



WMAIAnews

Newsletter of the Western Massachusetts Chapter of the American Institute of Architects

National Convention Review

by Bill Austin AIA

The AIA 2008 National Convention and Design Exposition was held in Boston this past May. As the current president of our chapter, I had the good fortune of attending. If asked to summarize the event in a word, I would have to say, "BIG"! Second in attendance only to the 2004 convention held in Las Vegas, more than 23,800 architects were under one roof for the better part of a week. And what a roof! This was my first venture into the award winning Boston Convention and Exhibition Center. Distinctive for its immense cantilevered overhang at its entrance, the building, designed by Rafael Viñoly FAIA, encloses more the three football fields in area and it was crowded. Given the logistics involved, the event, for the most part ran smoothly. It was lively, diversified, and enjoyable, running the gamut from pomp and circumstance to the presentation of exciting cutting edge information.

The convention was titled, 'We the People', an obvious nod to Boston, but importantly underscored the AIA's current emphasis on diversity, strengthening it's relationship with the general public, especially around sustainability, and fostering stronger bonds between AIA National and the chapters.

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Institute of Contemporary Art in South Boston, by Institute of Contemporary Art by Diller Scofidio + Renfro with Perry Dean Rogers Partners
photo by Erika Zekos Assoc. AIA

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OUR NEWS

AIA, USGBC Alliance

On May 28, leaders of the AIA and the U.S. Green Building Council signed a memorandum agreeing to develop a strategic alliance toward advancing the two organizations' shared goals and complementing existing collaborative activities that include continuing education, research, and the AIA-coordinated 2030 coalition. Focusing in areas where there is already strong collaboration, the AIA and USGBC will create a strategic alliance and associated work plan in three main areas: advocacy, education, and research. Earlier in May, AIA and USGBC staff and volunteer leadership identified at least 10 possible collaborative projects, with prospects of more to be identified in the near future. The strategic alliance will include an annual leadership meeting, regular meetings between senior staff leadership, and existing efforts, such as reciprocal sponsorship of annual conventions.



Docent at the Emily Dickinson Museum in Amherst on the WMAIA Poetry and Privacy tour as part of the AIA08 National Convention

photo by Tracie Reed AIAS

Message From The Registration Board

by Margo Jones AIA

Do you have a current license?

One of the Board's duties is to investigate complaints related to unlicensed practice. In many cases, the complaints are against individuals who have allowed their licenses to lapse. Architects move and don't inform the Board of their new address. A staff person in the firm, responsible for overseeing the renewal of licenses, leaves or is replaced and the renewal applications are not sent when due.

License certificates expire on August 31st each year. The Board sends out renewal forms to all registered architects which must be returned by August 31st along with a renewal fee. Every architect seeking renewal must certify that he or she has acquired 12 continuing education credits, 8 of which must be HSW. If the renewal form is

properly completed and returned with the renewal fee, the Board mails the licensee a new license card.

The regulations allow for renewal if a late renewal form is submitted within 60 days. In this case, the licensee must return the form, the renewal fee, a penalty fee and proof that he or she has obtained the required 12 continuing education credits. If the renewal form has not been submitted within the 60 day period, a request for renewal may be treated as if the architect is applying for initial registration and he or she could be required to take the ARE to become registered. If a renewal application is not received, the Board will send a renewal application the following year. After the second notice no further notices will be mailed.

Architects with a lapsed license who practice architecture in the Commonwealth are in violation of the regulations of the Board of Registration of Architects and are subject to prosecution. Practicing architecture without a license includes:

- Signing a contract for architectural services
- Signing and stamping architectural documents
- Representing yourself as an architect when making presentations, in proposals or in marketing materials.

In addition to violating the Board's regulations you may also be in violation of the State Building Code.

We strongly advise that you check to see if your license is current. It's easy. Click of the following link: www.mass.gov/dpl

If you discover that your license is not current call Brenda Rodriguez at 617-727-2616 and ask her to advise you of the process to renew your license.

Review continued from Page 1

The convention technically started on Thursday the 15th and ran through Saturday. Tuesday and Wednesday were pre-convention days offering day-long workshops. I attended a LEED-H overview workshop on Wednesday. Habitat founder Millard Fuller's address on sustainable, affordable housing more-or-less marked the ceremonial opening of the convention proper with concluded with Ambassador Andrew Young's talk on his work for economic equality and development. In between there were literally hundreds of workshops, tours, networking functions and parties to attend!

Joan Rockwell, my wife, and I took tours of Boston's inner and outer harbor learning of its history, geology, and reclamation projects. We also attended the BSA's reception at the new Institute of Contemporary Art by Diller Scofidio + Renfro with Perry Dean Rogers Partners, another award winning great cantilever. Among the many speakers was Mayor Thomas Menino whose good natured ramblings and obvious love of architecture were entertaining. The ICA building itself was also interesting, especially the room sized glass elevator. We also enjoyed a wonderful reception at Utile, an up-and-coming Boston design firm founded by UMass alumni where we celebrated the recent accreditation of the UMass Amherst Architecture Program and caught up with department friends new and old.

Frankly, I found the Exhibition Hall to be overwhelming. It was vast and jam packed with booths displaying everything from, lighting to software to building systems. I thought that high-end companies were well represented, but that companies offering "green" products were under-represented: a curious misalignment with the message of the convention.

Part of my responsibility in attending was to represent our chapter in voting for new officers. I attended the caucuses. It was a first time and enlightening experience for me. While most of the candidates I voted for did not win, I feel that we are being well served by people who care very much about the environment, architecture, and the AIA.

In closing, I must say again that it was a privilege to attend and participate in the convention. The AIA can do "BIG" very well and these kinds of events are intended to dazzle and entertain as well as educate. But, the money spent...I couldn't escape the feeling that in these current times where we are feeling the environmental and financial impacts of our national excesses, a slightly more "sustainable" convention would have been closer to the message. However, the last thing I did on the way out was to make my reservations for next year's AIA 2009 National Convention in San Francisco!

WMAIA News Needs Contributors!

WMAIA news is always looking for interesting articles about your practice, conferences you've attended, your hobbies or things you've observed. Please contact the editor at **studiozed@comcast.net** if you have a topic to contribute.

For the next issue we are looking specifically for images from your **summer travels**. So if you're heading out don't forget to bring your cameras and sketchbooks! Send them to the address above by **September 17th, 2008**. Thanks!

WMAIA NEWS

The Western Mass. Chapter of the American Institute of Architects publishes WMAIA NEWS four times a year. It is circulated to all members, advertisers and subscribers.

Please direct all newsletter correspondence to Erika Zekos, Associate AIA, Editor, Studiozed, 40 Hulst Road, Amherst MA 01002 (617) 388-3994, studiozed@comcast.net

Articles, photos, notices of events and other information are welcome.

Opinions expressed in the newsletter are not necessarily those of the WMAIA. The Editor reserves the right to reject or revise material as space and subjective opinion permit.

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For more information on WMAIA Chapter, please contact Lorin Starr Affiliate AIA, Executive Director, director@wmaia.org.

Studio Thinking: What's Happening In Design Class

In what's becoming a **WMAIA news** summer issue tradition, studios from all around the western MA region were invited to send images showing this past semester's student work. What we see here are samples from University of Massachusetts, Amherst; Five Colleges (at Hampshire College in Amherst) and Smith College in Northampton. It's refreshing to see the broad range of studies including pencil sketches, traditional models and computer renderings.



Five Colleges

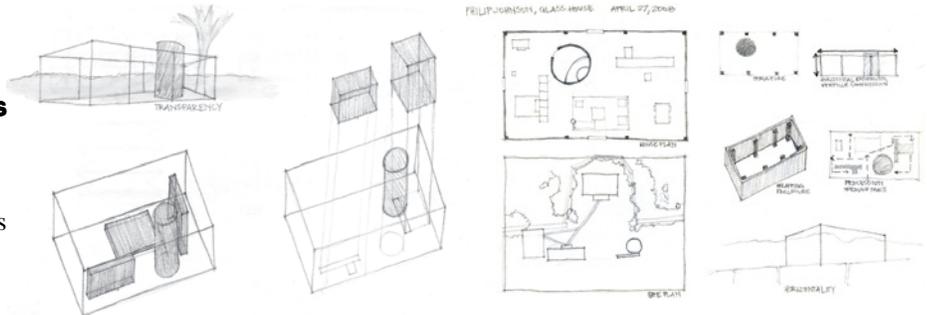
Faculty: Thom Long
Class: Constructing Realities
Project: Dallas Fort Worth Airport Competition
Students: Alexandra Fenton (Hampshire College) and Michael Bergin (UMass Amherst)

Sponsored by American Airlines, Dallas Fort Worth Airport, the Department of Homeland Security and ACSA, this project called on students to redesign an airport terminal.

Smith College

Faculty: Kirin Makker
Project: Philip Johnson's Glass House Study
Student: Geneva Porter, senior

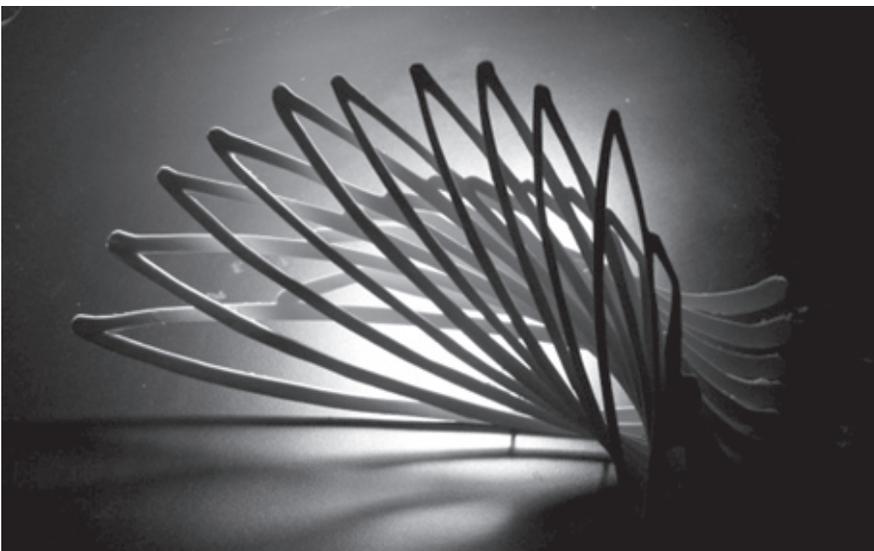
The studio travelled to Johnson's Glass House on a field trip this spring.



UMass Amherst

Faculty: Sigrid Miller Pollin AIA
Class: Design III Studio
Project: Paper and Basswood Study Models
Students: undergrad Allison Phillips

Seen here is a photo of Sectional Translations inspired by the forms, construction and sections of a violin. This was one of several studies exploring design process methods for expressing dynamic space through repetition and rhythm.





Puerto Rican Cultural Center in Holyoke MA
 University of Massachusetts Amherst
 Spring 2008
 By: Arcangel Santiago-Negron



UMass Amherst

Faculty: Kathleen Lugosch AIA and Joseph Krupczynski

Class: Thesis Project

Project: Puerto Rican Cultural Center

Student: Arcangel Santiago, MArch

Sited in Holyoke's once thriving canal district across from Heritage Park, this community center creates a vital focus both architecturally and culturally. The program centers around outdoor gardens and a greenhouse to anchor a restaurant, performance spaces and classrooms. Both indoor and outdoor spaces celebrate the Puerto Rican community by reflecting the scale and colorful nature of buildings on the island and by allowing people to reestablish their cultural connection to the land.

UMass Amherst

Faculty: Caryn Brause

Class: Design IV

Project: Paper Arts Building

Students: from left to right: the studio group and Josh LaLiberte's model

Students designed a Paper Arts studio building in Turner's Falls, MA. Designs negotiated the complexities of history, site and program. Students presented their work at the town's Arts and Blooms Festival in May.



UMass Amherst

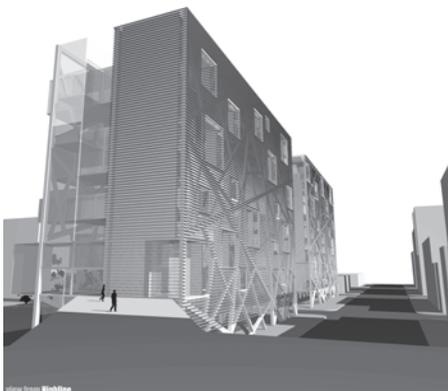
Faculty: Kathleen Lugosch AIA

Class: Master of Architecture Studio Level 4

Project: ACSA "Vertical Neighborhood" Competition

Students: left to right: graduate students Inga Anger & Patricia Nobre

These buildings sited on 10th St. in the Chelsea district of NYC reimagine what a neighborhood is by allowing public access to the adjacent Highline Park, and offering galleries and flexible living spaces.



MISCELLANEOUS



AIAS members post-crawl

AIAS News

by Tracie Reed, AIAS

The UMass Amherst AIAS held a firm crawl for students in the Arch+Design program on April 22nd to show members the diversity of architecture practice within the town of Amherst. We visited five architecture firms in Amherst and then celebrated the completion of our adventure over dinner at Amherst Brewing Company downtown.

The group met with representatives of each firm during the tour and learned about the types of buildings their firms specialized in and toured their offices. The five offices we visited were (in order of our visit): Kraus Fitch Architects, Coldham and Hartman Architects, Ford Gillen Architects, Amherst College Facilities Department, and Kuhn Riddle Architects.

Several members of the AIAS also served as docents on the Western Massachusetts AIA tour during the AIA Convention. Held the day after studio finals, the tour was a wonderful break from a long-weekend in the studio and the weather was absolutely perfect. It

was a great way to meet practicing architects from around the country and see some amazing homes right in our own backyard too.

The AIAS also held elections to elect group officers for the 2008-2009 school year. Senior, Michael Luft-Weissburg was elected President of

the group, Junior Ryan Hartgraves was elected Vice President, and Andrea Olson a third year M.Arch student and Allison Phillips, a senior were elected the group's Treasurers.

AIAS is always looking for donations of architecture related magazines, or books to add to our resource library. If your firm would like to help us augment this valuable resource please contact Michael Luft-Weissburg at: mluftwei@student.umass.edu.

Simi Hoque Joins UMass Faculty

Simi Hoque, has joined the UMass faculty as an assistant professor in Building Materials and Wood Technology, with an affiliate appointment in Architecture+Design. She works at Norian/Siani Engineering, Inc., a sustainable engineering firm in Waltham and teaches sustainable design courses at the Massachusetts Institute of Technology and green practice at the Boston Architectural College.

She has a Ph.D. in Architecture from the University of California, Berkeley and a Masters of Science in Civil and Environmental Engineering from

Carnegie Mellon University.

Simi Hoque is co-director of the not-for-profit organization Floodspace, which is focused on developing sustainable solutions for habitats threatened by climate change-related flooding.

Change Is Good

After thirty five years in Shelburne Falls, Juster Pope Frazier has relocated their studio to downtown Northampton. The move was predicated by a desire to minimize staff commuting time and costs, coupled with a need to be more centrally located to the bulk of their projects in western and central Massachusetts.

With the retirement of former partners, Earl Pope and Jack Frazier in 2005, Juster Pope Frazier is now run by principal architect, Kevin Chrobak AIA working with Jane Spooner, Jacquie Scott Associate AIA, Scott Tulay and Nelson Geis. Their current projects include development of a new mixed use building in downtown Shelburne Falls, two new 66-bed suite dormitories at Nichols College, a fitness center at Anna Maria College, renovations of the Village Congregational Church in Whitinsville, a new fieldhouse for St. John's High School in Shrewsbury, a new branch bank for a local financial institution, and the new PVTA transit center currently under construction at UMass.

Smith College Has New Faculty

James Middlebrook has been appointed as adjunct faculty in the Architecture Department at Smith College.

Relative Values

by Bruce Coldham AIA

On December 13th, 2007 Richard Moe Hon. AIA, the President of the National Trust for Historic Preservation, delivered a speech delivered in Washington, D.C. advocating the value of the existing building stock – not surprisingly, for someone in his position. He spoke out for preservation over demolition — for retaining the energy embodied in the existing structure. The bottom line, he says, is that “the greenest building is the one that already exists”. He dismisses the proposition that new, more efficient buildings quickly recover the cost of the embodied energy in older buildings. He asserts that “this is simply not true”. He said “recent research indicates that, even if 40% of the materials are recycled, it takes approximately 65 years for a green energy-efficient new office building to recover the energy lost in demolishing an existing building.” He does not provide a source for his “recent research” and, unfortunately, in events that I attend and in conversations with colleagues, I’m finding this proposition being accepted unchallenged as a conventional wisdom. This is unfortunate, because even a small amount of effort to check would reveal it as highly questionable.

A number of researchers in the U.S., Canada, U.K. and Switzerland in particular in recent years have scoured the industrial and construction databases to reveal the embodied energy in an average building. In 1978, Richard Stein, in his book “Architecture & Energy”, noted “an average building requires about 1,142,000 BTU/square foot (3,604 kWh /square meter) of building to build, with substantial variations above and below this figure according to building type.” Stein’s figure is based on 1967 US census data. More recently in 1997, Ray Cole and his colleagues at the University of Vancouver established 4.82 GigaJoules

/ square meter (1,340 kWh / square meter) for a typical commercial building. I will take this as a current, reliable data point for commercial buildings in North America.

So let’s test Moe’s assertion. Assume a well-designed, well-maintained high performance building has an annual total energy demand of 100 kWh / square meter / annum, which is the high end of the range for the best buildings that we saw in Europe 8 years ago, during our “Green Grand Tour”. Assuming that the existing building to which our new building is to be compared is 30 or more years-old, its total annual energy demand will be between 200-400 kWh / square meter / annum (or perhaps even more if it is a product of the 1960’s and has survived without substantial renovation). That being the case, there is an annual 100-300 kWh / square meter energy advantage in the new building over the old, which, if divided into the 1,340 kWh / sm embodied energy figure, indicates that our new high performance building recovers the energy invested in its demolished sibling within 4.5 to 13.5 years – and that assuming that 100% of the existing structure is lost. **If, as Moe allows, 40% of the embodied energy is recovered, then the deficit is redressed in slightly more than half that time – 2.5 to 7 years. So Moe’s “recent research” would appear to be out by more than an order of magnitude.**

Let’s look at this a little closer. Cole et al’s research not only provides an overall average of the embodied energy in a typical commercial building, it breaks it down according to the key components: structure, envelope, services, finishes, site work and the energy in the

construction activity.

Components, such as the structure, should be assumed to have a far longer life than others, such as finishes, which one assumes might be removed and replaced with every major renovation. The building services and the enclosure will have components that will be durable, such as the subterranean piping of the services component and the brick exterior walls of a mill building. But the windows and the roof will need more frequent maintenance or replacement and, similarly, with the principal service components (lighting, boilers, pumps, elevators, etc.). By making some rough “guess-timations” (see diagram above), it would seem reasonable that 55% - 60% of the energy embodied in an existing building might reasonably persist from one major renovation to the next. If these new investments in building rehabilitation are intelligently deployed, there’s no reason that the new, high performance building has not been created out of existing stock and, to this extent, Moe’s axiom that the greenest building is the one we already have would be at least half-true. But, existing buildings as such, unimproved, have no unequivocal standing as green buildings simply because they are there.

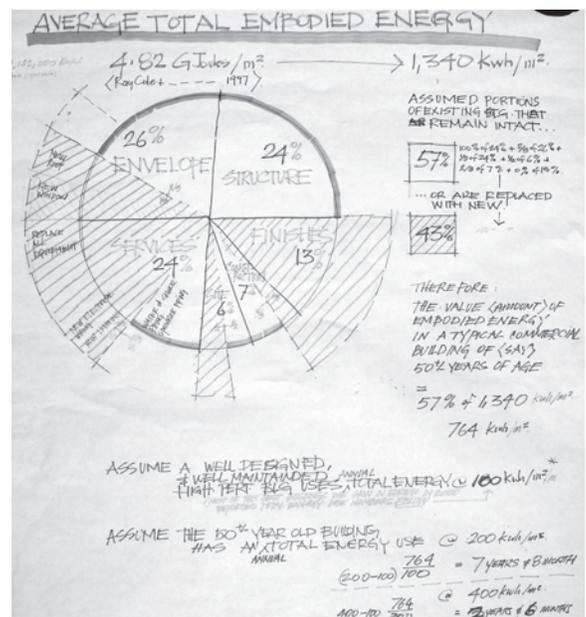


Diagram by Bruce Coldham AIA

Green Thoughts

by Carol Vincze AIA

“How many of us think we have plenty of time to correct climate change problems? How many of us believe we will be designing in a very different world only ten years from now?”

This was our workshop’s opening “wake-up call” from Marc Rosenbaum, P.E., presenter for the WMAIA –sponsored event entitled “The Nuts and Bolts of Super-Insulated Homes” on April 25, 2008.

Marc and his integrated environmental design consulting firm, Energysmiths, aims to create buildings and communities that “transition from resource-using to resource-creating,” and that provide “a sane, secure, and sustainable community . . . built on renewable energy resources.” One of the first steps on this sustainable journey is designing buildings to have very low energy loads, particularly heating loads, and Marc’s presentation addressed ways designers and builders can help reverse our climate change course right now, right here in New England.

The day-long workshop, skillfully coordinated by Thomas RC Hartman AIA (Coldham & Hartman Architects), included a host of sustainable strategies, systems & technologies including: energy use reduction, air barriers, thermal bridging, envelope details, fuel and mechanical system choices for super-insulated wood-framed buildings, and multiple case studies with attention to existing building retrofit.

Here is what some of our WMAIA colleagues thought about the workshop:

“As Marc spoke I kept thinking about the branch bank I am designing for Greenfield Savings Bank which will be located just down the street from our workshop meeting place. I was trying



Example of exterior-sheathing air barrier strategy, with primed and taped sheathing joints. Coldham & Hartman’s project for new dorms, College of the Atlantic.

photo by Coldham & Hartman Architects

to relate his experience with mine, consider the ramifications of various approaches to energy savings, and make it all work with a budget and fortunately, a very willing energy-conscious client. Both active and passive design concepts seem to be easily incorporated into a bank design because of the cycle of use.”

- Joe Mattei AIA, The Shelburne Architects

“The three things that I took away from the seminar on super-insulated houses were

- 1) *By controlling infiltration and minimizing heat loss it is possible to avoid sophisticated heating systems.*
- 2) *Testing is critical.*
- 3) *Retrofit solutions (especially) need the care and attention of an architect to address the myriad of detailing challenges.”*

- Peter Lapointe AIA, Archimetrics Design Studio

“The big message I left with, and it’s probably the same as everyone else’s, was, maximize insulation and air-tightness and simplify mechanicals.

Don’t build more house than you need in order to live responsibly.”

- Chuck Roberts AIA, Kuhn Riddle Architects

“The most frightening tidbit from the workshop: projected estimates of U.S. natural gas supply dramatically depleted in 10 years. The most encouraging innovation: Japanese-manufactured air-to-air heat pumps that operate well in outdoor temperatures well below freezing. The most urgent advice: Upgrade our existing building stock The most immediately useful concepts: Include a drawing sheet in construction documents dedicated solely to detailing & describing the entire air barrier assembly. And, helpful metrics, like air tightness target of .05 CFM50/ssf. The most delight-filled aspects of the workshop: Marc’s sense of humor and the possibility to use theatrical fog someday!” (for air-leakage testing)

- Carol Vincze AIA, Kuhn Riddle Architects

"I think the strongest message I came away with was that insulation is the first place the client should spend their money in terms of energy efficiency. Super insulate and provide simple non-fossil fuel mechanical systems. The difficulty is determining the best assemblies for the super insulated walls, roofs and floors and which insulation or combination of insulation types to use? The second difficulty is figuring out the mechanical system - a few point source heaters? A forced air system, since we need fresh air? Is radiant heat efficient? How do we keep it simple? The standards are no longer the standards. As fuel costs continue to rise it will be interesting to see how we approach our building envelope strategies."

- Aelan Tierney AIA, Kuhn Riddle Architects

"This was actually a watershed workshop for me. It was the first time where I realized that there are now high-tech mechanical units that could make central heating an idea whose time has gone. We have yet to prove this ourselves, but it seems that we can have our cake and eat it too: super-insulation and a tiny mechanical system that ends up cheaper than conventional insulation/mechanical systems, while not sacrificing air-conditioning, and we can save heating bucks and the planet while we're at it."

- Ann McCallum FAIA, Burr & McCallum Architects

To view examples of Marc's work or check the schedule for the next workshop on super-insulated houses or net-zero buildings, visit the Energysmiths website at www.energysmiths.com. Additional information can be found at two resources Marc suggested: www.buildinggreen.com & www.buildingscience.com.

Architecture Student Qualifies For Olympic Games

Wes Piermarini, a UMass Master of Architecture student and alumnus of the UMass BFA Design program, and partner Elliot Hovey rowed their way to a historic team victory by qualifying for the Olympic Games in Beijing that start on August 8.

When asked to describe his emotions, Piermarini was at a loss for words. "[It was] unbelievable, a fairy tale victory. It's hard to put into words," he said. "It felt fantastic to achieve such a goal and to have the opportunity to represent your country."

Success is not a new thing for Piermarini. While at UMass, he was a three-time New England Gold Medalist, won the ECACs National Regatta, won bronze at the IRAs, and competed in the Royal Henley Regatta in England. He also added a win at the Canadian Henley to his resume, winning both sweep and sculling events.

(Thanks to UMass Athletics media relations.)

Student DNC Delegate

Tracie Reed, a Master of Architecture student at UMass, was elected as a delegate to the Democratic National Convention in August representing Barack Obama in Maine's 1st Congressional District. She was also elected to the electoral college of Maine, which means that she will be casting one of Maine's four electoral college votes in December. Tracie was the founding President of the American Institute of Architecture Students chapter at UMass.

An unintended play on words on a sign seen in front of a sub-division in south Amherst.

photo by Erika Zekos Assoc. AIA



R F P ' S

Call For Papers**Green Building Materials '08: Definitions, Design, and Delivery****Please submit ASAP:**

Title; abstract (not to exceed 250 words); target audience (designers, suppliers, builders, homeowners). Also indicate your interest to submit a technical article and act as a reviewer for publication in peer-reviewed conference proceedings. Completed paper will be due by October 1, 2008.

Send your submittal to:

Conference Chair, Dr. David Damery,
ddamery@nrc.umass.edu
 UMass Amherst, 160 Holdsworth Way,
 Amherst, MA 01003.

The rapidly changing Green Building industry poses challenges for architects, engineers, manufacturers, wholesalers, retailers, contractors, builders, inspectors and homeowners. We are seeking speakers, presentations, and papers that address these issues:

- What is the current "state-of-the-art"?
- What are green building materials?
- How to interpret and satisfy requirements of a variety of rating systems (LEED, NAHB, GBI, Green Globes)
- Options for Commercial and Residential Design and Construction
- What's the process for designing, specifying, and sourcing green building materials?
- Documentation issues in the green chain-of-custody
- What's new in Green Building Materials?
- Innovations in Local Sourcing of Materials

The conference, Sponsored by the Forest Products Society, will be held on November 3-4, 2008 at UMass Amherst.

Proposals Wanted**Residential Design and Construction 2009 (RDC)**

The Boston Society of Architects' spring convention and tradeshow, invites proposals for workshops, panel discussions and seminars that address relevant topics including: residential design innovations, affordable housing for everyone, community design, new products, green design, alternative energy, building technology, residential building systems, interior design, lighting, kitchen design, landscape

design, interior and exterior surface materials, accessible design, co-housing and other non-traditional housing types, zoning, single- and multi-family house design, small firm management and new design firm models.

The deadline for workshop proposals is August 15. For more information, including the submission form, go to **www.architects.org/proposals**. With questions, call/write program manager Mark Kalin FAIA, FCSI, LEED AP at 617-964-5477 or **mkalin@architects.org**.

C O M P E T I T I O N S

Emerging Green Builders

In a competition designed to promote rejuvenation of existing buildings as the heart and soul of sustainability, the Boston chapter of the Emerging Green Builders is focusing this year on The Lindemann Building in Boston. Awards include scholarships, cash prizes and free Greenbuild 2008 attendance. **Submit your five-person team's design by July 19** and get more information at **www.usgbc.org/egb**.

AIA New England

This design awards program recognizes and honors excellence in architectural design by all New England resident architects. The **deadline for receipt of submissions is July 31** by 4:00pm. Questions? Email Judith Harvie at **jharvie@roadrunner.com** or see **www.aiane.org**.

Build Boston Photo Exhibit

Every year at Build Boston, the BSA exhibits the work of New England architects, interior designers and landscape architects. Now is the time to prepare your photographs for the 2008/2009 Juried Photo Exhibits, co-sponsored by the Boston Society of Landscape Architects, the International Interior Design Association and the American Society of Interior Designers. **Projects submitted by the August 1** deadline will be juried for the Build Boston 2008 and Residential Design and Construction 2009 exhibits. For more information, go to **www.architects.org/photoexhibit** after June 26.

IN THE GALLERIES

MoMA

Dreamland: Architectural Experiments since the 1970s
July 23–October 27

Rem Koolhaas's watercolor Plan of Dreamland (1977), a recent acquisition, is the point of departure for this presentation of selections from the Architecture and Design collection. The 1970s saw an explosion of architectural thought and experimentation—with the city, and New York especially, becoming a screen for the projection of architectural fantasies and utopias. The installation includes documentation of the real projects that resulted from these innovative ideas and experiments, including such traditional building types as single-family houses and skyscrapers. Also featured are works by Raimund Abraham, Peter Eisenman FAIA, Steven Holl AIA, Hans Hollein Hon. FAIA, and other well-known contemporary architects. Finally, the display presents a number of new acquisitions, including works by Paulo Mendes da Rocha, Diller + Scofidio, and Simon Ungers. Visit www.moma.org for more information.

MoMA

Home Delivery: Fabricating the Modern Dwelling
July 20 - October 20

This exhibit is both a survey of the past, present and future of the prefab home and a real building project (with five homes erected on the vacant west lot designed by Kieran Timberlake Associates; Jeremy Edmiston and Douglas Gauthier; Horden Cherry Lee Architects / Haack + Höpfner Architects; MIT School of Architecture and Planning / Assoc. Prof. Lawrence Sass; and Oskar Leo Kaufmann). For more info visit www.momahomedelivery.org.

Mass MoCA

Badlands: New Horizons in Landscape
through spring 2009
Building 4, First Floor

The tradition of portraying the landscape has threaded together movements as varied as the mid-19th century Hudson River School and the Earth Art of the 1960s and '70s. *Badlands: New Horizons in Landscape* which opened in May at the Massachusetts Museum of Contemporary Art in North Adams, opens the next chapter in the landscape tradition, addressing contemporary ideas of exploration, population of the wilderness, land usage, environmental politics and the relativity of aesthetic beauty. The artists in this exhibition share this collective anxiety - some turn to the past to see how their predecessors negotiated the terrain of the landscape while some propose entirely new ideas. While deeply aware of the legacy of the landscape, each of these artist reinvents the genre to produce works that look beyond vast beauty to address current environmental issues. Check out www.massmoca.org.

Amherst Town Hall

New Mexico: Inaccessible Halves
through August 28

An exhibit of photographs by Kuhn Riddle's Anita Licit Ribak. A must see!

Whitney Museum of American Art

Buckminster Fuller: Staring With the Universe
June 26 - September 21

945 Madison Avenue at 75th Street, NYC
 Get Geodesic at www.whitney.org.

Smith College Museum of Art

Bauhaus Modern
September 26 - December 7

Bauhaus Modern features almost 100+ posters, graphic design, ephemera, prints, drawings, photographs, paintings, architectural drawings and models, and furnishings by a wide variety of artists associated with the experimental German art school, the Bauhaus. Artists represented in the exhibition include Anni Albers, Marcel Breuer, Lyonel Feininger, Walter Gropius, Florence Henri, Vassily Kandinsky, Paul Klee, Ludwig Mies van der Rohe, and László Moholy-Nagy, among others. The exhibition will demonstrate the integration between architecture and other kinds of representational images through a series of themes, including spectacle, mass culture, and utopia. Bauhaus Modern is guest curated by Dr. Karen Koehler, Associate Professor of art and architectural history at Hampshire College, and will be accompanied by an illustrated catalogue.

MIT Museum, Compton Gallery

School Buildings—The State of Affairs: A new architecture for a new education
through August 10

With 31 examples of recently built and planned school buildings, mainly from Zurich and its environs with a few representative examples from Austria, Germany, and the Scandinavian countries, this exhibition illustrates how new trends and insights in pedagogy and community needs make new schools look and act as community centers. For more info see <http://web.mit.edu/museum/exhibitions/compton.html>

C O N F E R E N C E S / P R O G R A M S

**Without a Hitch -
New Directions In
Prefabricated
Architecture****September 25 - 27, 2008
UMass Campus Center
Amherst, MA**

The joint Association of Collegiate Schools of Architecture Northeast Fall Conference UMass Wood Structures Symposium and will focus on the art and science of contemporary prefabricated architecture.

Light on the environment, prefab construction is enjoying a renewed interest. Sections of a home (by some estimates, 30% of all new homes) are built in a factory to minimize construction waste, energy use and design costs. And recently, many new prefab homes are designing-in other green building options. This conference will provide a unique opportunity for the assessment of the past and a focus on the future of manufactured building systems.

Papers and projects will be from a broad range of perspectives, including:

- Design of contemporary prefabricated buildings and communities
- Trends in kit homes, panelized houses, and volumetric modules
- Green prefab
- Prefabricated building elements (such as structural insulated panels, precast or modular systems, modular building material composites)
- Impact on social justice (affordable housing, senior housing, emergency housing)
- Open architecture
- Codes, regulations, laws

- Design of prototypical buildings
- Integrating principals of prefabrication into architecture and construction curricula
- History/theory of mass produced housing
- Reuse of mobile homes and mobile home parks
- Innovative prefabricated wood systems and structures

For more information see: <http://www.woodstructuresymposium.com/>

Contact conference co-organizers Ray Kinoshita Mann AIA at rkstudios@comcast.net or Stephen Schreiber FAIA at schreiber@art.umass.edu if you have any questions regarding this event.

**Stepping Up to the
2030 Challenge****July 17 - 18, 2008
Plymouth State University,
Plymouth, NH**

Sponsored by AIA New Hampshire, the fifth Integrated Design/Integrated Development (IDID) Conference features a keynote presentation by Ed Mazria FAIA. This annual conference brings together architects, landscape architects, and other design, construction, and real estate professionals and their suppliers and financiers for a two-day event that illustrates the value of, and techniques for, multidisciplinary design processes that produce efficient, cost-effective, and delightful buildings, grounds, communities, and landscapes. Complete information and registration at www.aianh.org/idid.asp.

**Hancock Shaker
Village****September 24-28, 2008
Timber Framing: A Traditional
Approach
Pittsfield, MA**

Learn timber frame construction using 18th & 19th century techniques and tools, assembling the frame of a small building. Instructional demos and discussion supplement hands-on learning. Tools and materials provided. Students must register directly with instructors. HSV Members \$430 / Non-members \$475. Jack Sobon (413) 684-3223 Dave Carlon (413) 684-3612

Web Seminar**September 16, 2008
Design Build Contract Forms,
Legal Risks, Legislation and
Roles
2:00 - 3:30pm**

Speakers: Bill Quatman, Barry Bannet
AIA/CES Credit: 1.5 LUs for the live event only
www.aia.org

Save The Dates**AIA New England**
October 3 - 5, Portland, ME
www.aianewengland.org**Build Boston**
November 18 - 20
www.buildboston.com**Greenbuild 2008**
in Boston this year, November 19 - 21
www.greenbuildexpo.org

IN THE WORKS

"In The Works" is a regular feature of the WMAIA News. If your firm has new or recently completed work that you'd like to share with the readers then please send 300 dpi jpg images and a short project description to Erika Zekos, WMAIA news editor (studiozed@comcast.net). The deadline for the next issue is September 17th, 2008.

St. John's High School Fieldhouse Shrewsbury, MA

Juster Pope Frazier of Northampton continues to collaborate with St. John's High School on schematic design work for a new 48,000 square foot fieldhouse at their Shrewsbury campus. The new facility will include a large multi-purpose athletics space with locker rooms, offices and second level fitness center. The design incorporates language from the St. John's Ryken Center, a new 44,000 square foot science and arts building built by JPF in 2002. The project is tentatively scheduled for construction in spring 2009.



Mosaic Commons Cohousing Waltham, MA

Kraus Fitch Architects of Amherst has this project in construction. Mosaic Commons is a 34-unit cohousing project in central Massachusetts. By super-insulating the building envelopes and using triple-glazed windows, the project was able to substantially reduce the cost and extent of traditional mechanical systems in favor of point source heaters. The project also includes substantial shared amenities within a common house and pedestrian friendly site. Also included among the many other energy efficient and accessible features are locally produced, solid wood kitchen cabinets, fiber cement siding, exterior bicycle storage sheds and front porches on the community side of each unit with recycled plastic and wood composite decking



WMAIA PROGRAMS

WMAIA Upcoming Programs**Central MA AIA Presents:****Climate Change in the Northeast****Tuesday, July 22, 2008****4:30 - 6:30 pm****Doyle Conservation Center****464 Abbott Avenue****Leominster, MA****LUs: 2 HSW**

WMAIA members are invited to an AIA Central MA program and discussion on the effect of climate change on the northeast.

Climate Project presenter Tina Woolston will present a program based upon a New England version of *An Inconvenient Truth* and the work of the Union of Concerned Scientists. After the program, tours of the The Trustees of the Reservation Doyle Conservation Center will be offered. The Doyle Conservation Center was completed in 2004 and is a LEED gold certified building.

Ms. Woolston is the program manager

for sustainability at Earthwatch Institute and project coordinator in the Office of Sustainability at Tufts University. She is one of only 1,000 Americans trained to present Al Gore's Climate Change presentation.

This program is limited to 130 people on a first-come, first-served basis. There is a \$10 charge for participants (free for students, registration is required). Refreshments will be provided.

To register for this program visit www.architects.org/documents/cmnia/climatechange/registration.doc and email it to ewhite@architects.org or fax it to 617-951-0845. For more information contact Eric White at ewhite@architects.org.

For directions and maps, visit www.thetrustees.org/pages/3946_directions.cfm.

WMAIA programs will resume in September. Watch your mail and email for new program information.

WMAIA Enews

Are you receiving our monthly enews? The WMAIA enews contains the latest information on programs, news and other happenings. If you have not been receiving this email, please contact director@wmaia.org with your current email address so that we can make sure you're on the list.

Watch your mail for more detailed program information and registration forms or just download what you need from our website at: <http://www.wmaia.org/programs/programs.html>.

WMAIA Program registrations should be sent to:

Lorin Starr
WMAIA Executive Director
71 South Main Street
Sunderland, MA 01375

or faxed to:

413-665-2424

For questions regarding programs or to offer ideas for future programs (always appreciated!) please email director@wmaia.org.



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