

**52nd SWST Annual Convention Minutes
June 24, 2009
Doubletree Boise-Riverside
Boise, Idaho**

**11:45 - 1:30 pm
Laurel Room**

Business Meeting

Award Presentations

George Marra Awards

First Place --- Heiko Thoemen and Christian Ruf, "Measuring and simulating the effects of the pressing schedule on the density profile development in wood-based composites" published in Vol. 40, No. 3

Second Place --- Brad Jianhe Wang, Chunping Dai, and Steve Wharton, "Impact of mountain pine beetle-attacked lodgepole pine logs on plywood manufacturing" published in Vol. 40, No. 3

2008-2009 committee members were: Chair: Thomas Eberhardt, Kurt Bigbee, Steve Kelley, and John Phelps.

Fellow Award

Douglas D. Stokke

Distinguished Service Award

Carol B. Ovens and Thomas E. McLain

Student Poster Competition Award

First Place – Arijit Sinha, Wood-based Composite Center Fellow, Oregon State University, Corvallis, OR 97331 "Thermal Degradation of Strength of Plywood and OSB: A Kinetics Approach"

Second Place – Günter G. Modzel, Graduate Research Assistant, Oregon State University, Corvallis, OR, 97331, "3-D micron-scale assessment of an adhesive bond in response to cyclic moisture"

Third Place –Zeki Candan, PhD Candidate, Research Assistant, Department of Forest Products Engineering, Forestry Faculty, Istanbul University, Bahcekoy, Sariyer, 34473, Istanbul, Turkey "Thickness Swelling, Water Absorption and Vertical Density Profile of Medium Density Fiberboard Panels Affected by Continuous Press Pressure"

The other participants in the competition and their posters were:

Jie Ding, Oregon State University, 263 Richardson Hall, Corvallis, OR 97331
Morphology Based Modeling of Micro-Mechanics and Failure Mechanisms in Bio-Materials with Polymer Matrices

Ning Guo, Oregon State University, 119 Richardson Hall, Corvallis, OR 97331
Hygro-mechanical response of clear softwood specimens to compression under cyclic climate

Farzana Hussain, Department of Materials Science and Engineering, Oregon State University Corvallis²Wood Science and Engineering, Oregon State University, Corvallis, OR 97331
Development of Test Methods for the Tensile Fatigue Properties of Wood-PVC Composites

Nathan E. Irby, Hofmann Fellow, North Carolina State University; Terry L. Amburgey, Professor, Shane C. Kitchens, Assistant Professor, Mississippi State University
Anti-Sapstain Biocides for Fresh Southern Hardwood Logs When Delays Occur between Felling and Water-Spray Storage

Michael Karas, Oregon State University, 119 Richardson Hall, Corvallis, OR 97331
Sustainable Bio-Composites for West Coast Highways

Natalie Mascia, Oregon State University, 119 Richardson Hall, Corvallis, OR 97331
Examining the Effect of Price, Wood Source, and Environment Certification on Architects' Purchase Decisions of Wood Flooring

Juan Jacobo Paredes, University of Maine, School of Forest Resources and AEWC, Orono, ME 04469
Volatile Organic Compound Emissions and Performance of OSB from Extracted Southern Yellow Pine

Judges for Student Poster Competition – Jim Armstrong, Fred Kamke, Jan Wiedenbeck, and Bob Rice

Minutes of 2008 Annual Convention - Published in the December 2008 Newsletter. A motion was made, seconded and passed to accept the 2008 Annual Convention Minutes.

President's Remarks – Jerrold Winandy

Several years ago I was given the great responsibility and opportunity to represent you, the members of SWST, on the Executive Board. In this endeavor, I have also had the honor and privilege to work with many great fellow Executive Board members. I strongly encourage those of you who want the challenge to step forward. We need your talents

and your energy to keep this momentum we have gained moving forward. It truly has been an exhilarating experience for me and it will be for you too.

Over these last few years we have striven to:

- 1) Insure the financial stability of SWST
- 2) Enhance the influence and outreach of SWST into international communities
- 3) Improve services to members:
 - Faster publication time in Wood and Fiber Science
 - Improved scientific impact factor for W&FS
 - Additional opportunities for travel grants
 - Improved member Newsletter for speedy information sharing
- 4) Development of new focus for SWST
 - Revised Mission, Vision, and Goals
 - Revised Strategic Plan
 - Developed new National Research Needs Assessment
- 5) Rebuild linkages with old and new affiliates (e.g., FPS, ASCE, Agenda 2020, PPERA, IUFRO etc.)

This is an exciting time for SWST. We are standing at a crossroads that presents an opportunity that may affect the future of wood science and its technologies as never before. If public perceptions truly start to favor public policies that encourage sustainable biomaterials and bio-based energy, then the need for our talents and science will explode.

I thank you for your support and encourage each of you to work with us to move SWST and our field of science forward. Today’s meeting program is geared to prepare us for that future.

Thank you.

Jerrold E. Winandy, President July 2008-June 2009

Executive Director's Report – Vicki Herian

Current Members as of June 1, 2009

Full members	297
Student members	72
Retired members	39
Emerging Full	9
Emerging Student	<u>5</u>
TOTAL	422

Members as of June 1, 2008

Full Members	296
Student members	61
Retired members	40
Emerging Full	8
Emerging Student	<u>6</u>
	411

USA members	299
Canada members	50
Mexico members	3
Overseas members	70

Subscribers as of June 1, 2009

Subscribers	189
USA	84
Canada	14
Mexico	0
Overseas	91

Subscribers as of June 1, 2008

Subscribers 192

Delinquent Members

Delinquent members as of 6/1/09 for 2009 dues: 71 total – 36 full, 32 student, 3 retired
Compared to delinquent as of 6/1/08 for 2008 dues: 50 total (22 full, 25 student, 3 retired)

Delinquent subscribers for 2009 as of 6/1/09: 36 total (14 USA, 22 foreign)

Compared to delinquent subscribers for 2008 as 6/1/08: 41 total (16 US, 25 foreign)

Vanguard Accounts and CD's

The balance in the five Vanguard funds was \$ 74,216.90 on March 31, 2009 (the date of the last statement). The current balance for the Vanguard Index Fund (student poster money) is \$10,039.91. The CD balance as of 3/31/09 was \$59,212.54. The savings balance is \$60,599.25

Checking Account

The balance in the checking account as of June 1, 2009 is \$ 59,956.26.

Student Poster Competition Fund History and Status

Contributors are: APA – The Engineered Wood Association, Asian Woods Company, Balazs Zombori, California Cedar Products, Entwood LLC, FPInnovations - Forintek, Iowa State University, Louisiana State University, Mississippi State University, North Carolina State University, Oregon State University, Pennsylvania State University, State University of New York (SUNY) ESF, Virginia Tech, University of British Columbia, University of Idaho, Washington State University, and Willamette Industries.

2008 Annual Conference

The first international meeting outside of North America was held on November 10-12, 2008 in Concepción, Chile at the Universidad del Bío-Bío, a cosponsor and co-organizer of the meeting. There were five sessions during the first two days dealing with (1) [Timber Engineering](#), (2) [Global Trade in Forest Products](#), (3) [Wood Quality: Challenges in the 21st Century](#), (4) [Advanced Processing of Timber in the 21st Century](#), and (5) [Technical Poster Session](#). Each session had a North American and South American Co-Chair. The last day of the Convention was a day-long tour of the area and the forest products

industry, beginning with a visit to Nueva Aldea (a combination sawmill, fiberboard, & paper mill) and continuing with a visit to Forestal Mininco's plantation and its nursery/greenhouse. The official languages of the Conference were English and Spanish. Simultaneous translations were available to all. There were 120 participants from 16 countries. Countries were: United States, Canada, Mexico, Brazil, Argentina, Chile, Uruguay, New Zealand, Germany, China, France, Australia, Norway, Switzerland, Finland, and Costa Rica. All the participants received a flash drive with the proceedings of the meetings which included full papers of all presenters. Sponsors of the meeting were: Universidad del Bio-Bio, Concepcion, Chile; IUFRO (International Union of Forest Research Organizations Division 5 - Forest Products; CORMA – (La Corporación Chilena de la Madera); ATCP-Chile (Asociación Técnica de la Celulosa y el Papel); USDA Forest Service; TECO (Timber Engineering Company); Forestal Mininco S.A.; Arauco; Akzo Nobel; and Oxiquim. We have received \$500 from TECO, \$250 from Informa UK Ltd, and \$5000 from USDA FS for monetary sponsorship.

2010 Annual Conference

The 2010 International Convention will be held in Geneva, Switzerland October 11-15, 2010, at the Palais des Nations, in conjunction with the UNECE/TC meetings. I will be attending the 2009 UNECE/TC meeting October 12-15, to see how they operate, get a feel for how and where we will fit in, confirm a hotel and other local arrangements, and work with Dr. Pepke to make arrangements. I have identified several alternative hotels to the Intercontinental Hotel, which would have lower room rates, and will tour all of them. Sue Anagnost, who will be President at that meeting, is working on the program with a possible topic area of green materials and buildings. IUFRO Division 5 has agreed to co-sponsor this meeting and the 2012 meeting as well.

2011 International Convention

The 2011 Convention will be cosponsored by Forest Products Society in Portland, Oregon, June 22, 2011, at the Doubletree Hotel in Portland, Oregon.

2012 International Convention

Jerry Winandy and I spent a week in Beijing March 15-21. We met with CAF staff - Kelin Ye (Director of the Research Institute of Wood Industry) Jianxiong Lu (Deputy Director of the same institute), Manzhen Xiong (Deputy Director of Science and Technology Division of same institute), and various other people at CAF. We also began discussions with people from Woodlab, Beijing Forestry University, and China National Forest Products Industry Association who may be possible sponsors. We toured the CAF meeting facilities. We checked out some tour companies and the possibilities of guest tours and also industry tours. Jerry went to a MDF plant in the area and a Wood Market (a glorified Home Depot). Other industry tour possibilities could be CAF if we don't hold the meeting there, INBAR (Bamboo and Rattan Society), Beijing New Building Materials Group which manufactures and exports flooring, furniture, and building materials. Some guest tour ideas are the Great Wall, Forbidden City, Temple of Heaven,

Baihei Park, Houhai area, Olympic Park, Summer Palace, Ming Tombs, and more. More than 1 day tours are also available to outlying cities.

We would like to hold the meeting August 27-31, 2012, in possible conjunction with Chinese Society of Wood Industry (CSWI) and/or Chinese Society of Wood Science. A possible scenario might be Monday the CSWI meeting, Tuesday and Wednesday and maybe Thursday morning (with CAF tour in the afternoon, the SWST meeting, Friday the industry tour, and offering either weekend on both sides as social/guest tour possibilities. Possible Session Titles were: Global Trade, Fundamentals of Wood Science, Advanced Processing, Sustainability and the Change Forest Resource.

Wood and Fiber Science Items

I have taken out an ad for Wood and Fiber Science in several Ebsco's marketing mechanisms - 2009 Booksellers' Handbook, Electronic Media Catalog, Sample Issue Program, and Serials Catalog. I have a new rate sheet that shows 2009 pricing and site licensing options. We are using Sheridan Press copy editor services for now that Carol has retired. Frank Beall and I are monitoring costs. Sheridan does have a TOC alert and will work with us to use it.

SWST Web Pages

All web pages have been updated as of May 2009.

The Committee Handbook for 2008-2009 has been emailed out during the year to committee chair and has been updated periodically. It can be found on the webpage under "Leadership". The 2009-2010 Handbook will be prepared in July and emailed to chairs and board members.

We've added student thesis and dissertations titles to the SWST webpage. You can find these at <http://swst.org/WFSThesisTitles.html>
We've advertised the Site License option now available for subscriptions to Wood and Fiber Science, to be used if companies have more than one IP address they would like for online access.

We've added a page to the website for pre-publication list of papers for W&FS volumes. This can be found at <http://swst.org/prePublication.html>

You can change your id number now to something that is more easily remembered by going to the Member Login page. You will have to enter your old number first, but then can change it. <http://swst.org/memberLogin.html>

Don't forget the Job Announcements page and the Resumes page

<http://www.swst.org/jobs.html>

<http://www.swst.org/resumes.html>

We will be sending out “Instructions on how to Browse the SWST Website and What’s There” soon to members.

Miscellaneous

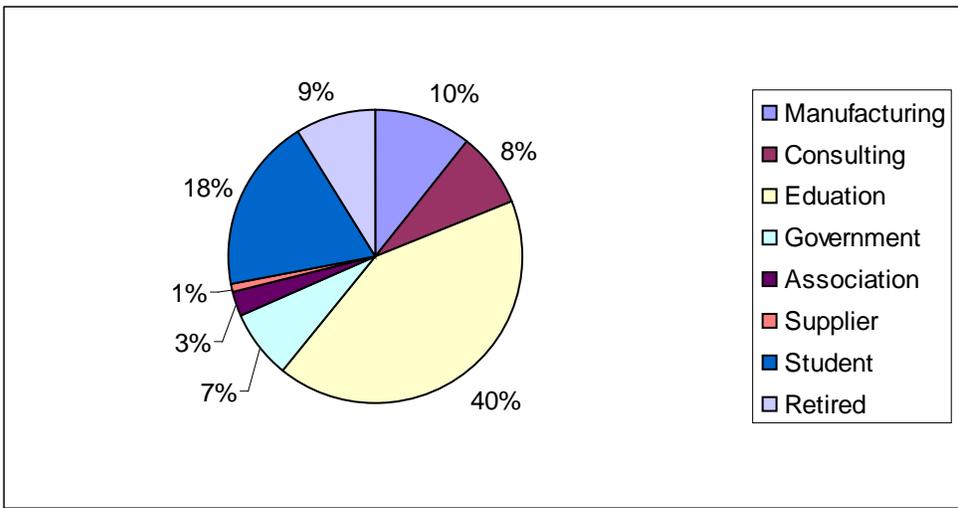
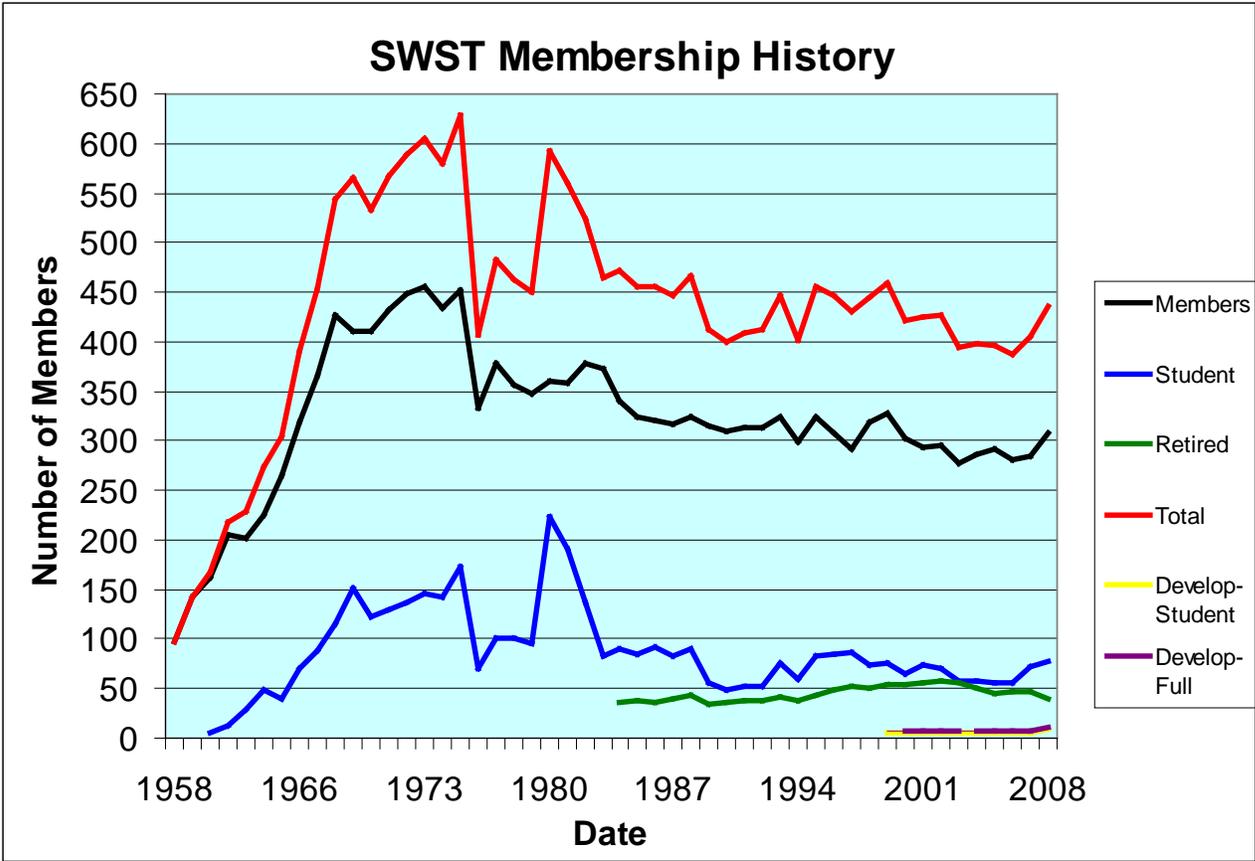
A Balance Sheet and Income Statement for January-December 2008 and one for January-May 31, 2009 are attached. The 2010 Budget is also attached.

As of June 1, 2009, the following is the status of delinquent page charges. They have been sent 2nd and 3rd email notices.

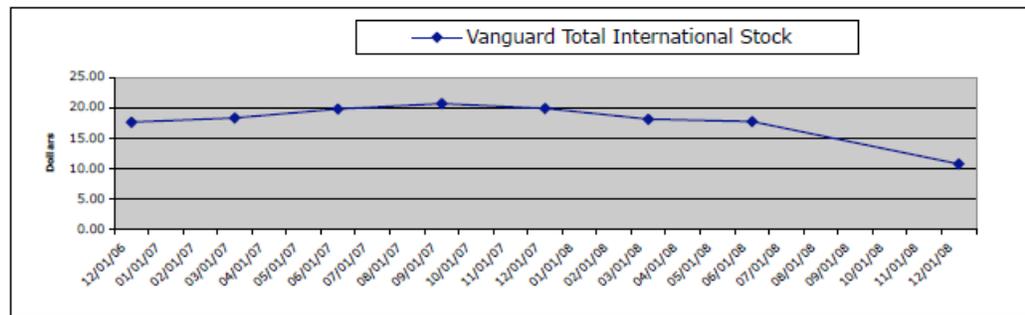
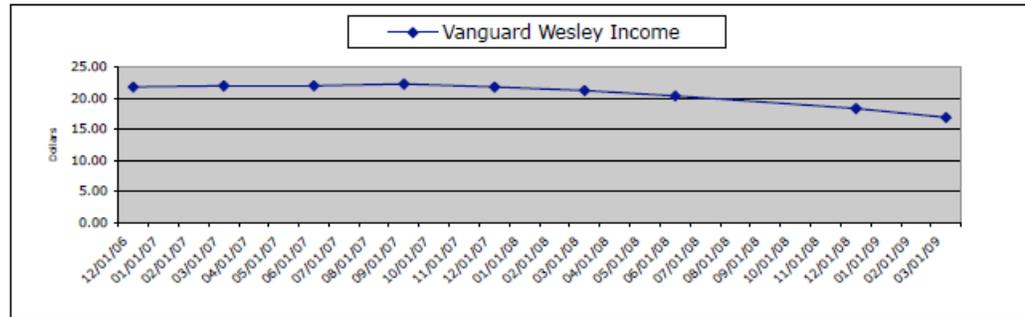
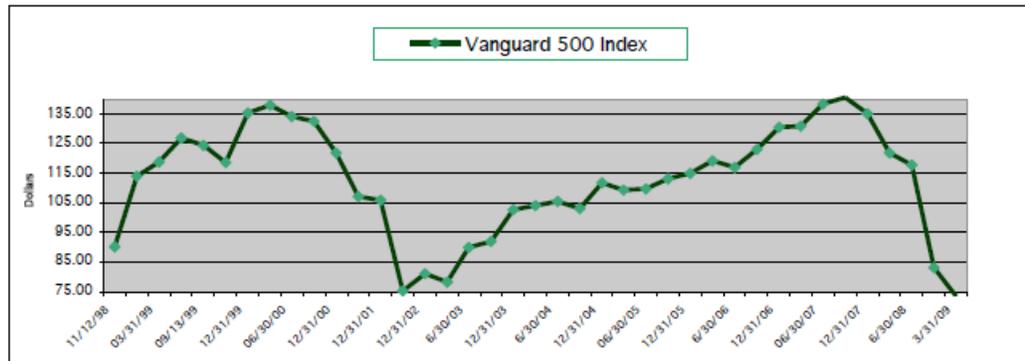
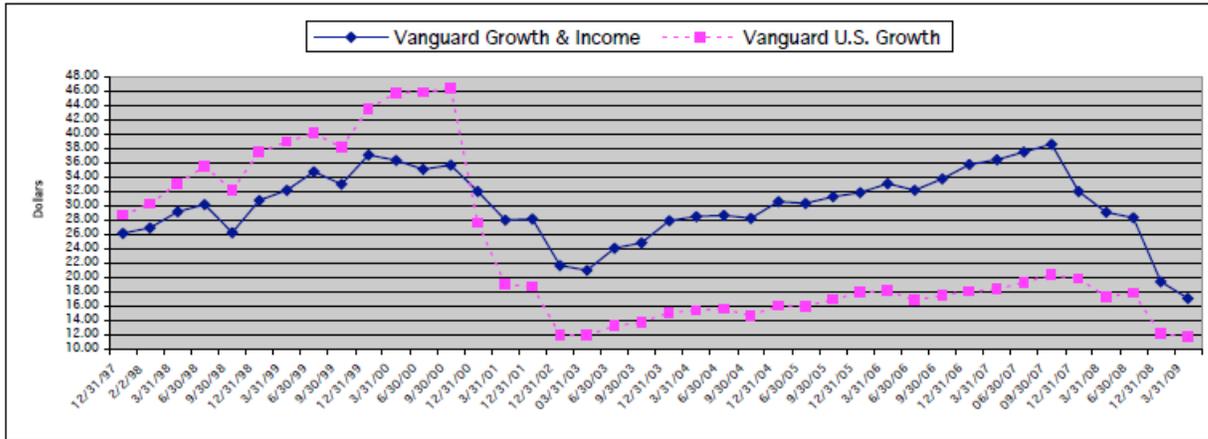
40(3) \$1620.00 Roos and Nyrod, Norwegian University of Life Sciences.

All of 41(2) have all been paid. 41(3) has just been invoiced, but have already received payment for 5 papers.





Share Prices - Vanguard Portfolio



Share Prices - Vanguard Portfolio

	<u>Vanguard U.S. Growth</u>	<u>Vanguard Growth & Income</u>
Beginning Balance	\$22,500.00 (2/2/98)	\$23,600.00 (2/3/98)
End Balance	\$12,814.02 (3/31/09)	\$22,213.84 (3/31/09)
Gain/Loss	-\$9,685.98	-\$1,386.16
	<u>Vanguard Money Market Reserves</u>	<u>Vanguard 500 Index Fund</u>
Beginning Balance	\$15,000.00 (2/3/98)	\$4,750.00 (11/12/98)
	-\$16,000.00 (xfr to checking)	\$7,500.00 (purchases-last 12/3)
End Balance	\$1,184.55 (3/31/09)	\$10,039.91 (3/31/09)
Gain/Loss	\$2,184.55	-\$2,210.09
	<u>Badger Campus CU (Summit CU Transfer)</u>	<u>Summit Credit Union--CD2</u>
Beginning Balance	\$28,295.84 (5/13/08)	\$25,000.00 (7/1/05)
End Balance	\$29,742.02 (5/13/09)	\$29,470.52 (3/31/09)
Gain/Loss	\$1,446.18	\$4,470.52
	<u>Wellesley Income</u>	<u>International Stock Index</u>
Beginning Balance	\$25,000.00 (10/20/06)	\$25,000.00 (10/20/06)
End Balance	\$22,874.18 (3/31/09)	\$15,130.31 (3/31/09)
Gain/Loss	-\$2,125.82	-\$9,869.69
	<u>Chase High-Yield Savings</u>	
Beginning Balance	\$100,000.00 (2/16/07--transfer from checking)	
Transfer out	-\$42,650.00 (8/20/07,8/12/08)	
Interest gain	\$3,249.25	
End Balance	\$60,599.25 (5/29/09)	
Gain/Loss	-\$39,400.75	

Budget Presentation

**FISCAL STATUS DECEMBER 31, 2008
BALANCE SHEET**

Total Assets	\$270,102.56
Total Liabilities	\$ 45,054.67
Total Equity	\$225,047.89
Total Equity & Liabilities	\$270,102.56

INCOME STATEMENT

	<u>2008 Budget</u>	<u>Actual 2008</u>
Total Income	\$163,950.00	\$195,741.41
Total Expenses	<u>\$150,500.00</u>	<u>\$186,741.75</u>
Budget Reserves	\$ 13,400.00	\$ 8,999.66

**FISCAL STATUS May 31, 2009
BALANCE SHEET**

Total Assets	\$264,024.86
Total Liabilities	\$ 125.21
Total Equity	\$263,899.65
Total Equity & Liabilities	\$264,024.86

INCOME STATEMENT

	<u>2009 Budget</u>	<u>Actual 5/31/2009</u>
Total Income	\$162,525.00	\$104,385.61
Total Expenses	<u>\$135,480.00</u>	<u>\$ 58,565.86</u>
Budget Reserves	\$ 27,045.00	\$ 45,819.75

2010 SWST Budget

<u>Category</u>	<u>Income</u>	<u>Expenses</u>	<u>Net</u>
W&FS	\$102,300	\$ 60,150	\$42,150
Dues	\$ 26,405		\$26,405
Member Services	\$ 3,975	\$ 27,250	\$(23,275)
Admin Services		\$ 29,031	\$(29,031)
Salary & Taxes		\$ 13,900	\$(13,900)
TOTAL	\$132,680	\$130,331	\$ 2,349

A motion was made, seconded and passed to accept the Executive Director's Report and Budget.

Wood and Fiber Science – Frank Beall

This is the quarterly report that coincides with the publication of an issue.

●41/2(April) has been issued with 10 research papers, the same number as in 41/1. As of this date, we have 14 papers in the review process, 5 being revised, and 9 completed or moving ahead to galley. The number of submissions has increased substantially (3 in Feb, 4 in Mar, 6 in Apr). I'm confident that we can increase the number of papers in our next two issues.

● No new books reviews have been recommended.

● 41/3 will contain two technical notes; one was received as a TN; the other was a downsized paper that had gone through many reviews.

● CORRIM special issue. At this time, we have 9 papers received (with a total of 12 planned) and two in review.

● Repeated below are the Impact Factors for the past two years; they're published about mid-year for the previous year, so we won't have the 2008 numbers until about mid-2009.

	2006	2007	Change (%)
Holzforschung	1.014	0.811	- 20
Wood Science and Technology	0.74	0.691	- 6.6
IAWA Journal	0.667	0.687	+3.0
Wood and Fiber Science	0.54	0.555	+2.7
Forest Products Journal	0.387	0.351	- 9.3
Holz 0.53, 0.68; WST 0.73, 0.80			

●Publication Report

As reported previously, below is both historical and current information.

Issue	40/1 (Jan)	40/2 (Apr)	40/3 (Jul)	40/4 (Oct)	41/1 (Jan)	41/2 (Apr)
Articles	14	16	16	18	10	10
Pages	132	163	168	200	100	103
Ave pub (mo)	13	14	11	9	6(7)*	6(4)*

*Starting with 41/1, time to publication has average times to preprint posting and hard copy issue.

Committee Reports

The Committee Reports were printed in the Newsletter and included in attendee packets.

Accreditation Committee – Rubin Shmulsky

Committee Responsibilities

1. Monitor deadlines for accreditation and notify all current SWST accredited programs of any upcoming reports or visits required in the next year. *Action: This task is up to date*
2. Coordinate and conduct on-site reviews of wood sci. and tech. programs at universities desiring accreditation.
Action: This task is up to date. Universidad Bio-Bio Chile has applied for accreditation. A site visit occurred there in the fall of 2008. The trip report is currently being composed. WVU has applied for reaccreditation. A site visit occurred there in April of 2009.
3. Prepare recommendations for the Executive Board regarding accreditation based on the visiting team's report. *Action: In progress*
4. Review and recommend action on Yearly Reports. *Action: Yearly reports from nine programs: SUNY-ESF, Univ. of ID, Univ. of ME, NC State Univ., PN State Univ., Univ. of MN, VA Tech, MS State Univ., and OR State Univ. have been received. These annual reports do not appear to illustrate changes that would move any of the programs below the minimum standards. It is recommended that the reports be accepted and that no further action be taken.*
5. Review the published standards and procedures for accreditation and recommend to Executive Board changes in the standards and procedures that would enhance the goals and needs of the profession, and improve the accreditation process. *Action: This activity is ongoing.*
6. Annually report accreditation committee activities to the Society through the Member Newsletter (April 15 deadline) and at the International Convention. Ensure that the table

of accreditation status published by the society is accurate and up-to-date. Provide periodic reports for Fall and Spring Board Meetings.
SWST Committee Handbook 2008-2009 12 12/23/08

Special Charge for 2008-2009:

1. Perform and report on Universidad del Bio-Bio Accreditation visit in November 2008.
*Action: Self study was received. Report from visiting team has not yet been received.
Recommendation: take no action until visiting team submits site visit report.*
2. Initiate 2009 West Virginia Accreditation. *Action: site visit accomplished, further action in progress.*
3. Inform the Executive Board of feedback for October 2008 W&FS Editorial on Accreditation. To date, *no feedback has been received by the committee chair*
4. Seek input from SWST members and identify potential university programs not currently accredited. *Action: Universidad bio-bio is under review, University of Laval is interested in exploring the SWST accreditation process.*
5. Review impact of recent revisions in Accreditations Handbook. *Action: ongoing*
6. Define the “core” competencies around which the SWST Accreditation Program should be based. *Action: No action to report to date.*

Education Committee – Jim Armstrong

The SWST Education Committee was given the following special charges for 2009:

- “Complete the directory of international wood science and technology academic programs for distribution to members, perhaps on the web. Submit to the Board by February 1, 2008.” A Microsoft Access database of programs is being completed by a graduate student under the direction of Dr. Eva Haviarova and is nearing completion.
- “Survey accredited programs and compile a guide of successful recruiting activities for distribution to members and program heads. Submit report to the Board by February 1, 2008.” This survey is the master’s degree project of a student in the Public Relations Department at WVU. It has yet to be completed.

E-mails were sent to university contacts requesting that the April SWST Newsletter be distributed to students along with information on joining the Society as student members.

The Education Committee sent an e-mail reminder to University contacts in May reminding them that graduate student thesis titles may be submitted for publication in *Wood and Fiber Science* and on the SWST web site. Guidelines for submission were

attached to the e-mail. As of this date, four thesis titles have been posted on the SWST web site in 2009.

A request came from the membership that the Education Committee develops a method to track graduates of programs (BS, MS, and PhD) to see where they are employed. The President will add this charge to their committee.

Membership – Sheldon Shi

1. The membership subscriber for SWST as of the end of May 2009
Paid for 2009:

Full: 305 (9 are emerging country)
Retired: 39
Student: 77 (5 are emerging country)
TOTAL: 422

2. A letter was sent to the emerging country mailing list two months ago. Many responses were received inquiring about the membership.
3. An email letter was also sent to the delinquent member email list. Some people response immediately indicating an interest to join the SWST membership.
4. An email letter was sent to student mailing list.
5. Dr. Tze (vice chair) has been busy working on the approval of the new applicants.
6. Many inquiries are from the international colleague (especially from the emerging countries) on membership fee payment method to join the SWST

Past Presidents' Council – Jim Armstrong

The Board of Directors asked the Past Presidents' Council to propose a "shelf life" for distinguished Service Award and Fellow nominations. After speaking to some of the Past Presidents at the International Convention in Concepcion, it seemed that three years is the optimum time. The Past Presidents' Council was polled in April and recommended that the following proposed addition to the DSA and Fellow Guidelines be forwarded to the Board of Directors for approval:

Nominations for the SWST Distinguished Service Award (SWST Fellow) will be considered for three years following their submission to the SWST Office. If the nominee is not selected within the three year period, updated nomination materials must be resubmitted for the candidate to be considered in subsequent years.

The Past Presidents' Council also proposes that the two active nominations for the DSA be grandfathered in for consideration again in 2010, after which the three-year rule (if approved) takes effect.

A request was made to the membership to submit nominations to the Council for DSA and Fellow for 2010. A request was also made for nominations for officers for 2010.

Policy and Critical Issues – Howard Rosen

Members –Sue Levan-Green, Eini Lowell, Bill Boehner, John Shelly, Bruce Lippke, Dan Wheat, Terrance Connors

1) Completed Position Paper on Woody Biomass for Energy Production in September of 2008

- Sent copies to key environmental advisors for Presidential candidates Barack Obama and John McCain
- Sent pre-release or copies of the Position Paper to over 170 people and organizations interested in biomass for energy throughout the United States

2) Began working on two new Position Papers:

- Advantages of using lignocellulosic biomass rather than food products for bioenergy, final sent to SWST Executive Board in May 2009
- Need for hazardous fuels reduction on public lands – final will be sent to SWST Executive Board by June 15, 2009

3) Wrote the Implementation Plan/ Next Steps to the National Research Needs Assessment in Wood Science and Technology Workshop Report.

4) Reviewed two SWST Policy/Position Papers from 2003 (Capacity in R&D) & 2004 (National Research Initiative) and determined with the help of the key authors that the time limit of 5 years had run out and they would be removed from the SWST web page so we could move on to more pressing issues.

5. An approach for contacting key people in government was sent to the SWST President and Executive Director

Publication Policy – Chen Zhangjing

Members, Dan Dolan, Zhang Jilei, David Carradin, David Jones, Judd Michael

1. I have sent more than 95 emails to the people at the different universities and institutions worldwide to ask them whether they have subscribed the W&FS. If not, ask them to consider subscribing to it. I also asked them whether there are any missing issues if the institution has subscribed to it.

I have received 7 responses.

Five responses said that they has subscribed to the Journal.

One is recommending the librarian to subscribe to it.

One institute is asking us to supply its library the missing issues. I have given Vicki the contact information of the institute to fill out the missing issues.

2. Check through our current subscribers and see if there are obvious missing institutions that should be receiving the journal.

We have gone through the list and did not see any new institutions that can be added with our knowledge.

3. Video conference,

There are several ways we can use.

- a. Buy the equipment. The equipment can work with internet to have the video conference for free. The equipment costs about 4 thousands. The only initial cost involves.
- b. Use web host to organize video conference, the cost may vary with how many people and how long depending on the companies we use.
- c. We can download Skype and other programs and have video conference for free of charge. However, I have not seen any service allowing more than 2 people.
- d. There are some universities that have video conference facility. We can borrow their facility to use.

4. Investigating library based search engines.

Report on Investigating Library-Based Search Engines

The methodology written below determines which databases currently index *Wood and Fiber Science* and which databases SWST might want to ask to begin indexing the journal.

1. First we consulted the Serials Directory (available through the library's database list) and Ulrich's Periodical Directory (available at Mitchell Library Reference Desk of Mississippi State University) to get a listing of databases that currently index *Wood and Fiber Science*. After checking the information in Ulrich's against actual lists of journals indexed by the databases, we found that *Wood and Fiber Science* is currently indexed in the following databases:

- AGRICOLA
- CAB Abstracts
- (Ei) Compendex
- Chemical Abstracts (SciFinder Scholar)
- Current Contents: Agriculture, Biology & Environmental Sciences
- Current Contents: Engineering, Computing & Technology
- Forest Products Abstracts
- Materials Science Citation Index

- Science Citation Index (part of Web of Science)
- SCOPUS

2. Second, in order to get a better idea of possible databases we went to the library websites for Iowa State, MIT, Stanford, and UC Berkeley (see URLs below) to examine their lists of core engineering databases. The following seem to be the most relevant databases to target, and most of them are part of the CSA family of databases (http://www.csa.com/e_products/databases-collections.php), and most of them already index some related journals, such as *Wood Science and Technology*.

- Advanced Polymer Abstracts (CSA)
- Applied Science & Technology Full Text (CSA)
- Earthquake Engineering Abstracts (CSA)
- Engineered Materials Abstracts (CSA)
- Environmental Sciences & Pollution Management (CSA)
- INSPEC (<http://www.theiet.org/publishing/inspec/index.cfm>)
- Quakeline (http://mceer.buffalo.edu/infoservice/Quakeline_Database/default.asp)

3. Third, we also checked non-engineering databases that we have here at Mississippi State University, and the followings might be a good fit for *Wood and Fiber Science*:

- Academic Search Premier/Academic Search Complete (EBSCO)
- Business Source Premier/Business Source Complete (EBSCO)
- Biological Abstracts (Thomson Reuters)
- BIOSIS (Thomson Reuters)
- Environment Complete (EBSCO)

4. It might be a good idea to check Ulrich's and the Serials Directory for database information for related journals.

URLs for lists of engineering databases

- Iowa State
 - http://www.lib.iastate.edu/collections/db/indexabst_subj5.html
- MIT
 - Go to <http://libraries.mit.edu/vera> then select "Engineering & Technology (General)" from the subject list.
- Stanford
 - http://www-sul.stanford.edu/depts/eng/research_help/online_resources/article.html
- UC Berkeley
 - <http://www.lib.berkeley.edu/ENGI/listdbs.html>

Research Initiatives – Ted Wegner

The Committee's main focus has been to prepare a draft report from the National Research Needs Assessment Workshop that was held in St Louis on June 25, 2008. The purpose of this all-volunteer-led workshop was to develop and reach consensus on a unified and prioritized agenda for wood products research needs and opportunities among industry, universities and government. The expected benefits of having a unified and prioritized agenda are to help the wood products industry be more successful; unify and prioritize research needs from the several research agendas developed by various wood products stakeholder groups; increase research funding availability and better focus funding on critical research needs; identify underlying science required for new, enabling technologies; increase undergraduate and graduate educational opportunities that train people for jobs in the industry; and provide a forum for increased networking, coordination and leveraging of programs within the wood products research community. The workshop draft report is now nearing its final stages. Once this draft is complete it will be sent to the SWST Board of Directors for initial review and comment and then on to the workshop attendees for review and comment. The Research Initiatives Committee will then make the needed changes and send the final report to the SWST Board of Directors for final approval and distribution. There have been many contributors to the draft and the help from these volunteers is much appreciated.

The American Forest & Paper Association (AF&PA) Agenda 2020 Technology Alliance has begun preparation of a new industry technology roadmap. The new roadmap will likely have a stronger pulp and paper focus as the majority of the Technology Alliance members are in this product sector. A Challenges and Issues Workshop was held on December 10 – 11, 2008 at AF&PA in Washington DC to identify broad strategic issues. The following six issues were identified as high priority:

- Reduce carbon emissions and energy consumption at mills and plants by eliminating fossil fuels from manufacturing operations and reducing whole mill energy intensity (energy per unit product) by at least 25% while maintaining all product properties
- Reduce water use by 50% by drastically reducing the amount of water used in pulping and papermaking; developing closed loop water systems; and developing technologies for reuse of effluent in plants after treatment to reduce fresh water intake
- Increase supply of and value from high-quality fiber and low-cost biomass by processing biomass with minimum supply chain costs and minimum ecosystem disturbance and extracting more value and better value streams from wood
- Develop new product features by increasing performance-weight ratio of paper and wood products dramatically; developing new substrates that minimize use of fiber, chemicals, and energy; and utilizing unique fiber components obtained through separation and disaggregation of woody biomass – e.g., nanocellulose
- Improve recovery and recycling of waste wood and fiber products by using non-fiber components more efficiently and developing new value-added uses for recovered paper and wood products

A follow up workshop was held on April 15 – 16, 2009 at Georgia Institute of Technology, Atlanta, GA to identify technology development pathways for each of the six areas. This follow up workshop was facilitated by a contractor who is also preparing

a draft report from this workshop. This draft report will eventually become the revised AF&PA Agenda 2020 Technology Roadmap. Distribution of the roadmap developed from these two workshops is goaling for September 2009. Several members of SWST including Howard Rosen and Ted Wegner participated in these workshops.

The NRNA Report has been emailed to all members and is on the webpage for review. The comments have been incorporated and it is now being asked for a final review within the next 30 days. Once the final report is finished, the document will be merged with the ASCE Group's document. We hope this will be in early fall and then will be ready to give to policymakers.

Visiting Scientist Program – Doug Stokke

Chair	Doug Stokke		07-09
Vice Chair	Brian Via		08-10
Past Chair	Jiliei Zhang		07-07
Members	Vikram Yadama		07-09
	Paridah Md. Tahir		07-09
<i>Ex officio</i>	Vikram Yadama	Board Liaison	06-10
<i>Ex officio</i>	Sheldon Shi	Chair Membership Committee	07-09

Visiting Scientists: The committee has received no requests for support under the Visiting Scientist Program since our last report to the membership in June 2008. Members are encouraged to participate in this program as both hosts and visiting scientists. Dr. Alexander Salenikovich, Université Laval, was approved for an International Professional Visiting Scientist grant in 2008, but sadly, he returned the funds and curtailed his overseas trip due to the passing of his mother. Thus far in calendar year 2009, we have received, reviewed and recommended for funding a proposal by Dr. Barbara Lachenbruch of Oregon State University to visit French Guiana in November 2009. The Executive Board has approved this recommendation for funding in the amount of \$2,000.

Student Travel Grants Program: This new program was developed, approved, and implemented for the 2008 Annual Convention in Concepción, Chile. Students who submitted complete and approved applications prior to the original program deadline received grants in the amount of \$1,000 each. These included Gloria Oporto (University of Maine), Daniel Fuentealba (Université Laval), and Oluwatosin Adedipe (West Virginia University). Students responding to an extended deadline with complete and approved applications received a grant of \$500 each. These included Sandeep Nair (University of Tennessee), Alawode Abiodun (University of Ibadan, Nigeria), Adebola Adebayo (West Virginia University), Victor Gaete-Martinez (University of Maine), Zanin Kavazovic (Université Laval), and Maria Manso Martin (Albert-Ludwig University, Germany).

New Initiatives (Special Charges): In response to the committee's special charge to improve participation in the Visiting Scientist Program(s), the committee has developed the following for consideration by the Executive Board: 1) A draft SWST Emerging Countries International Travel Grants Program; and 2) A concept for a "Wood Scientists Without Borders" program.

SWST Emerging Countries International Travel Grants Program

(Concept under consideration by the Executive Board)

Purpose: To promote the participation of SWST Members from Emerging Countries in the International Annual Convention (IAC) of the Society in those years in which the Meeting is held in North America

Rationale: The program will provide opportunities for International Members to participate in the IAC and will provide a further incentive for membership in the Society. This program is patterned after the Student Travel Grants program initiated in 2008 to assist students with travel expenses to the IAC in Concepcion, Chile. It is anticipated that the Student Travel Grants program will be continued in the even-numbered years coinciding with Annual Meetings held outside of North America. The Emerging Countries International Travel Grants Program is proposed to operate in the odd-numbered years coinciding with Annual Meetings held in North America.

Wood Scientists Without Borders

(Concept to be presented briefly to the Membership at the 2009 Annual Convention in Boise at the request of the Executive Board)

NOTE: The synopsis below is a summary of committee discussion on this idea. Dr. Vikram Yadama (Washington State University) is developing the concept into a recommendation.

The idea of Wood Scientists without Borders is to work with local communities to benefit them via small projects, using such projects to generate interest in SWST. How would SWST gain visibility and membership through such efforts? Some possible ways would be through working with overseas colleagues who may not currently be SWST members, by enlisting students to participate, and by sponsoring workshops in selected communities. Vik has talked with Professor Dan Dolan about the Engineers without Borders (EWB) program. Dan took some Washington State U. students to Africa to work on a water supply system for a small community. In brief, the EWB program solicits bids for projects through their website (<http://www.ewb-usa.org/>). Participants work with NGO's, government agencies, etc. to plan a project. Preliminary site visits, commitments from involved parties for financial and other resources, and fund raising efforts are typically components of the EWB program.

In SWST's case, we might begin with the idea of holding a workshop, perhaps in conjunction with a wood products trade show in a developing nation. This might

involve a couple of SWST members, perhaps funded at \$2,000 each to assist with travel expenses. Participants might negotiate with overseas partners for local expenses.

Vik Yadama and Doug Stokke gave a powerpoint about the new Wood Scientists Without Borders program. This will be available on the Society's webpages. There is much to be done to get this program started, but it is an exciting one. It was suggested that funding/supporting agencies such as Forest Service International Forestry, USAID, FAO, etc, be contacted to help with this program.

Old Business – Constitutional Amendment.

Constitutional Amendment and Bylaw Change Ballot **(Bold and *Italics* indicate changes)**

Article III – Membership – (Old)

Section 1. Membership shall consist of professional members, student members, ***and affiliate members.***

Section 2. Only professional members shall be eligible to vote and hold elective office.

Section 3. A professional member shall:

- a) hold a bachelors degree from an SWST-accredited program; or
- b) hold a bachelors or higher degree, or the equivalent, from a qualifying college or university within a discipline related to wood science and technology, and have met the education or experience requirements specified in the Bylaws.

Section 4. ***An affiliate member shall be an individual who has interest in furthering the purposes and objectives of the Society, but who is from a country where the cost of membership is prohibitive.***

Section 5. A student member shall be an undergraduate or graduate student in a qualified college, university, or scientific school as specified in the Bylaws.

Article III – Membership – (New)

Section 1. ***Membership shall consist of professional members and student members.***

Section 2. Only professional members shall be eligible to vote and hold elective office.

Section 3. A professional member shall:

- c) hold a bachelors degree from an SWST-accredited program; or
- d) hold a bachelors or higher degree, or the equivalent, from a qualifying college or university within a discipline related to wood science and technology, and have met the education or experience requirements specified in the Bylaws.

Section 4. A student member shall be an undergraduate or graduate student in a qualified college, university, or scientific school as specified in the Bylaws.

Bylaws

III. Requirements of affiliate membership – Delete and replace with below III

A. An affiliate member shall be from a "qualifying" country where the cost of membership in the Society would be prohibitive. The affiliate member should have the same requirements for membership as listed in Article II above.

B. Affiliate members will be selected by the International Relations Committee, who will have sole responsibility for defining "qualifying countries" and approving requests for membership.

C. Affiliate membership will be granted for three years, with unlimited extensions on approval of the committee. Affiliate members will be non-voting and receive only the Newsletter.

D. Affiliate members cannot make up more than 20 percent of the total membership.

III. Requirements of International Emerging Country membership

A. A member shall be from a "qualifying" country as recognized by SWST. Member should have the same requirements for membership as listed in Article II above. Note: Emerging Country Memberships include electronic access to publications only. No hard copies.

VII. Dues - Old

Dues shall be set yearly by the Executive Board.

Dues shall be payable on the first day of January. Members in arrears on the first day of March shall forfeit membership. Individuals who have been dropped because of nonpayment of dues may be reinstated upon payment of current dues.

Student members who qualify for voting membership during the calendar year may advance to the membership grade without additional dues for the remainder of the year. Members of any grade joining the Society during the calendar year will pay full dues for the year in which they join.

Affiliate members will be assessed no dues for membership.(delete)

VII. Dues - New

Dues shall be set yearly by the Executive Board.

Dues shall be payable on the first day of January. Members in arrears on the first day of March shall forfeit membership. Individuals who have been dropped because of nonpayment of dues may be reinstated upon payment of current dues.

Student members who qualify for voting membership during the calendar year may advance to the membership grade without additional dues for the remainder of the year. Members of any grade joining the Society during the calendar year will pay full dues for the year in which they join.

A motion was made, seconded and passed to accept the Constitutional and Bylaws Amendment. It will subsequently be sent out for letter ballot within 30 days of the meeting.

Teller's Report – Vicki Herian

The new Vice President is Todd Shupe, and the two new Directors are Steve Quarles and Sheldon Shi. 96 ballots were received.

New Business

President Jim Funck comments: I am honored and privileged to serve as your President this year. It is an exciting time for the Society as we move forward in our strategic planning process to ensure the long-term vitality of this organization. You will be hearing more about this as the year goes on. I would also like to personally thank Jerrold Winandy and Vicki Herian for their work to cover many of my commitments to the Society this past year. I'd also like to thank all the members who have volunteered for a wide variety of roles that form the backbone of our Society. We have a tremendous organization.

Jim Funck thanked Jerrold Winandy for his work as president last year and presented him with a plaque. He also thanked the outgoing Board Members – Nicole Brown, Eva Haviarova, and Jim Armstrong, for their work on the board for the past years.

Upcoming Conventions

- October 11-15, 2010 – Geneva, Switzerland, jointly sponsored with UNECE Timber Committee
- June 22, 2011 – Portland, Oregon, jointly sponsored with Forest Products Society
- August 27-31, 2012 – Beijing, China, jointly sponsored with Chinese Academy of Forestry.

A motion was made, seconded and passed to adjourn the meeting.

Respectfully submitted,



VICTORIA L. HERIAN
Executive Director