



SWST Newsletter

SOCIETY OF WOOD SCIENCE AND TECHNOLOGY
January/February 2006

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My term as the SWST Newsletter editor is coming to an end. Almost 3 years ago, I instituted in this place a new column – SWST Snapshot. I hope that you found this information helpful. Since I now have some historical data, in this issue, I compiled them into the charts you can see on the next 2 pages.

I also enjoyed publishing the student profiles and the day in a life of a wood scientist pictorial. And of course, I can not forget to mention the jokes, dutifully supplied to me during my tenure by our previous editor, Doug Gardner.

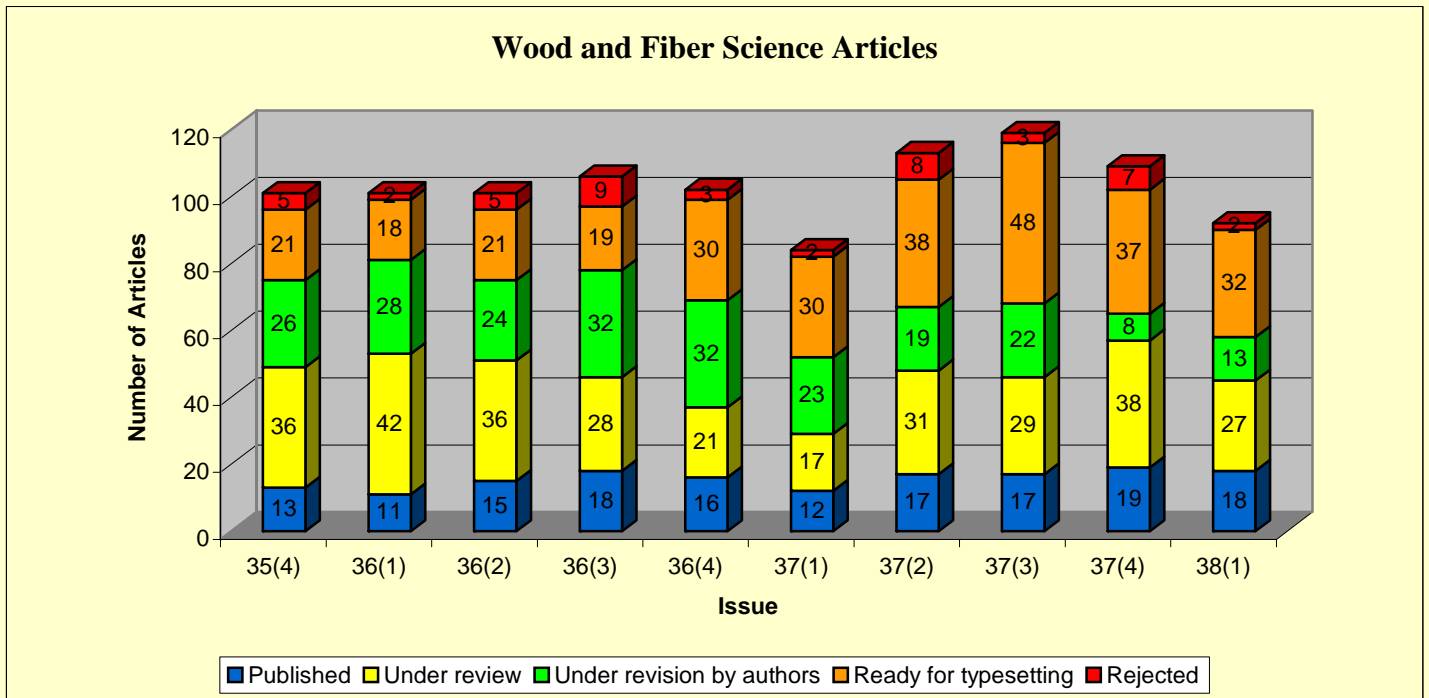
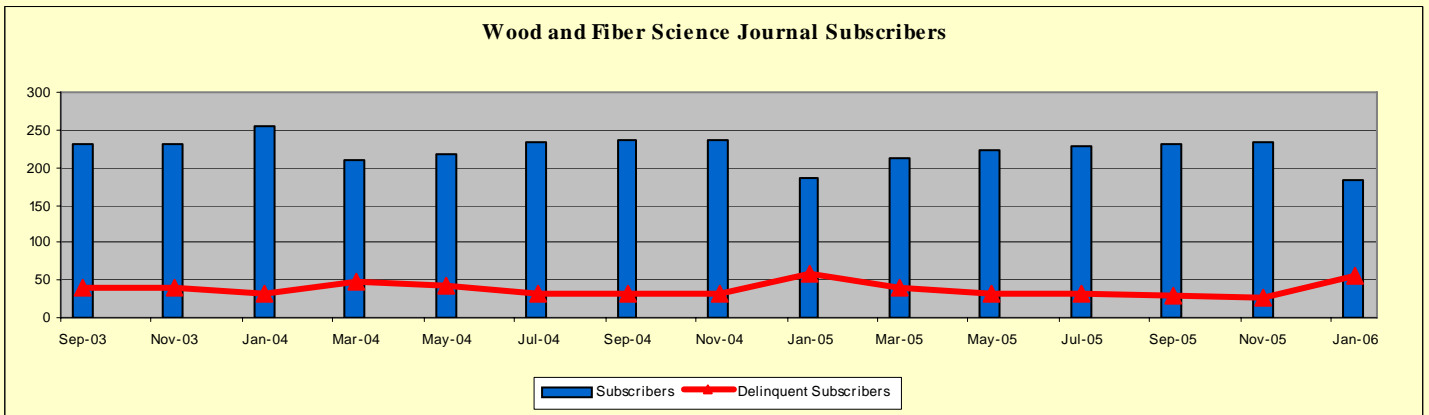
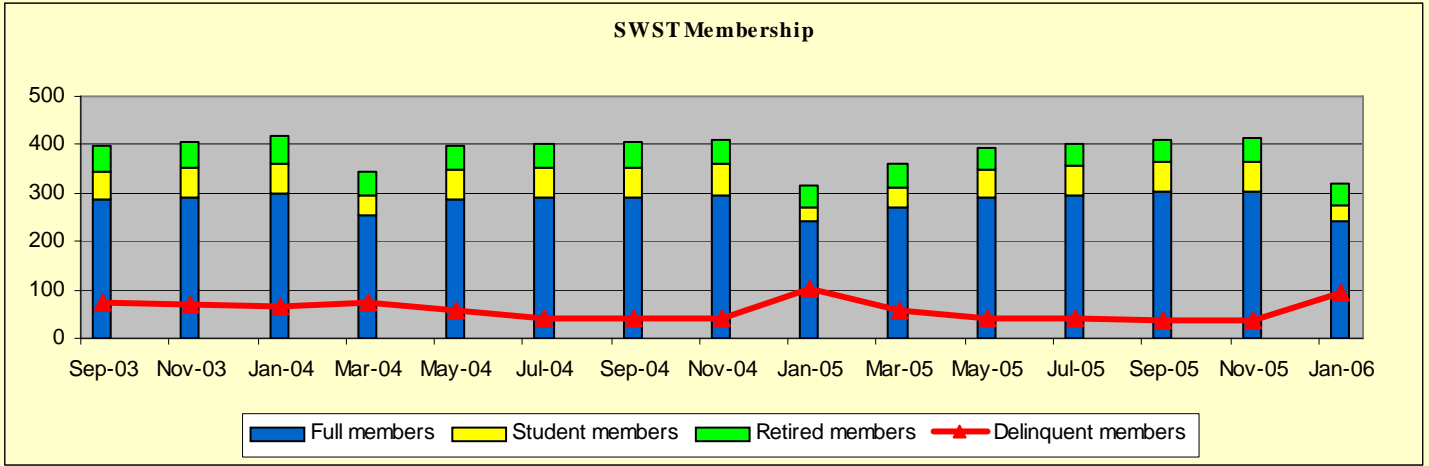


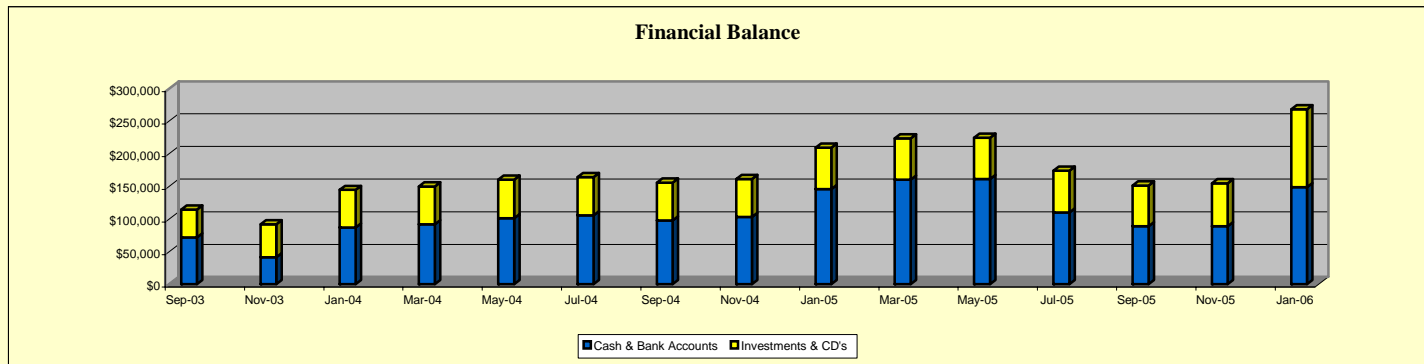
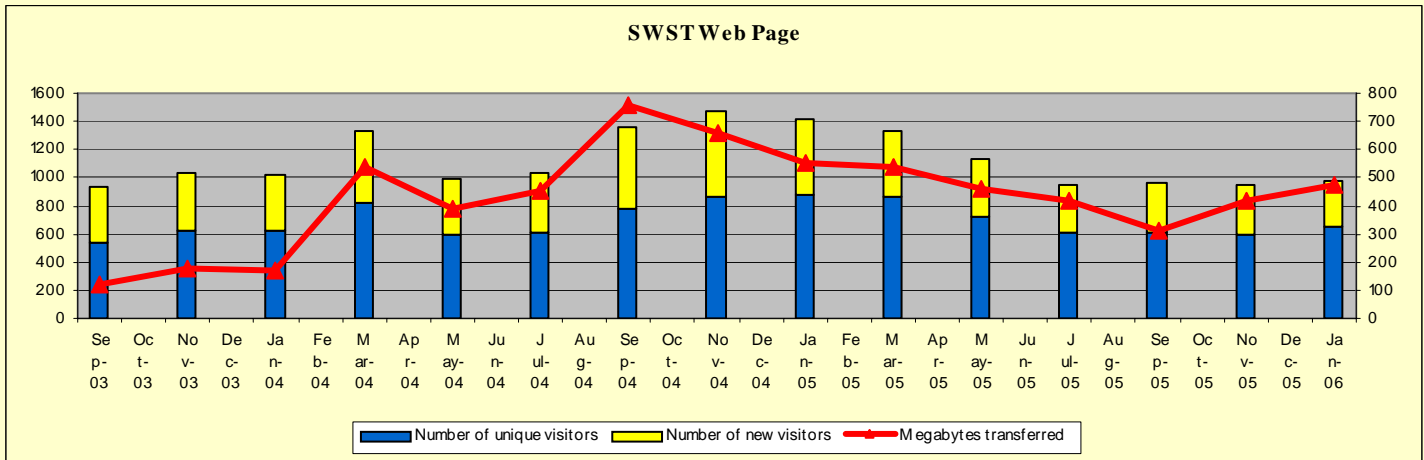
As you read this newsletter, remember that by going electronic, we are saving not only the paper, but also about \$400 per issue in mailing costs to the Society.

And last but not least, we have a new editor, Adam M. Taylor from the University of Tennessee (he volunteered). Adam is an assistant professor and wood products specialist at the Tennessee Forest Products Center (865-946-1125, AdamTaylor@utk.edu). Please be as good to him as you were to me and keep supplying him with information. Without it, there would be no newsletter.

Rado Gazo, *Editor*

SWST Snapshot





NEWS

Wood and Fiber Science Journal has a new, redesign cover beginning with 38(1) issue.

School of Forest Resources to open at University of Maine. UMaine’s Department of Forest Ecosystem Science and Department of Forest Management will come together this summer to form the new School of Forest Resources. Scheduled to take place just weeks after the nationally-known forestry programs bid farewell to their 100th graduating class, the transition promises to provide new opportunities for communication and collaboration with the many people and organizations that depend on Maine’s forests. “Maine is the most heavily forested state in the nation, percentage-wise, and the University of Maine has played a key role in managing the state’s forestry resources for more than 100 years,” said UMaine College of Natural Science, Forestry and Agriculture Dean Bruce Wiersma. “By consolidating the two departments, we are creating a single point of contact for forest resource information and education.”

Cell wall book is slated for publication early in 2006, possibly mid-March. For details, see: <http://store.blackwell-professional.com/0813804396.html>

RNRF Congress on Assessing and Mitigating Environmental Impacts of Emerging

Contaminants was organized in Washington, D.C. in December 2005. Howard Rosen represented SWST. The continued exponential growth in human population has created a corresponding increase in the demand for the Earth's limited supply of freshwater. Protecting the integrity of our water resources is an important environmental issue of the 21st century. The topic was relevant to the forest products industry because of water contamination through wood treatment (at processing plants and disposal of treated wood) and with effluents from pulp mills. The invited delegates were comprised of a select group of professionals from the disciplines represented by our member organizations, congressional staff, sponsoring federal agencies, and other essential interests.

Howard Rosen's Retirement Letter

Dear Friends,

January 3, 2005

Just to let you know, I am retiring today. I will leave full time employment with the Forest Service but will return as a volunteer for about two days each week. This will enable me to work with outside associations (I will be treasurer of the International Academy of Wood Science and on the Executive Board of the Renewable Natural Resource Foundation representing SWST). I will remain available to serve as a reviewer for journals, grants, and technical programs, and will be searching for what I want to do when I grow up, which I hope is never. Here are two pictures from each end of my 35 year Forest Service career.



1975 Carbondale, IL-as a young curly haired scientist in the Hardwood Processing Unit (front row, second from right) with Project Leader Frank Biltonen, Peter Y.S. Chen, on each end in the front, Sandy Stewart in the back, and support help Ken Gaddis, Bob Bodkin, Cleo Caraway, Ed Helton, Paul Parks, and Ed Workman.



2005 Nanjing, China-International IUFRO Wood Drying Conference, older, but a better dressed not so young scientist, surrounded on ends by Jisen Shi and Gu Lianbai (China), Patrick Pierre (France), and Yves Fortin (Canada)

I have had a very enjoyable career and I thank each of you for helping to make it possible. A chemical engineer has truly found happiness in forest products research.

Wishing each of you a healthy and happy 2006,

Howard N Rosen

CONFERENCES

Housing Within Reach: Innovations in Affordable Housing Design

February 16-17, 2006

University of Massachusetts Campus Center

Amherst, Massachusetts, USA

<http://www.umass.edu/bmatwt/housing/>

Wood Protection 2006

March 21-23, 2006

Omni Royal Orleans Hotel, French Quarter

New Orleans, Louisiana, USA

<http://www.forestprod.org/confwoodprotection06.html>

What's New in the Wood-Based Composites Industry? The Southern Perspective

March 28, 2006

FPS Mid-South Section Meeting

Fredonia Hotel, Nacadoches, Texas, USA

<http://www.forestprod.org>

Innovation in the Forest Sector Conference

April 2-4, 2006

Orlando, Florida

<http://www.cnr.umn.edu/FPMDI/workshops/conference/orlando.htm>

International Wood Composites Symposium

April 10-12, 2006

Red Lion Hotel, Seattle, WA

www.woodsymposium.wsu.edu

SPC: Path to Quality in Wood Products Manufacturing

April 24-25, 2006

Portland, Oregon

The Willamette Valley Chapter of Forest Products Society

Oregon Wood Innovation Center of Oregon State University

<http://outreach.forestry.oregonstate.edu/spc>

Nanotechnology for the Forest Products Industry

April 26-28, 2006

Atlanta Marriott Marquis in Atlanta, Georgia, USA.

<http://www.tappi.org/06NANO>

Helping the Wood Products Industry Profit From the Next 10 Years

April 2006

St. Paul, MN

<http://www.dovetailinc.org>

SMALLWOOD 2006

May 16–18, 2006

Sheraton Richmond West Hotel, Richmond, Virginia, USA.

<http://www.forestprod.org/smallwood06announcement.html>.

34th Annual North America Thermal Analysis Society Meeting

August 6-9, 2006

Western Kentucky University in Bowling Green, Kentucky

<http://natasinfo.org/>

The 5th International Symposium Wood Structure and Properties

September 3-6, 2006

Faculty of Wood Sciences and Technology of the Technical University in Zvolen, Slovakia

<http://alpha.tuzvo.sk/~lagana/symposium/>

Who Will Own the Forest

September 11-13, 2006

World Forestry Center

Portland, OR

<http://wfi.worldforestry.org/wwotf3/>

ECOWOOD 2006

20 to 22 September 2006

Fernando Pessoa University, Oporto, Portugal

<http://www.ufp.pt/events.php?intId=10038>

China International Wood Products Summit 2006

October 28-30, 2006

Shanghai Marriott Hotel Hongqiao, Shanghai, China

<http://www.woodmarkets.com/>

EMPLOYMENT OPPORTUNITIES



TENURE TRACK FACULTY POSITION – BIOPROCESSING AND BIOMATERIALS DEPARTMENT OF WOOD SCIENCE AND FOREST PRODUCTS DEPARTMENT

Virginia Tech is investing in a university-wide initiative, targeted at biobased processing, materials and products from agricultural and forest feedstocks. As a part of this University initiative, the following describes the new position intended for the **Wood Science and Forest Products Department**. The links to the other position descriptions are posted at www.bse.vt.edu/cluster.

The Department of Wood Science and Forest Products at Virginia Tech is seeking applications for a tenure-track faculty position in the area of biomaterials and bioproducts. With this position, the Department seeks to advance its participation in a broader, university-wide research agenda in bioprocessing, biomaterials and bioproducts. This position will be a full time (12 month) appointment, split approximately as 70% research and 30% teaching. Rank will be commensurate with prior experience and performance. The candidate is expected to provide campus-wide leadership towards a research and education program in biomaterials and bioproducts, working with Virginia Tech faculty from several academic disciplines. The candidate will work with plant and timber resources, developing a program which complements the existing Virginia Tech efforts in wood, polymer and materials science. We seek a candidate who is active internationally, with experience in the areas of material/product development, that has knowledge of and experience with federal programs & policy, national laboratory activities, and university programs. The candidate is expected to develop an internationally recognized research and graduate education program, with interdisciplinary connections within the department and across the Virginia Tech campus. The expertise sought for this position includes any science or engineering field qualified to advance the science and technology of plant & timber resource conversion into materials and products. This includes, but is not limited to, the following subject areas: the hierarchical structure of the wood cell wall, biomimetics, tissue engineering, new materials from plant & timber resources, self-assembly and self-repair processes as they apply to wood formation and wood processing. Teaching responsibilities will initially focus on developing a graduate course in the candidate's area of expertise, and integrating this course into the university community in support of the broader research agenda in bioprocessing, biomaterials and bioproducts.

Qualifications: Candidates will have a PhD in Wood Science, Chemical Engineering, Chemistry, Polymer Science, Materials Science, or closely related field, with demonstrated experience in biomaterials or bioproducts.

Application: The Search Committee will begin reviewing applications on **February 15, 2006** and will continue to receive applications until the positions are filled. Applicants should submit a cover letter, a curriculum vitae, statements of research and teaching interests, and the names and complete contact information for at least three references. **Apply on-line at www.jobs.vt.edu (Job Posting #043337)**. For further information please contact:

Search Committee Chair: Dr. Foster A. Agblevor, Associate Professor
Biological Systems Engineering Department
Virginia Polytechnic Institute and State University
203 Seitz Hall, Blacksburg, VA 24061
Ph 540-231-2578, Fax 540-231-3199, fagblevo@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.

ASSISTANT PROFESSOR

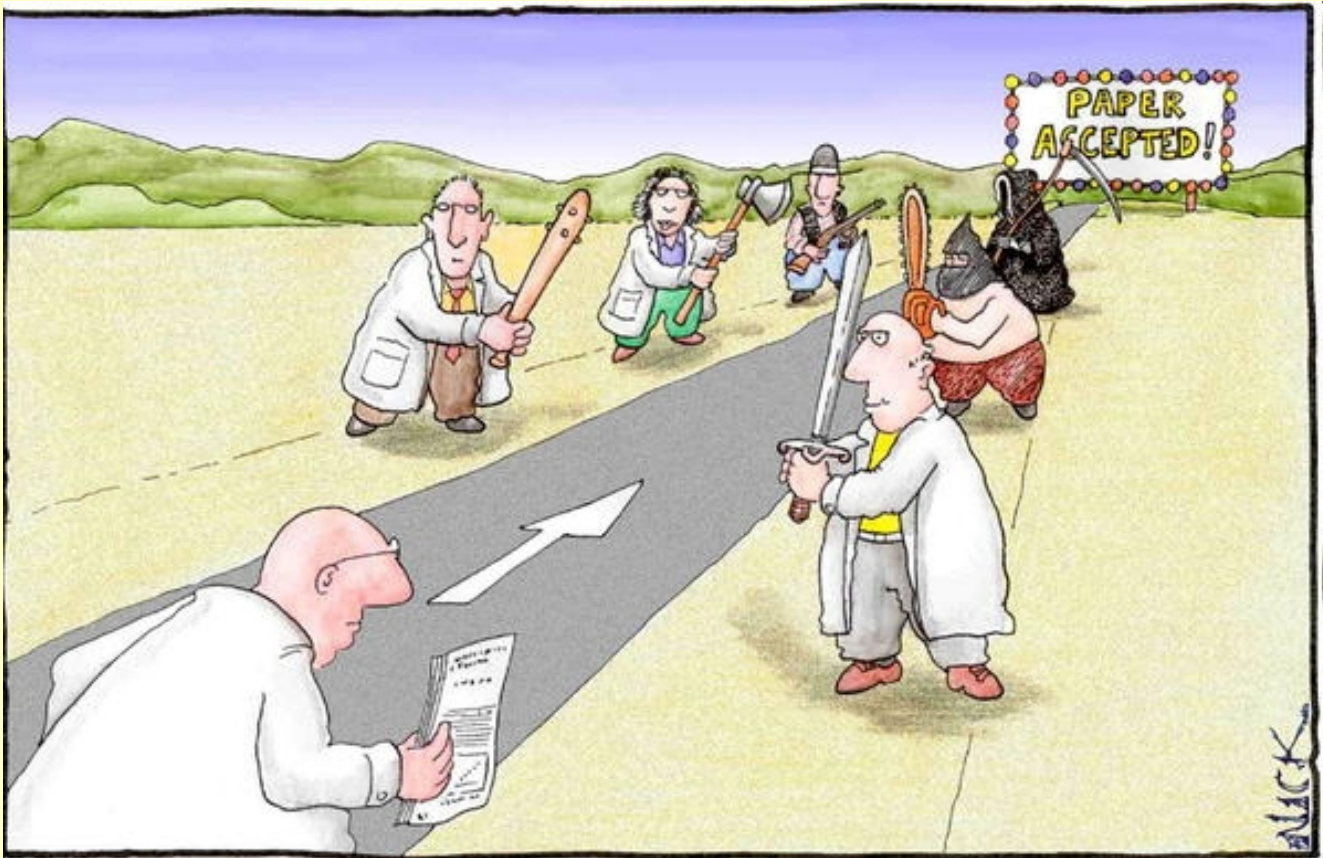
The University of Minnesota Department of Bio-based Products and the Department of Biosystems and Agricultural Engineering invites applications for a joint tenure-track position at the **Assistant Professor** level in biological degradation and preservation of bio-renewable resources and bio-based materials. Biorenewable resources include wood, agricultural crop residues and other biomass. Bio-based materials include wood products, building materials, bio-based composites, polymeric lignocellulose derivatives, etc. Successful candidate is expected to establish a productive program of research involving fundamentals and applications of environmental microbiology (including molecular biology and plant-pathogen interactions) related to biological degradation and preservation of bio-renewable resources and bio-based materials. Teaching responsibilities include undergraduate and graduate courses in bio-based products and environmental sciences including organisms (such as fungi, bacteria, insects, etc.) impacting bio-based products and bioremediation and other related courses with diverse body of students. Successful candidate is expected to excel in teaching, research and outreach. Full-time summer contracts available for up to two years to help establish research program. Required: Ph.D. in Environmental Microbiology, Molecular Biology, Plant Pathology, Wood Science or related disciplines with demonstrated experience/ background in biological degradation and preservation of bio-based materials and/or bio-renewable resources. Ph.D. must be obtained by date of appointment. Please send your resume, cover letter, 2-3 page summary of teaching plans and experience, research plans and experience, official transcript, and names and addresses of three references to Dr. Simo Sarkanen, Chair, Search and Screening Committee, Department of Bio-based Products, 203 Kaufert Laboratory, 2004 Folwell Avenue, St. Paul, MN 55108; ph: (612) 624-6227; fax: (612) 625-6286; e-mail: sarka001@umn.edu. Initial screening of applicants will begin February 01, 2006. Applicants will be considered until position is filled. For further information visit our websites: www.cnr.umn.edu/BP and www.bae.umn.edu. The University of Minnesota is an equal opportunity educator and employer.

Hello, my name is Larry Lines. I am the Plant Manager for Gutchess Lumber, Latrobe Pa. I am very interested in having several students for an **internship program for the summer**. We have operations in Kiln Drying, Lumber Processing (Both Green and Dry) and Dimension Mill Activities. I would like you to contact me if you're interested in more info. We will pay \$10 / Hr and put the student up for the summer. We are interested in students with high potential are team oriented. Thanks, Larry Lines. (1-724-972-7874)

LOUISIANA STATE UNIVERSITY GRADUATE STUDENTS



DOUG'S AMUSEMENTS CORNER



Most scientists regarded the new streamlined peer-review process as 'quite an improvement.'

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.

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SWST Newsletter

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