

Modular Building Institute

# MEMBER CONNECTION

A QUARTERLY NEWSLETTER FOR MBI MEMBERS

## PRESIDENT'S MESSAGE



This year MBI focused on several projects to provide the membership with valuable resources, services and learning opportunities to help your business become more effective and efficient.

New this year, MBI hosted a sold out tour of some of the most innovative modular factories and high-rises in England. MBI's convention this year was also one of its most successful conventions with nearly 500 attendees and 99% ranking the show as "excellent" or "good."

As part of its marketing and outreach efforts, MBI partnered with Building Design and Construction to sponsor a high-performance modular medical facility at Greenbuild built by NRB, Inc. The MBI Educational Foundation (MBIEF) also worked with McGraw-Hill Construction on the publication of a new report highlighting the advantages of modular construction. The report included the most comprehensive survey of the AECO community on modular to date with encouraging results about the outlook of our industry. In addition, MBI was able to partner with the International Code Council on disaster relief efforts.

MBI's advocacy efforts this year focused on establishing a good relationship with the ICC regarding the International Green Construction Code (IGCC), successfully positioning our industry in a "greener" light while softening some of the more onerous parts of the code. MBI was also involved in continued state advocacy efforts in California, New Hampshire, Pennsylvania, Massachusetts, and coordinated the industry's reply regarding a damaging report released by the Center for Disease Control.

Next year, MBI will also continue its work on the IGCC as well as focusing on getting modular friendly language into the International Building Code. MBI is also planning on increasing its outreach efforts to the AECO community through speaking engagements, training, advertising, and placed articles. The 2012 World of Modular in Orlando, Florida promises to be another stellar event with an entire track on green building and other educational sessions to help improve your business and grow our industry. MBI will also continue its "essentials of modular," BIM and project management training, its Modular Construction Summit in D.C. and will also host regional town halls across the U.S. and Canada. In addition, the MBIEF and MBI Canadian Foundation will continue to work on new research projects and initiatives to help propel our industry forward.

Throughout 2011, the MBI staff and board of directors and the many MBI committees worked hard to provide you with the membership benefits that would speak to your needs. And in 2012 we plan on working even harder! Your support has been critical to our success, and we ask that you continue to stay involved in shaping the future of our industry by renewing your membership today.

Sincerely,  
*Mike Ridley*  
MBI President

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2011

# Modular Construction Tour: ENGLAND

Left to right: Dan Meske, Noelle Meske, Hans Seemann, Rodrigo Prado, Jaime Pérez, Mauricio Cauvi, Octavio Pittaluga, William Begley, Yamile Ainzuan, Steven Williams, Alberto Hiza, Randy Ludwar, Tom Hardiman, Wesley Carter, David Tompos, Laurie Robert, Olli Vuola, Margaret Tompos, Don Robert, Bob McNeil, Bonnie McNeil, Linda Achan, Thad Kowalik, Clifford Cort, Kim Coates, Bob Mears, Tom Arnold, Neville Katz, Jim Brennan, Not pictured: Mark Cole, Susan Johnson, Trent Mostaert, Richard Scott



**MBI's England Tour last month was a big success.** The sold out tour included 35 attendees from seven countries with 100% of the attendees rating the event as 'excellent.'

Attendees had the opportunity to tour some of England's best commercial modular buildings: Victoria Hall Wolverhampton (right), a 25-story dormitory complex and the world's tallest modular building, and Victoria Hall Wembley (left), the second tallest modular building. The event also included tours of factories featuring the latest in advanced modular automation and building techniques: two leading light gauge steel, volumetric permanent modular manufacturers, Unite Modular Solutions and FutureForm Building Systems; and Elements Europe, an award-winning, high-volume pod manufacturer. The event also included a conference featuring presentations by UK experts on modular design, construction, and assembly.

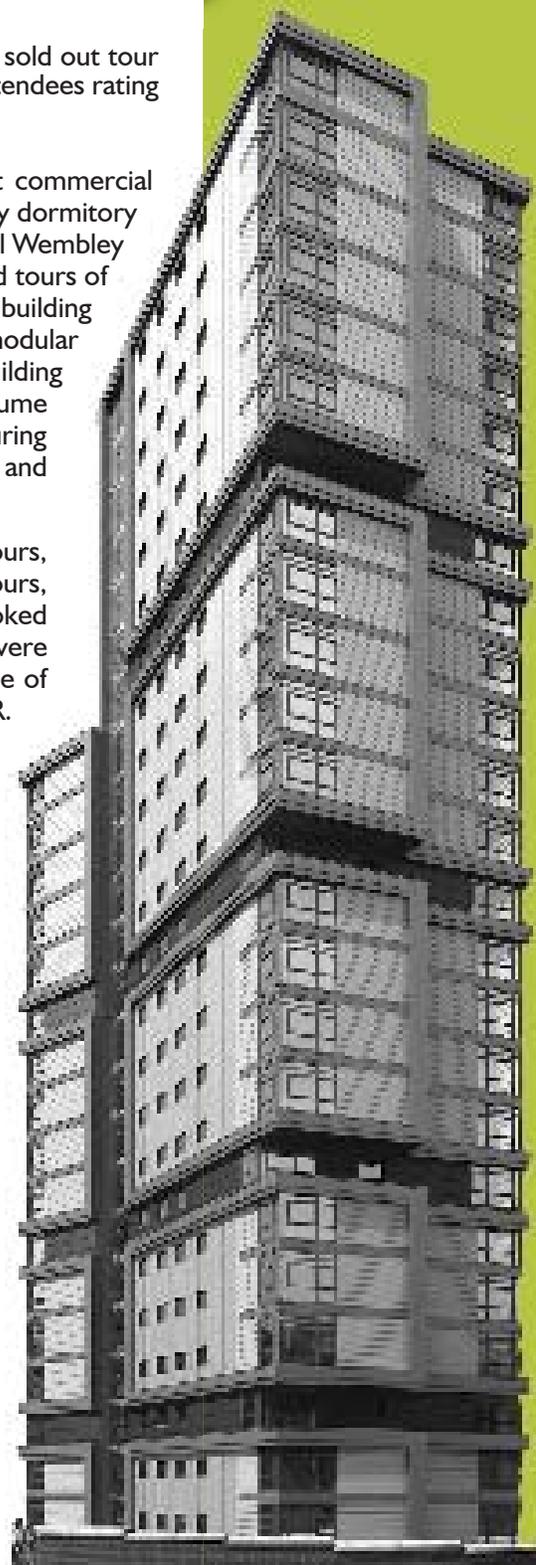


"MBI and the people who organized the tours, entertained and shepherded us on the tours, did an outstanding job. Nothing was overlooked and the meals and accommodations were superb. Well done indeed," said Mark Cole of Modus Structures Inc. Kim Coates of T.R. Arnold and Associates said "For your first attempt at an international tour, MBI staff hit it out of the park. This was a fantastic trip."



Due to the success of this event, MBI is already making plans for another international tour next year. Stay tuned for details!

***"For your first attempt at an international tour, MBI staff hit it out of the park. This was a fantastic trip!"***



# Get to Know MBI's Staff

## **Tom Hardiman, Executive Director / Government Affairs Director**



Tom has been the Executive Director for the Modular Building Institute since January 2004. In this capacity, he manages the day to day operations, is Director of Government Affairs, and serves as a registered lobbyist with the United States Congress. He has previous lobbying experience with the state legislatures of Virginia, West Virginia, Pennsylvania, and Maryland.

An experienced association executive, Tom previously was Executive Director with Associated Builders and Contractors of West Virginia where he handled all aspects of the association's business, administered an education foundation, and managed a staff of four. Prior to association management, he assisted small businesses and entrepreneurs with business plans and loan packages as Director of the Small Business Development Center in Beckley, WV, where he and his wife Lesley opened and operated a small bookstore and newsstand. He has experience in the economic development, banking, and insurance fields as well.

Hardiman earned his bachelor's and master's degrees in Business Administration at Marshall University in Huntington, WV and the designation of Certified Association Executive from the American Society of Association Executives in 2003. He currently resides in central Virginia with his wife and daughter, Gracie. In his spare time, Tom's activities include serving on the board of directors of the local Boys & Girls Club as well as the local soccer league, spending time with his family and reading.

## **Steven Williams, Director of Operations**



Steven has served the organization in several capacities including marketing & public relations, member service, and events planning. His current responsibilities include overseeing the MBI annual convention & tradeshow, educational & networking events, continuing education programs, and Awards of Distinction contest as well as managing website & member information systems, purchasing & maintaining equipment, and some personnel supervision. He also has experience in project management, graphic design, website development, contract negotiations, and publishing & circulation.

Steven was hired in 1998 and is MBI's longest-serving employee. Prior to MBI, he planned events for the Association for Investment Management & Research and its 60,000 members. He has 15 years experience in association and non-profit work, attended Bluefield College where he became interested in communications after interviewing Iran-Contra figure Oliver

North for the school paper, is married with two children, and enjoys camping, hiking, travel, woodworking, politics, teaching preschool Sunday School, and being a dad.

## **David Sikora, Business Development Director**



Dave is the newest member to the MBI team, coming on board in August 2011. Dave brings a wide variety of skills to MBI including a strong commitment to customer service, membership development, and event planning. As a head golf professional at a local country club for the past four years, Dave has planned and implemented over fifty successful tournaments. A graduate of the University of Rhode Island with a degree in marketing, Dave is a dedicated husband and father of two children.

## Erin Whitt, *Communications Manager*



Erin joined MBI in September 2009. She moved to Charlottesville, Virginia to accompany her husband who is attending law school at the University of Virginia. Prior to joining MBI, Erin was a media outreach representative for UC San Diego in La Jolla, California where she built relationships with key media contacts and extended the outreach efforts of the school. She also worked in the marketing department for The Old Globe, a regional theater company based in San Diego. Erin received her B.A. in public relations and liberal arts from Utah State University and has completed internships with the John F. Kennedy Center for the Performing Arts in Washington, D.C. and the Spoleto Festival in Charleston, S.C. In her spare time, Erin enjoys classical music, ballroom dancing, and hiking Virginia's beautiful trails.

## Joni Lane, *LEED Green Associate, Marketing & Graphic Design Specialist*



Joni, originally from Ipswich, Massachusetts, relocated to Charlottesville in May 2010 and began working for MBI soon after in August. She handles all our printed publications, promotional material, email campaigns, web site updates and works closely with our communications manager to market the modular construction industry. In 2009 she graduated with a B.S. in Interior Design from Radford University bringing with her a diverse background in graphic & web design, photography, art, and a passion for sustainable development, design and lifestyle adaptation.

She also completed multiple internships with architecture, interior design and advertising firms prior to working with MBI. She recently won a 2011 American Inhouse Graphic Design Award for MBI's Member Benefits brochure and was published in *Graphic Design USA Magazine*. She enjoys traveling, doing volunteer work, wake boarding, politics, reading and bungee jumping.

## Annie Diggs, *Office Manager*



Annie began working at MBI in January, 2007 as Office Manager and Accounting. Her duties include managing the office, human resources responsibilities, handling incoming calls, accounts payable and receivables, processing invoices and processing registrations for all events. Annie previously lived and worked in Philadelphia, Pennsylvania at CPV Manufacturing as Executive Assistant to the President of the company. She managed the accounting and shipping/quality assurance department as well as human resources and serving as a liaison for government procurement and invoicing.

In August, 2006 she moved to Virginia with her husband, who was given the responsibility of a new division within his company. Annie is the mother of four, one daughter and three step children, as well as grandmother to two beautiful granddaughters. In her spare time, she enjoys the company of her two pets (Lapso Apsos named Mack and L.B.) as well as reading, gardening, and biking.

# MEMBER NEWS

## Medical Facility at GREENBUILD Showcases Green Capabilities of Modular

NRB, Inc. partnered with Building Design and Construction to build a high-performance modular medical clinic for this year's Greenbuild Expo. The building on display was composed of two sections of the large building—the vestibule and the waiting area/treatment room and showcased sustainable materials, high recycled content and energy-efficient lighting.

A LEED Scorecard was created to capture the intent of the project to reach the LEED Gold certification level. The methods and materials applied to the design and construction of the display were representative of what is possible and were intended to reflect the quality, sustainability and flexibility of off-site construction.

The overall building design, created using REVIT within the BIM platform, brought together a blend of architectural form and clinical function, and integrated a vast number of design principles, practices and products that would make the building worthy of a LEED Gold application.

Materials were carefully chosen for their sustainable attributes, and many of them were uniquely showcased for attendees to see within the building piece at the Greenbuild show.

Beginning with structural steel framing and steel stud infill, the building offered a high recycled content. A TPO white roof was applied, complying with the Heat Island Effect Roof credit. The exterior was a combination of a beautiful architectural panel made from natural zinc and accented with stone veneers. The pre-poured concrete floor in the structural steel frame was further formulated with an additive to improve its thermal properties and make it lighter weight.

The building also featured high performance windows, superior thermal protection with air, wind and weather barriers, energy-efficient lighting and controls, sheet flooring with "Floor Score" rating, an interior gypsum board that uses new technologies to actively remove VOCs from indoor air and many more sustainable design elements.

MBI was one of the sponsors of the building. The University of Alberta Hole School of Construction Engineering was also involved in creating a 3-D visualization of the delivery and installation process as well as a high-tech rendering of the building.

## Icon Construction Inc Selected For "Largest North Texas Minority-Owned Businesses"

Icon Construction Inc of McKinney, TX, has been honored with a recognition by Dallas Business Journal in its selection of "Largest North Texas Minority-Owned Businesses." American Registry seconded the honor and added Icon Construction Inc to the "Registry of Business Excellence™."



# WELCOME NEW MEMBERS!

## Williams Scotsman's Modular Unit Part of 9/11 Exhibition

One of Williams Scotsman's modular units used during 9/11 recovery efforts will be part of an exhibition, entitled "The World Trade Center: Rescue, Recovery, Response," at the New York State Museum in Albany. The mobile office on display at the exhibition demonstrates how some relied on modular space after the terrorist attacks. In the weeks following 9/11, notes and mementoes were left on several of Williams Scotsman's modular units by those who lost loved ones or felt compassion for the lost and those left behind. In addition to serving as memorial spaces, modular units also provided much-needed respite for rescue workers as well as counseling centers.



"The World Trade Center: Rescue, Recovery, Response" exhibition details the history of the World Trade Center, the September 11 attacks, the rescue efforts, the evidence recovery operation at the Fresh Kills facility, and the public response to the September 11th events. In addition to Williams Scotsman's modular unit, the exhibition includes many objects, images, videos, and interactive stations documenting this tragic chapter in New York and America's history.

For more information about the exhibition, visit [www.nysm.nysed.gov/wtc](http://www.nysm.nysed.gov/wtc).

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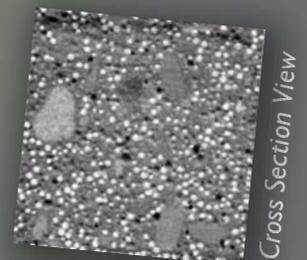
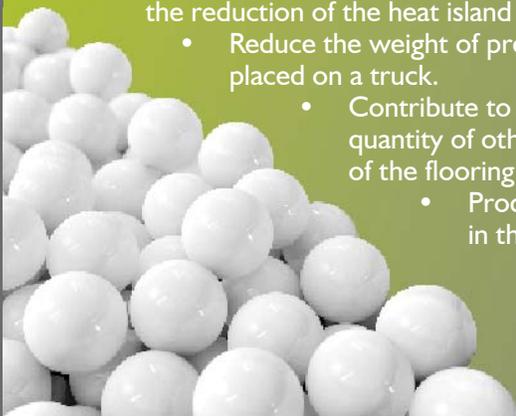
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## GREEN PRODUCT SPOTLIGHT

### Syntheon: Elemix® Concrete Additive

One of the green products recently used for NRB, Inc's modular medical facility at Greenbuild was a concrete additive by Syntheon, a new member of MBI. Engineered for sustainability, Elemix® additive creates lightweight concrete with improved physical characteristics including— resistance to cracking and fire; ease of placement; and durability to freezing and thawing. Elemix also helps to:

- Support a green roof system when designed in a low-density concrete, contributing to the reduction of the heat island effect and energy consumption of the structure.
  - Reduce the weight of precast concrete so that more precast elements may be placed on a truck.
  - Contribute to the reduction of the structural steel and reduce the quantity of other structural materials through the reduction in weight of the flooring systems.
    - Produce reliable and consistent concrete mixes anywhere in the world.



Cross Section View

The Elemix additive can also contribute to up to 32 LEED® points. For more information, visit [www.elemix.com](http://www.elemix.com).



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# WORLD OF MODULAR

Annual Convention & Tradeshow | March 24 - 26, 2012

Hilton Bonnet Creek, Orlando, FL



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