives in wood and paper physics/chemistry; pulping, bleaching, papermaking and process engineering; bio-polymer material science and chemistry; recycling, wood machining and tooling; innovative housing technologies; composites formulation and properties; and forest biomaterials and biotechnology. North Carolina State University is a land-grant institution with strong research, teaching, and extension programs. Current enrollment is approximately 22,000 undergraduate and 6,000 graduate students. Additional information about the department can be found at

<http://natural-resources.ncsu.edu/wps/>.

The Department Head plays a key role in the recruitment and development of faculty, staff and students; oversees planning and evaluation of the department's academic, research and extension programs; and is responsible for managing the department's budgets. The Head will work closely with industry, foundations, government and international agencies and be actively involved in fund raising to support the department's teaching, research and extension activities.

He/she will represent the department and promote collaborations and partnerships with other departments in the college and university.

Qualifications:

- Ph.D. in Physical, Chemical and/or Biological Sciences and/or Engineering, or a related field of study
- Experience and qualifications for appointment to the rank of professor
- Strong organizational, leadership, team-building interpersonal and communication skills
- Commitment to teaching, research, extension, and service
- A record of obtaining funding: e.g. grants, contracts, or gifts
- Experience managing budgets with diverse sources of revenue
- Commitment to fostering diversity and a global perspective within the department
- Active involvement in discipline-related organizations
- Experience working with the wood products or paper industry.

Employment Status, Salary, and Benefits:

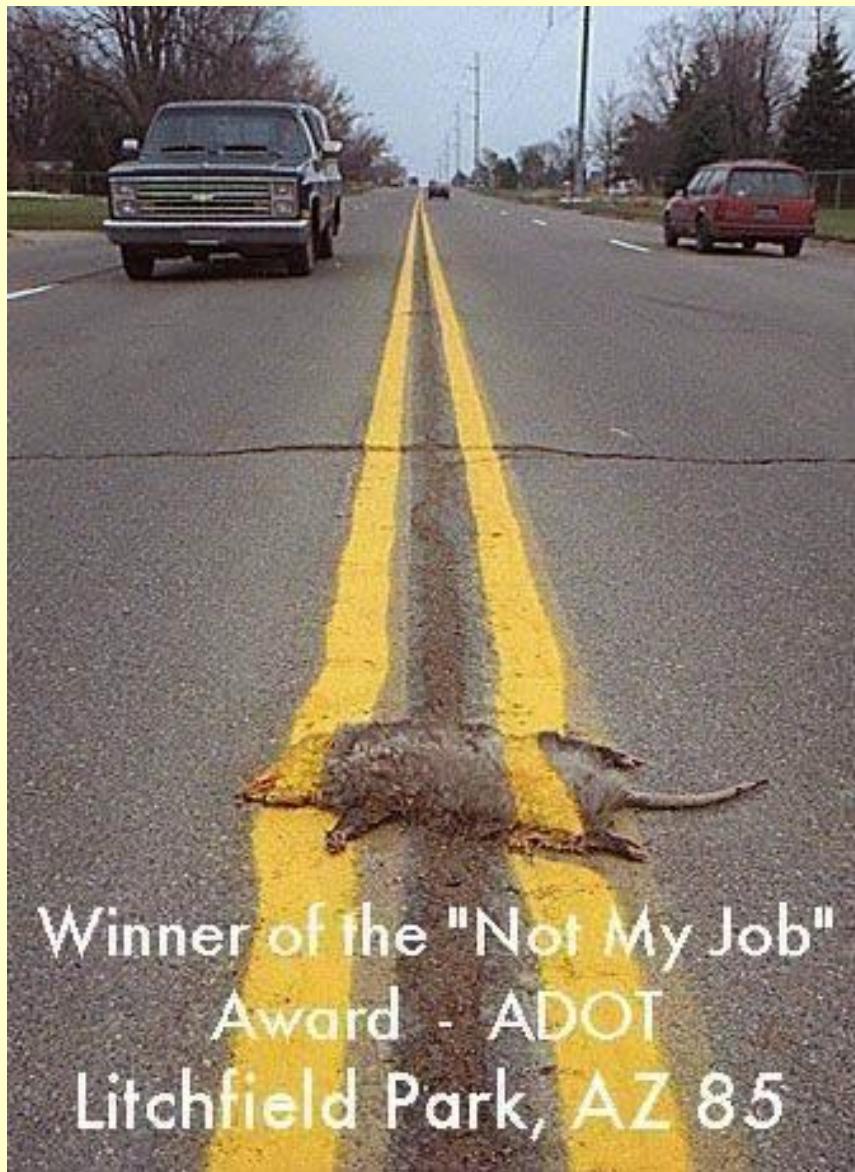
The position will be a full-time tenured appointment. Salary will be competitive and commensurate with qualifications and will include an administrative stipend. Benefits include employee/employer contributory retirement program; health insurance; workers' compensation; paid vacation and sick leave, and other optional benefit programs.

Applications: A letter of application, curriculum vitae and the names, titles, addresses, email addresses, and telephone numbers of at least three references should be mailed to:
Dr. Barry Goldfarb, WPS Head Search Committee, Department of Forestry, Campus Box 8008, 3120 Jordan Hall, NC State University, Raleigh, NC 27695-8008. For more information, please contact Barry Goldfarb, Chair of the Search Committee (telephone: 919-515-4471, fax: 919-515-6193, email: barry_goldfarb@ncsu.edu).

NCSU is an EO/AA employer. In addition, NCSU welcomes all persons without regard to sexual orientation. For ADA accommodations, contact Barry Goldfarb. Proper documentation of identity and employability in the United States will be required.

More jobs at: <http://ww.searchna.com>

DOUG'S AMUSEMENTS CORNER



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 Rado Gazo, at: gazo@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

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Directors: Robert Beauregard (2006)

Jerry Winandy (2006)

Donald A. Bender (2007)

Alain Cloutier (2007)

Wood and Fiber Science

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Associate Editor: D. Earl Kline

Editorial Assistant: Carol B. Ovens

SWST Newsletter

Editor: Rado Gazo