

# Impact



A Report from the American Wood Council of the American Forest & Paper Association

July/August 2004

## Massachusetts Fire Safety Bill

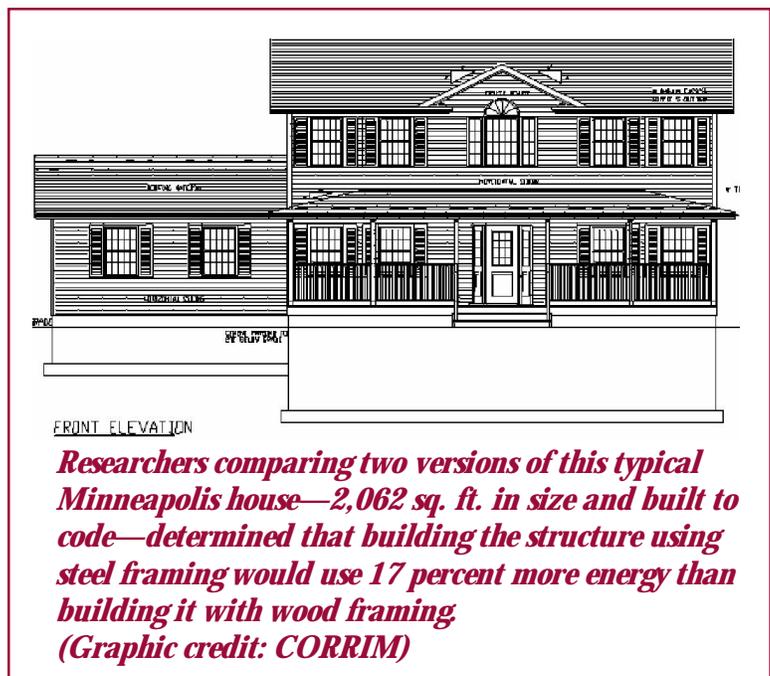
AF&PA's American Wood Council and State Government Affairs Dept. together lobbied successfully to amend fire safety legislation (H. 4550) that passed the Massachusetts legislature earlier this month. Had AF&PA's amendment not been adopted, the bill would have precluded the use of wood construction materials in certain applications and consequently blocked industry's access to important components of the building market in the Commonwealth. Massachusetts Governor Romney signed the bill into law on Aug. 17.

The bill was introduced in response to last year's Station Night Club fire in Rhode Island, where a number of Massachusetts residents perished. AF&PA supported the bill's objective of increasing fire safety. The concern was with a section of the bill, which would have required certain facilities, including dorms, respite care facilities, nursing homes, and assisted living facilities to be Type 1B (non-combustible) construction. This designation would have required that structural materials be concrete, steel, or masonry, and would have prohibited use of other materials, including wood. *(see Massachusetts, pg 4)*

## Lowering Environmental Costs of Home Construction

Most energy that goes into building U.S. homes is consumed—not by power tools, welding or trucking during construction—but during manufacture of building materials, according to a comprehensive life-cycle assessment comparing typical wood-, steel- and concrete-frame homes.

Using the least energy-intensive building materials—and taking steps toward such things as recycling and reusing more building materials—makes sense, considering the nation's energy concerns and attendant issues of pollution and global warming, according to the University of Washington's Bruce Lippke, professor of forest resources. He and 22 other authors recently published a report tallying the environmental impact of home construction. *(see Lowering, pg 2)*



*Researchers comparing two versions of this typical Minneapolis house—2,062 sq. ft. in size and built to code—determined that building the structure using steel framing would use 17 percent more energy than building it with wood framing  
(Graphic credit: CORRIM)*

**(Lowering, continued from pg 1)**

Considering the energy required to produce building materials, construct, maintain and demolish a house on a time period of 75 years is one part of a cradle-to-grave analysis known as a life-cycle assessment. In this case, researchers determined that construction of a hypothetical Minneapolis steel-

frame home used 17 percent more energy than the matching wood-frame home. Similarly, constructing the study's hypothetical Atlanta concrete-frame home used 16 percent more energy than a matching wood-frame house. The designs in both cases were typical of homes in those regions. See Table below for more details.

Environmental Performance Indices for Residential Construction				
With two exceptions, all of the construction index measures had considerably lower environmental risk for the wood-frame designs in Atlanta and Minneapolis compared to the non-wood frame designs. (Note: GJ = gigajoules.)				
<b>MINNEAPOLIS HOUSE</b>	<b>Wood Frame</b>	<b>Steel Frame</b>	<b>Difference</b>	<b>Steel vs. Wood (% change)</b>
Embodied Energy (GJ)	651	764	113	17%
Global Warming Potential (CO <sub>2</sub> kg)	37,047	46,826	9,779	26%
Air Emission Index (index scale)	8,566	9,729	1,163	14%
Water Emission Index (index scale)	17	70	53	312%
Solid Waste (total kg)	13,766	13,641	-125	-0.9%
<b>ATLANTA HOUSE</b>	<b>Wood Frame</b>	<b>Concrete Frame</b>	<b>Difference</b>	<b>Concrete vs. Wood (% change)</b>
Embodied Energy (GJ)	398	461	63	16%
Global Warming Potential (CO <sub>2</sub> kg)	21,367	28,004	6,637	31%
Air Emission Index (index scale)	4,893	6,007	1,114	23%
Water Emission Index (index scale)	7	7	0	0%
Solid Waste (total kg)	7,442	11,269	3,827	51%

The house designs were analyzed in the study by the Consortium for Research on Renewable Industrial Materials (CORRIM), a research group started by 15 universities and research institutes, see <http://www.corrim.org/>. A 12-page summary recently published in the *FPS Forest Products Journal* and the full report are available at <http://www.corrim.org/reports/>. Life-cycle inventory international protocol experts reviewed the report and information from this study is slated to become part of the Department of Energy's life-cycle inventory database for designers and engineers at <http://www.nrel.gov/lci/>.

The report offers many suggestions of other opportunities to reduce energy demands of home construction that include:

- Redesigning houses to use less fossil-fuel intensive products;
- Changing building codes that result in excessive use of wood, steel and concrete;
- Recycling demolition wastes; and
- Increasing durability of homes through improved products, construction designs and maintenance practices.

CORRIM has started a new \$1 million research project that expands the current effort to include all U.S. wood-product supply regions, other non-structural wood products, and additional research on design and process changes to reduce environmental burdens.

For more information, contact Bruce Lippke at 206/543-8684 or [blippke@u.washington.edu](mailto:blippke@u.washington.edu).

## AWC Technical Committee Meeting

More than 40 industry technical representatives joined AF&PA staff for three days of in-depth discussion and meetings on AWC technical programs for 2004-2005. The annual Technical Committee and Subcommittee meetings provided a lively forum for discussion of a wide range of issues, including industry strategies related to fire, structural engineering and design. Following is a summary of action taken by the various committees on behalf of the industry:

### ■ AWC Subcommittee on Structural Design

- Recommended that the 2005 Wood Design Package address both allowable stress design (ASD) and load and resistance factor design (LRFD) for wood. The new package will consist of the following components:
  - *2005 National Design Specification® (NDS®) for Wood Construction* and *2005 NDS Commentary*
  - *2005 NDS Supplement: Design Values for Wood Construction*
  - *ASD/LRFD Special Design Provisions for Wind and Seismic (SDPWS)*
  - *Wood Design Manual*
- Recommended release of a new AF&PA information sheet on fastener corrosion in treated wood.
- Reviewed draft building code change proposals to clarify conventional construction provisions in the *International Building Code (IBC)*, add updated reference to the *2005 NDS* for ASD, add reference to the *2005 NDS* for LRFD, and add a reference to *SDPWS* for lateral design provisions.
- Reviewed ongoing projects and recommended structural priority research items for 2005.

For more information, contact [Phil Line](#) at 202/463-2767.

### ■ AWC Subcommittee on Fire Performance of Wood

- Reviewed status of AF&PA/U.S. Fire Administration (USFA) joint project to develop firefighter safety technology related to wood products.

- Recommended that AWC become active in ASTM Task Groups developing new wildland/urban interface test methods for walls, roofs and decks.
- Recommended continued support for Society of Fire Protection Engineers' (SFPE) development of *Engineering Guide on Fire Exposures to Structural Elements*.
- Reviewed National Fire Protection Association (NFPA), ASTM, and USDA Forest Products Lab (FPL) research and standards development activities.
- Reviewed ongoing projects and recommended fire priority research items for 2005.

For more information, contact [Dr. Kuma Sumathipala](#) at 202/463-2763.

### ■ AF&PA Wood Design Standards Committee

- Reviewed Ballot 4 results on the dual-format 2005 *NDS* and recommended resolutions on Ballot 4 comments. All ballot items passed; therefore, the 2005 *NDS* has completed WDSC balloting. A 60-day public ballot will be issued in accordance with WDSC rules. Approval as an ANSI standard is expected by the end of the year.
- Reviewed Ballot 4 results on the 2005 *Special Design Provisions for Wind and Seismic* and recommended resolutions on Ballot 4 comments. Ballot 5 will address substantive changes and findings of "non-persuasive" that are recommended in resolution of Ballot 4 comments. Approval as an ANSI standard is expected by the end of the year.
- Reviewed plans to begin review and balloting of a new *Permanent Wood Foundation (PWF) Design Specification* and the *2008 Wood Frame Construction Manual (WFCM)*.

For more information, contact [Brad Douglas](#) at 202/463-2770.

## Wood Engineering Lifetime Achievement Award

The American Wood Council presented the FPS/AWC Wood Engineering Lifetime Achievement Award to Dr. Jozef Bodig at the Forest Products Society Annual Meeting in Grand Rapids, MI. Dr. Bodig is Professor Emeritus of Wood Science and Civil Engineering at Colorado State University, with 40 years of contributions to the field of wood engineering.

The Wood Engineering Achievement Award was established in 1996 by the Wood Engineering Division of the Forest Products Society and is cosponsored by AF&PA's American Wood Council. The award recognizes excellence in wood engineering and alternates each year between: Lifetime Achievement, Young Engineer, and Engineering Innovation. The Award consists of an engraved plaque and an honorarium provided by AWC.



*The American Wood Council recently presented the Wood Engineering Lifetime Achievement Award to Dr. Jozef Bodig at the Forest Products Society Annual Meeting.*

In awarding Dr. Bodig, the Judging Committee valued the following information in his nomination:

Perhaps the most consequential among his accomplishments was his leadership role in developing the first reliability-based design procedures for any wood structures (specifically for wood power utility structures). He later was a leader in a three-year, \$1.7 million industry initiative to develop a comprehensive probability-based design code for wood structures.

For more information, contact [Buddy Showalter](#) at 202/463-2769.

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### *(Massachusetts, continued from pg 1)*

AF&PA argued that fire safety is not measured by material, but rather by how these materials perform under extreme conditions. Fire resistance of building assemblies is established by a recognized standardized test, ASTM E119, which does not distinguish between materials used in the tested assemblies. Instead, construction materials are tested and rated on their ability to withstand identical conditions.

AF&PA also pointed out that model building codes, such as the *International Building Code* and the *NFPA 5000 Building Code*, recognize

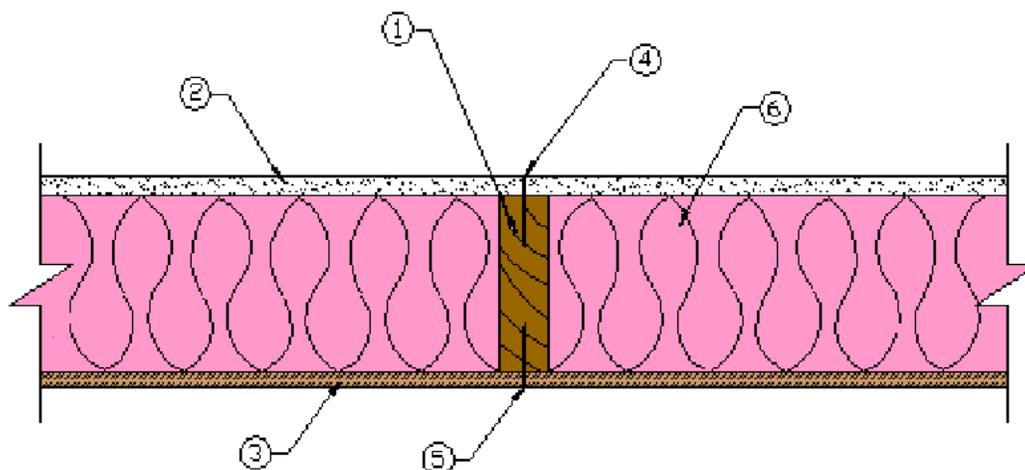
sprinklering, means of exit, and fire detection systems as most effective in increasing life safety. In fact, at hearings on the Station Night Club fire, the NFPA Life Safety Code Assembly Occupancies Committee identified increasing the number of required sprinklers in buildings as the most effective option in preventing similar tragedies. Neither building code, nor the NFPA standard, provides any justification for material restrictions.

For more information, contact [Sam Francis](#) at 610/869-4774.

### DCA-3: Fire-Rated Wood Floor and Wall Assemblies

Continuing a successful string of ASTM E119 fire resistance tests on wood frame assemblies, AWC recently conducted a successful full-scale fire test on a 2x6 wood stud wall tested at full design load. The new assembly, notable because of the inclusion of R-19 fiberglass insulation with 5/8" Type X Gypsum on the exposed side and 3/8" OSB on

the unexposed side (see figure), passed the one hour E119 fire test. This latest assembly will be incorporated into AWC's *DCA No. 3 - Fire-Rated Wood Floor and Wall Assemblies*, located on AWC's website at [http:// www.awc.org/Codes/dcaindex.html](http://www.awc.org/Codes/dcaindex.html). For more information, contact Brad Douglas at 202/463-2770.



1. **Framing**—Nominal 2x6 wood studs, spaced 16 in. o.c., double top plates, single bottom plate.
2. **Interior Sheathing**—5/8 in. Type X gypsum wallboard, 4 ft. wide, applied vertically. All panel edges backed by framing or blocking.
3. **Exterior Sheathing**—3/8 in. wood structural panels (oriented strand board), applied vertically, horizontal joints blocked.
4. **Gypsum Fasteners**—2-1/4 in. Type S drywall screws, spaced 7 in. o.c.
5. **Panel Fasteners**— 6d common nails (bright) - 12 in. o.c. in the field, 6 in. o.c. panel edges.
6. **Insulation**—R-19 fiberglass insulation.
7. **Joints and Fastener Heads**—Wallboard joints covered with paper tape and joint compound, fastener heads covered with joint compound.

<b>Building Codes &amp; Standards Items</b>		
<p><b>Purpose:</b> AWC protects and expands the recognition of wood products in model, state and local building codes. AWC's building codes department develops and advocates code changes, actively participates in committee activities, provides information to regulatory officials, and advocates the acceptance of industry publications and guidelines.</p>		
<b>Event/Meeting</b>	<b>Results</b>	<b>Contact</b>
Missouri Association of Building Officials and Inspectors (MABOI)	Participated in discussions leading to the formation of a regional code association and adoption of uniform statewide codes between Illinois and Missouri.	Paul Coats 815/724-0048 <a href="mailto:paul_coats@afandpa.org">paul_coats@afandpa.org</a>
New York City Referenced Standards Committee	Provided testimony on modification of consensus standards in code text to ensure equitable treatment for wood products.	Sam Francis 610/869-4774 <a href="mailto:sam_francis@afandpa.org">sam_francis@afandpa.org</a>
American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE)	Provided industry input to energy efficiency and moisture management standards that influence and form basis of equivalent model building code requirements.	Jim Bowman 425/822-0179 <a href="mailto:jim_bowman@afandpa.org">jim_bowman@afandpa.org</a>
Eastern Regional Fire Code Action Committee	Monitored fire service input into the building code development process.	Sam Francis 610/869-4774 <a href="mailto:sam_francis@afandpa.org">sam_francis@afandpa.org</a>
Wisconsin Commercial Building Code Council (WCBC)	Participated in discussions to update the next edition of the Wisconsin Commercial Building Code.	Paul Coats 815/724-0048 <a href="mailto:paul_coats@afandpa.org">paul_coats@afandpa.org</a>
Indiana Association of Building Officials	Participated in a seminar on new wood treatments and their effects on connectors and fasteners, current and future code requirements, and industry recommendations.	Paul Coats 815/724-0048 <a href="mailto:paul_coats@afandpa.org">paul_coats@afandpa.org</a>
National Council of Structural Engineers Association's Code Advisory Committee	Reviewed proposals intended to provide consistency between <i>ASCE 7-05</i> and <i>IBC</i> . Gained tentative acceptance of the 2005 <i>NDS</i> ®.	David Tyree 719/633-7471 <a href="mailto:david_tyree@afandpa.org">david_tyree@afandpa.org</a>
Washington Association of Building Officials	Supported the advancement of building codes and standards such as the <i>NDS</i> and <i>WFCM</i> .	Jim Bowman 425/822-0179 <a href="mailto:jim_bowman@afandpa.org">jim_bowman@afandpa.org</a>

(continued on pg. 7)

<b>Building Codes &amp; Standards Items (cont'd)</b>		
<b>Event/Meeting</b>	<b>Results</b>	<b>Contact</b>
North Central Code Action Committee	Monitored discussions on code changes that may effect wood frame construction.	Paul Coats 815/724-0048 <a href="mailto:paul_coats@afandpa.org">paul_coats@afandpa.org</a>
ICC Log Structures Standard (ICC 400) Committee Meeting	Participated in developing structural and fire provisions for the standard.	Buddy Showalter 202/463-2769 <a href="mailto:buddy_showalter@afandpa.org">buddy_showalter@afandpa.org</a>

<b>Engineering Impact Items</b>		
<p><b>Purpose:</b> AWC develops state-of-the-art engineering data, technology, and standards on structural wood products for use by design professionals and building officials, to assure safe and efficient design and use of wood structural elements. AWC also reviews, coordinates, and conducts research on the structural and fire performance of wood products, systems and assemblies in support of the industry's code and regulatory programs to facilitate performance-based acceptance of wood products.</p>		
<b>Event/Meeting</b>	<b>Results</b>	<b>Contact</b>
ICC Consensus Committee on Hurricane Resistant Construction	Monitored revision of the <i>Standard for Hurricane Resistant Residential Construction SSTD 10</i> .	Brad Douglas 202/463-2770 <a href="mailto:brad_douglas@afandpa.org">brad_douglas@afandpa.org</a>
ASTM E05 Meeting on Fire Safety	Monitored and influenced changes being proposed to the E119 fire test standard by the Alliance for Fire and Smoke Containment and Control, to ensure equitable treatment for wood products.	Kuma Sumathipala 202/463-2763 <a href="mailto:kuma_sumathipala@afandpa.org">kuma_sumathipala@afandpa.org</a>
National Frame Builders Association (NFBA) Technical and Research Committee	Provided technical support to NFBA as they coordinate inclusion of criteria for standardized ring shank nails into the <i>NDS</i> .	Paul Coats 815/724-0048 <a href="mailto:paul_coats@afandpa.org">paul_coats@afandpa.org</a>
Building Seismic Safety Council's Code Resource Support Committee	Reviewed changes to the <i>IBC</i> for the 2004/2005 Code Development Cycle. The primary proposal intends to provide consistency between <i>ASCE 7-05</i> and <i>IBC</i> .	Phil Line 202/463-2767 <a href="mailto:philip_line@afandpa.org">philip_line@afandpa.org</a>

<b>Technology Transfer Impact Items</b>		
<b>Purpose:</b> AWC provides technical information, educational seminars, technical publications, and distance learning on wood design, for engineered and traditional wood products.		
<b>Event/Meeting</b>	<b>Results</b>	<b>Contact</b>
<b>Forest Products Society and Society for Wood Science and Technology</b>	Presented programs on AWC's technology transfer effort and AF&PA's Agenda 2020 activities.	Buddy Showalter 202/463-2769 <a href="mailto:buddy_showalter@afandpa.org">buddy_showalter@afandpa.org</a>
<b>Modular Building Systems Association</b>	Provided training on <i>2001WFCM and Workbook, Lateral Load Resisting Systems for Wood Construction, LRFD, NDS</i> , and building code topics in the <i>IBC</i> and <i>International Residential Code (IRC)</i> .	Robert Taylor 202/463-2771 <a href="mailto:robert_taylor@afandpa.org">robert_taylor@afandpa.org</a>
<b>Forest Products Company/ Florida Wood Council</b>	Presented a seminar on the cost and environmental benefits of using wood-frame construction.	Jeffrey Stone 727/367-0531 <a href="mailto:jeffrey_stone@afandpa.org">jeffrey_stone@afandpa.org</a>
<b>Georgia Pacific/Blue Linx Seminar</b>	Provided a seminar on lateral bracing requirements found in the <i>IRC</i> .	Sam Francis 610/869-4774 <a href="mailto:sam_francis@afandpa.org">sam_francis@afandpa.org</a>
<b>Northwest Building Officials and Code Administrators</b>	Discussed recent ICC code changes and delivered a seminar on the AF&PA <i>Wood Frame Construction Manual</i> .	Paul Coats 815/724-0048 <a href="mailto:paul_coats@afandpa.org">paul_coats@afandpa.org</a>
<b>Orlando and Tampa Architects and Building Officials</b>	Presented a seminar on the <i>International Building Code</i> to architects and code officials, in a program co-sponsored by Hoover Treated Wood Products.	Jeffrey Stone 727/367-0531 <a href="mailto:jeffrey_stone@afandpa.org">jeffrey_stone@afandpa.org</a>
<b>Illinois Protective Code Officials Conference</b>	Delivered seminar on wood deck inspection and construction.	Paul Coats 815/724-0048 <a href="mailto:paul_coats@afandpa.org">paul_coats@afandpa.org</a>

### **AWC Welcomes New Design Professional Members**

Thomas J. Burnette	David W. Haugland	Michael Korsak	Timothy A. Ross
Betty Chan	Richard D. Hendrickson	Melvin C. Laubscher, Jr.	Alan Schomberger
Mark A. Codispoti	Fresnel E. Hernandez	Brent Leatherman	Ryan Smith
Jeffrey B. Fertich	Houshang Jazbani	Jason Nicholas	James M. Thompson
James E. Gunn	Natalie Z. Johnson	Rodney M. Nohr	Michael F. Yawitch

## Free AWC Publications Recently Added to the Web



### ■ Span Tables for Joists and Rafters 1993

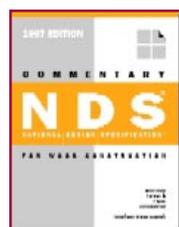
*Span Tables for Joists and Rafters, 1993 Edition* provides a simplified system for determining allowable joist and rafter spans for typical loads encountered in one- and two-family dwellings.

LRFD Manual  
FREE – while  
supplies last



### ■ Wood Structural Design Data, 1986 Edition with 1992 Revisions

Wood Structural Design Data, 1986 Edition, provides information related to design of typical wood structural members. These data are augmented by reference to the National Design Specification for Wood Construction, particularly on the subject of design stresses. Tabular data in this volume are presented as a convenient aid in design of most frequently encountered elements of wood structural framing.



### ■ 1997 National Design Specification (NDS) for Wood Construction - Commentary

A Commentary on the *National Design Specification for Wood Construction* was published in 1993. It contains background information concerning the provisions of the *NDS*, complete with historical development, example problems, and tables comparing the 1991 design provisions with earlier editions of the standard. An Addendum to the Commentary was added in 1997 outlining provisions of the 1997 *NDS*.



### ■ WCD 2 - Tongue and Groove Roof Decking

Timber tongue and groove decking is a specialty lumber product, constituting an important part of modern timber construction, that can be used for many applications to provide an all-wood appearance. Nominal three and four inch decking is especially well adapted for use with glued laminated arches and girders and is easily and quickly erected. This document contains all that's needed to design and construct tongue and groove wood roof decking.



### ■ WCD 4 - Plank-and-Beam Framing for Residential Buildings

The plank-and-beam method for framing floors and roofs has been used in heavy timber buildings for many years. The adaptation of this system to residential construction has raised many technical questions from designers and builders concerning the details of application. This publication presents technical data that will be helpful to students, architects, engineers and builders. It contains information pertaining to principles of design, advantages and limitations, construction details, and structural requirements for the plank-and-beam method of framing.



### ■ WCD 5 - Heavy Timber Construction

This publication defines the minimum requirements for heavy timber construction, and provides illustrations of good construction details. These are recommended to the architect and builder as a guide in developing a safe and economical form of construction.

Click on the titles of the publications above to be linked directly to the downloadable file from the AWC website.

## Future Meetings, Seminars & Wood Solutions Fairs

Visit [www.awc.org](http://www.awc.org) for specific location information and to fill out and save registration forms before printing, faxing, or e-mailing.

### Wood Solutions Fairs



Online  
Registration  
and Additional Information

- Phoenix, AZ—October 14, 2004  
Double Tree Resort (Scottsdale)
- Nashville, TN—November 9, 2004  
Gaylord Opryland Resort  
and Convention Center

### AWC Wood Design Seminars

- **2004 ICC Codes Forum Education Program**
  - *Introduction to Wood Design Standards Basics (Half-Day Program) Education Session 18*
  - Salt Lake City, UT
  - September 28 & 29, 2004
  - Contact: ICC—800/214-4321 x229
  - [Details & Registration](#)
  - AWC presenter: Paul D. Coats, PE
- **2004 ICC Codes Forum Education Program**
  - *WFCM Workshop: Design of Wood Frame Buildings for High Wind, Snow, and Seismic Loadings (One-Day Program) Education Session 22*
  - Salt Lake City, UT
  - September 28 & 29, 2004
  - Contact: ICC—800/214-4321 x229
  - [Details & Registration](#)
  - AWC presenters: Dr. Jeffrey B. Stone and Dr. Robert J. Taylor
- **Broward County Board of Rules and Appeals**
  - *Design of Wood Frame Buildings for High Wind, Snow, and Seismic Loadings (One-Day Program)*
  - Ft. Lauderdale, FL  
Florida Atlantic University



- November 17, 2004
- Contact: Elizabeth Swope—954/765-4500 x225; fax: 954/765-4504; or e-mail: [ESwope@broward.org](mailto:ESwope@broward.org)
- [Details & Registration](#)
- AWC presenters: Dr. Jeffrey B. Stone and Dr. Robert J. Taylor

### Other Wood Seminars

- **Virginia Tech, Blacksburg, VA**
  - *Structural Design with Wood*
  - November 16–18, 2004
  - Details & Registration: [www.conted.vt.edu/sdww/](http://www.conted.vt.edu/sdww/)



### Conferences and Workshops

- **Forest Products Society**
  - *Wood Frame Housing Durability and Disaster Issues*
  - Las Vegas, NV—Aladdin Resort & Casino
  - October 4–6, 2004
  - [Details & Registration](#)
- **USDA Forest Products Lab**
  - *Forest Products Nanotechnology Workshop*
  - Landsdowne, VA  
National Conference Center  
18980 Upper Belmont Place
  - October 17–19, 2004
  - Contact: 800/640-2684
  - [Details & Registration](#)
- **Forest Products Society**
  - *Manufacturing Competitiveness Conference*
  - New Orleans, LA  
Omni Royal Orleans Hotel
  - November 3–5, 2004
  - [Details & Registration](#)

## Adopt-A-University Program

TrusJoist - A Weyerhaeuser Business recently provided 55 *Allowable Stress Design (ASD) Manuals* and 55 *LRFD Manuals* to the Washington State University's (WSU) Design of Timber Structures and Advanced Wood Engineering courses. Professor Don Bender, who teaches the courses, responded, "Timber design is the most popular elective course in Civil Engineering (CE) at WSU. We appreciate the continuing support of TrusJoist - A Weyerhaeuser Business to our students and programs. Many of our top CE students specialize in wood engineering—and it should be no surprise that many choose careers with TJ-Weyerhaeuser."

In similar fashion, Boise Engineered Wood Products sponsored Virginia Tech's Timber Engineering class by providing 40 *Allowable Stress Design (ASD) Manuals* for their students. Professor Dan Hindman, noted, "These donations help defray student textbook costs and demonstrate the support of the wood products industry to timber engineering education."

For more information on how your company can sponsor AF&PA publications for students, contact [Buddy Showalter](#) at 202/463-2769.

## Building Component Safety Information (BCSI) 1-03 Booklet

Effective Jan. 1, 2004, BCSI 1-03 and 11 related summary sheets replaced the Truss Plate Institute's (TPI) "Handling, Installing & Bracing" (HIB) Booklet and Summary Sheet and WTCA's *Jobsite Warning Poster* and *Truss Technology in Building* documents addressing jobsite safety when building with trusses. To learn more about these documents or to place an order, visit <http://www.woodtruss.com/pubs/> or call 608/274-4849, ext. 8.

## Lacey Merriman-Doniff Joins AWC



AWC is pleased to welcome Lacey Merriman-Doniff to the American Forest & Paper Association staff. Lacey serves as Program Coordinator for the American Wood Council, responsible for the Design Professional Membership program, *IMPACT* newsletter, and

other Council support activities. You can contact Lacey at 202/463-2766 or by e-mail at [lacey\\_merriman-doniff@afandpa.org](mailto:lacey_merriman-doniff@afandpa.org). Welcome aboard, Lacey!

## Open House at Forest Products Lab

The USDA Forest Service Forest Products Laboratory (FPL) invites the public to an Open House on Sept. 18 from 10 a.m. to 3 p.m.

The lab is located in Madison, WI at One Gifford Pinchot Dr. (east of the VA Hospital, southwest of the WARF building, west of new electrical generation plant under construction).

The purpose is to acquaint the Greater Madison community with the work of the laboratory and how FPL research benefits their everyday lives.

FPL's experts will be available to answer homeowners' questions on Home Construction, Maintenance and Wood Preservation, Adhesives, Mold and Mildew, and new Building Technologies. Visitors can tour the 2,300 square-foot, 4-bedroom research-demonstration house and learn about the latest in home-building materials and techniques. There will also be demonstrations in the Engineering Mechanics Lab, an exhibit of original wood furniture, and more.

For information, call 608/231-9200.

### American Wood Council Mission Statement

To increase the use of wood by assuring the broad regulatory acceptance of wood products, developing design tools and guidelines for wood construction, and influencing the development of public policies affecting the use of wood products.



**Attention: Design Professional Members!**

- Attached is a Design Professional Member update form.
- If you are not currently listed in the **Design Professional Services Directory** and want to be—or need to update your listing, simply fill out the enclosed form and fax (202/463-2791) or mail it back to:

**AF&PA, American Wood Council**  
**1111 19th Street, NW, Suite 800**  
**Washington, DC 20036**

- You can also find the form online at: <http://www.awc.org/HelpOutreach/dpm/HowUpdate.html>

**DESIGN PROFESSIONAL MEMBERSHIP INFORMATION UPDATE**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Country: \_\_\_\_\_ Website: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Referred by: \_\_\_\_\_

Type of business: \_\_\_\_\_

*Types of services you offer—Information for Design Professional Services Directory (Circle):*

- |                          |                       |                            |
|--------------------------|-----------------------|----------------------------|
| Adhesives                | Architecture          | Building Codes             |
| Building Officials       | Consulting            | Engineering                |
| Fire Officials           | Fire/Physical Testing | Forensics (Expert Witness) |
| International Consulting | Lumber Grading        | Product Development        |
| Software Development     | Technical             | Marketing                  |
| Wood Technology          | Education/Seminars    |                            |

*Other services (description will appear exactly as printed—30 word maximum):*

Check here if you do not wish to be listed in the *Design Professional Services Directory*.