2012 AIA National Convention

By Jeremy Toal AIA

I have been to two previous AIA national conventions; one in Philadelphia in the late 1990’s, and another, more recently, in Boston. This year’s convention in Washington DC, was my third and was my first time attending as a delegate for the WMAIA Chapter, voting on bylaw amendments and national officers on behalf of our members. I was excited to participate in the process.

I was surprised to find that the process actually starts months before the convention when pamphlets begin arriving in the mail. Along with the usual convention solicitations - beckoning you to visit (insert city here), network with colleagues, and of course, earn an entire year’s worth of required CEU’s in one jam-packed week – campaign brochures from National office candidates begin to accumulate as well. I guess it makes sense. These folks need to get their message and positions out to thousands of delegates from all over the country (and beyond) whom they have never met, and will have no real direct opportunity to engage otherwise.

I was really surprised one day, about three weeks before the convention, when one of the candidates for Secretary called me, presumably to talk about his platform and ask for my vote. Refreshingly, after introducing himself as a candidate for the position, and verifying that it was a good time to talk, the very next thing he asked me was what I thought of the AIA, what I thought the AIA could be doing better.

We had a nice, lengthy conversation. I told him I thought the AIA was missing the boat with respect to positioning architects as leaders and problem-solvers in the eyes of the general public. Given the situation we all face with respect to carbon emissions and climate change, and given that architects have this unique and highly valuable set of skills that provides us the ability to solve problems across disciplines and at multiple scales - why is it that Brad Pitt is the poster child for Sustainability? (No offense Brad, if you’re reading this.) What would it take to

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**OUR NEWS**

**Field Trip**

by Martha Montgomery AIA

On May 24, AIA Vermont, AIA New Hampshire and AIA Western Massachusetts collaborated on a program at Bennington College. The College was recently cited as one of "10 College Campuses with the Best Architecture" in Architectural Digest.

The meeting included tours of the Center for the Advancement of Public Action (CAPA) by Tod Williams and Billie Tsien Architects; the Visual and Performing Arts Center (VAPA) by Robertson Ward; the Crossett Library by Pietro Belluschi, student housing by Kyu Sung Woo Architects, Inc., and by Edward Larrabee Barnes and a new Student Center by Taylor and Burns.

The stunning new, marble, CAPA complex, "a state-of-the-art, green, academic facility that morphs the studio of the artist, the laboratory of a scientist, the workshop of a craftsman, and the think tank of a policy wonk" (that quote from the Bennington College website: www.bennington.edu/StudentCitizen/CAPAbuilding.aspx) housed the event.

After the tours, we enjoyed a talk there by acclaimed landscape architect and college campus planner Doug Reed, a principal at Reed Hilderbrand LLC of Watertown, MA. The firm received an AIA/SCUP award for Bennington College’s Master Plan.

In my opinion, the simplicity and elegance of the vast meadows in this master plan, the views afforded, the restraint employed, were the great showstoppers of the day.
A Note From WMAIA Executive Director Lorin Starr

Several members contacted me recently for information about a uniform Construction Control Affidavit. We considered a program on the subject but thought we’d reach more of you with an update from AIA Massachusetts Executive Director John Nunnari. Here’s John’s answer to my query about where we are right now.

Construction Control Affidavit

By John Nunnari

In July 2011 AIA Massachusetts was approached by the staff of the Building Board of Regulations and Standards (BBRS) regarding their desire to create a uniform construction control affidavit. Although it was acknowledged that the 780 CMR state building code neither specifically mentions nor requires the use of construction control affidavit for controlled construction, it was understood that most building inspectors require some form of affidavit to be submitted at the beginning and end of construction. That being the case, rather than the patchwork of documents that currently exist, staff (and architects) expressed a desire to create a uniform document that could be easily used by all municipalities and the state.

To that end the Board of AIA Mass agreed to submit two versions of a generic construction control affidavit, for both the beginning and end of construction, that could be listed under the frequently asked questions (FAQ) portion of the BBRS website.

While BBRS staff was soliciting comments from AIA Mass, they were also soliciting comments from the state inspectors who work within the Department of Public Safety (where the BBRS resides). At the monthly BBRS meeting on Tuesday, June 12th, the BBRS staff announced that having received comments from both AIA Mass and state inspectors, they are now in the process of reviewing the material. Staff also announced that before making a final recommendation to the full BBRS Board, they will circle back to AIA Mass and the state inspectors for their respective review and commenting on the staff recommendations. It is anticipated that a final recommendation will be placed before the full BBRS Board for their consideration in mid to late fall of 2012.
For the last few years WMAIA news has offered a survey of the many college architecture studios across our region (including Springfield Technical Community College, Williams, Smith, Mount Holyoke, and Hampshire Colleges, Five College Architecture Program, UMass Amherst and Conway School of Landscape Design). This year, we’re taking a different approach. Instead of showing glimpses into a dozen projects, we’re going to look more deeply at one exemplar. Hosne Ara Sufian just completed her graduate studies in the Architecture + Design program at UMass. What follows are excerpts and images from her thesis project. Enjoy!

Karnaphuli River-life Recreation and Research Center by Hosne Ara Sufian

**Introduction:** Rivers are integral parts of Bangladesh & Bengali people’s life. The country is criss-crossed by more than 700 rivers and their tributaries. Rivers formed this country and have been bringing life to the land with agriculture, fishing, electricity, transportation, and tranquility, creating opportunity for different occupations, and providing a very comfortable moderate climate. Due to overpopulation and urban sprawl, the current development pattern of the country is filling up wetlands, changing the course of, narrowing down (and in some cases killing) rivers for urban development, and causing great impact on the environment. As a consequence, the country is being affected by frequent flood, deforestation, tidal surge, cyclones, as well as a rise of sea level due to global warming. The concern for introducing an adoptive sustainable architecture has been noticed by every sector of development. This thesis emphasizes establishing unique architectural features that are especially applicable for riverfront architectures - leaving the least impact on nature and respecting the country’s tradition, heritage and lifestyle, which are inseparable from rivers.

**The Site:** A riverfront site located to the west of River Karnaphuli in the city of Chittagong, Bangladesh, is proposed for recreational development by the Chittagong Development Authority (CDA). The site is at the edge of the second largest city of the country which has a complex semi-urban development with fishing colonies, factories and industries, Chittagong sea port, open lands and continuous river views. The river bank of the entire district experiences a 6 - 8 foot tidal flood twice a day due to its close location to the river’s estuary where the river gets discharged to the ocean.

I proposed a river research center which would more act like a river interpretation center; where scientists and fishermen and the general public would get the chance to share all the knowledge about rivers’ importance in the country’s existence and our responsibility to rivers and nature.
Design Concept: The traditional boats of Bangladesh have always been fascinating for their craftsmanship, spatial quality, and their power to integrate human life with rivers and nature. As my intention was to integrate the unique features of tradition, culture and nature into architecture, I started by abstracting the traditional boats and stacking linear, floating platforms within a shell, which provides controlled shade to the platforms and creates nice outdoor spaces from where nature and rain could be enjoyed with different views of the river. The shading is designed according to the construction techniques of local fish traps to feature the richness of traditional crafts. In order to adapt to the tidal floods, I raised the entire building 25 feet from the ground and created open floating platforms on the ground to ensure accessibility at any time by boat or by walkways that connect the building with the main land. Some features like floating gardens, a rainwater storage system, floating restaurants and floating platforms and pathways suggest experimental ways to help avoid and prepare for disaster in flood-prone countries like Bangladesh.

In the design development stage Hosne’s thesis incorporated many of the cross media and transformational processes we encourage our students to explore. She, for example, studied and deeply appreciated the beauty of native fishing baskets that are part of Bangladesh’s marvelous craft history. She then wove these into a method for developing wooden shade screens for her project.

Hosne’s final design employed a number of floating and moving pieces fitting coherently into a lineage of architects who have explored kinetic elements in architecture. She was also able to link this type of movement with a flowing circulation pattern for visitors and staff through the ecological center. As faculty we certainly look forward to her future work in architecture.

~ Sigrid Miller Pollin, UMass Amherst

Images on this page (clockwise from upper left): Bangladesh’s classic fishing boats on the river, diagrams of Bengali fish traps, design process sectional studies
Key areas of research and exhibition:

- Cultural and Historical (protecting and reviving previous sustainable culture and heritage, reintroducing them in modern culture and period)
- Ecological Research (different species of flora and fauna)
- Naval Architecture (navigation and reintroducing sustainable boat architectures, encouraging uses of fishing traps, making them more modern, durable)
- Eco-Tourism
- River Hydraulics
- Resources (agriculture, hydropower)
- Hydro-chemistry (salinity, fresh water, water quality)
- Anthropology (the change of river course, causes, time period, effects)
- Archeology (land condition, use of sediments, potentialities, water body)

“Hosne’s thesis is exemplar in every aspect: research, design, presentation. It is illustrative of a signature of the University of Massachusetts Program of Architecture: investigatory, research based design, that embraces social and environmental agendas.

Hosne, now our second alumni from Bangledesh, has been a pleasure to work with: bright, diligent, creative, generous and with a sense of humor. We will be proud to have her representing the University of Massachusetts as she moves forward in her professional life.”

~ Kathleen Lugosh, UMass Amherst

Images on this page: renderings of final scheme on the site showing floating platforms and sun shading, first floor plan
Margo Jones

Congratulations to Margo Jones AIA NCARB, LEED AP, of Greenfield, who was elected secretary on the National Council of Architectural Registration Boards (NCARB) Board of Directors at its 93rd Annual Meeting last week.

Margo has served in various NCARB board positions since 2009 including as Director of Region 1. Additionally, she has served on several NCARB committees and task forces, including the Audit, Continuing Education and Internship Committees, the ARE® Subcommittee, and the Governance Task Force. She has also been a member of the National Architectural Accrediting Board (NAAB) visiting team since 2008.

Jones is the founder and president of Margo Jones Architects. She has served as secretary of the Massachusetts Board of Registration of Architects from 2008-2012. She was president of the WMAIA from 1994-1996, and has served on the boards of several community and cultural organizations, such as the Greenfield Community YMCA, the Massachusetts Historical Commission, and the Arts Council of Franklin County.

Teen Designer

The Chicago Architecture Foundation has announced the winners of its 2012 National High School Architecture Competition. Representing 20 high schools in 13 states, 110 teens submitted design projects to redesign their school cafeteria for healthy eating in a sustainable space. Local student, Cooper McGonigal, received an honorable mention for his redesign of his Northampton High School cafeteria. See all 110 competition entries in the Student Gallery of DiscoverDesign.org.

Historic Grads

The inaugural class of six students has graduated from the UMass Master of Science in Design in Historic Preservation that is jointly run with Hancock Shaker Village.

The graduates are pursuing diverse careers in historic preservation. One returned to get his degree in order to advance his company’s work on historic roofs. Another will use his degree to advance his activist preservation work in Springfield, where he has challenged the city’s willingness to neglect historic properties and then demolish them. Others will be working for museums, historic societies, and hands-on to restore and protect historic buildings and sites.

Applications are still open for the next program which starts in September. Visit www.umass.edu/preservation or contact Max Page for more info: mpage@art.umass.edu. Those interested in individual classes may register beginning on July 18 at www.umassulearn.net.

Fine Indeed

Coldham&Hartman Architects’ Ross Residence in Amherst, MA has been honored with both NESEA’s annual Zero Net Energy Building Award (given to a deep energy retrofit project for the first time) and Fine Homebuilding’s Best Remodel 2012 Award. See more at www.coldhamandhartman.com.

Preservation Honor

Thomas Douglas Architects and Jordi Herold, both of Northampton, were recently honored by Preservation Massachusetts at a gala in Boston. Douglas Architects worked with Herold to design renovations to three buildings in downtown Greenfield, the Allen, Pond and Siano Blocks.

Kudos

Local architect, Blake Williams AIA, of Dietz & Company Architects, Inc. has his entry, “Strip Stack”, on display at www.strip-appeal.com as part of the online exhibit for Strip Appeal, an international architecture and design competition sponsored by the City-Region Studies Centre of the University of Alberta. Blake’s entry was selected for the “Notables” category and will be published in an accompanying catalog.

The competition sought innovative spatial strategies and designs for the adaptive reuse of small-scale strip-malls. Blake’s entry incorporates housing units on top of an existing commercial building and reclames the front parking lot for a more sustainable mix of pedestrian access, site and building features, including recycling gray water.

In the Press

UMass Amherst, LEED Buildings, the USGBC West Branch and members of its steering committee (Ludmilla Pavlova AIA and Aelan Tierny AIA), together with Kuhn Riddle Architects, New England Environmental and Caolo & Bieneck were featured in a Business West article focusing on energy efficient buildings: www.businesswest.com/2012/06/leed-by-example.
Rising Star

By Erika Zekos, Associate AIA

Opalia Meade, not quite five feet tall, is nonetheless a powerhouse who knows what she wants and is on the road to achieving her goals. I had the pleasure of talking with her about her interest in architecture.

Opalia just finished her sophomore year in the UMass Amherst Architecture+Design program. Her curiosity about architecture has been present for a while, but has developed and evolved over the past few years. She began with an interest in business and real estate, but was also interested in the fine arts. She realized, over time, that she might want to actually design buildings (not just sell them) and by her tenth grade year realized that architecture was the right path for her.

At Springfi eld Central High School in Springfi eld, MA, Opalia took the studio arts classes that were offered, but she didn’t have access to any architecture or design classes. Wanting to build her portfolio and apply to college architecture programs, she found the Dunbar Community Center program in her neighborhood. It was just what she was looking for.

The UMass Architecture Program at Dunbar Community Center is an 8 week after-school introduction to architecture workshop that has been held at the community center for the last four years. It was created by Kevin Chroback AIA and Steve Schreiber FAIA and is taught by graduate students and professors from UMass Architecture+Design. About 80 students have participated in the program since it began.

With lessons like learning about sections by drawing cut green peppers and building models with a kit of parts to learn about path and place, Opalia was able to learn the basics and get a glimpse into what a college studio program would be like. Many different architects and engineers visited the program to share their career stories with the students. Most of the students, Opalia said, were not as interested in the topic as she was, but she Opalia was self-motivated enough to request a mentor and was paired with architect Steve Jablonski AIA, a relationship she has maintained to this day. Steve has helped her by inviting her to his office and advising her on her portfolio and applying to schools.

At UMass Opalia was eager to get started in her major, but enjoyed the year of foundations classes. She feels that her freshman year shared with other fine arts students made her a better artist and that her sophomore year of architecture studios has challenged her to think abstractly.

When I asked her what she brings to the studio experience that is unique, she noted that there aren’t many students of color in the program and she recognizes that there aren’t many minority designers in the profession at large. She feels that distinction personally when she meets new people and they are surprised that she has chosen to study architecture. Opalia said that as a young African American woman she feels some pressure to succeed, but is trying to ignore that and focus on her work.

One project that she is particularly proud of is the design for a Center for Architectural Research on a site in Amherst. This was her first project with a real site and a significant program requirement (students had to include entry space, library, administration and studios). Opalia was able to apply ideas she learned after spending time in the UMass Fine Arts Center studios and to incorporate the landscape in her design.

Opalia has spent the past two summers interning in Mass Mutual’s IT Department. Wanting to explore a department more similar to her career interests, Opalia hopes to move into the Corporate Real Estate Division of the company in the future. Eventually she is looking ahead to a master’s degree and imagines a career in architecture and real estate development. We have no doubts that she will be a big success!
IN THE WORKS

Juster Pope Frazier Architects
Nichols College Athletics

JPF continues its relationship with Nichols College with schematic designs for renovation and expansion of Chalmers Fieldhouse. Tentatively scheduled to begin construction in August 2013, the nearly twenty million dollar project involves several phases of construction to allow for continued occupancy while construction is underway. Program elements include a new athletics lounge, new athletics weight room, new athletics fieldhouse and locker space, new student fitness center, new aerobics studio and an alumni reception space. Juster Pope Frazier is currently working with Nichols on construction of their new ten million dollar campus center, scheduled to open Fall 2012 and a new Academic Resource Center scheduled for completion Spring 2013. Prior projects included a new 132 bed residential quadrangle, Copper Beech North and South.

Kuhn Riddle Architects
Amherst Montessori School

This project includes the renovation of a single story, 3,150 sf, two classroom Montessori School and the addition of a two-story structure, composed of 9,495 sf of additional classrooms, a multi-purpose room, administrative offices, and other support, mechanical, and circulation spaces. The concept was to capture the eye of the visitor and student with three small gables along the entry side of the building. Each one frames an important space (Main Entry, Multi-Purpose Room, and Community Kitchen), and brings the scale of the building down to feel approachable to even its smallest students. The building looks and feels like a residence, an important feature that plays into the Montessori Philosophy; the school is a home for learning. Construction began in June and is scheduled to be complete by December 2012.

Burr and McCallum Architects
Garage and Guest House

This will be a new garage and guest house in Salisbury, CT. The foundation has already been poured, with the garage door openings established. While the guest apartment didn’t need to be the entire second floor area, we wanted it to relate to the swimming pool on the left, giving it a leftwards lean. Visually tying the upper windows to the garage doors gives a commercial garage and factory look, and helps prevent the impression that the upper floor is toppling over into the pool.

Coldham & Hartman Architects
Bechtel Environmental Center at Smith College

Smith College is expanding its campus with a new building in Whately, MA. A combination environmental classroom, meeting space, and field station, the 2,300 sf building is being designed to meet the Living Building Challenge, as outlined by Cascadia GBC. While providing access to the college-owned land and views to the Holyoke Range beyond, the building is nestled into its site and preserves the bucolic landscape as much as possible. Building materials and interior finishes avoid the LBC “red-list” (toxicity is extremely low) and interior air quality is high. Nearing completion now, the building is expected to be used by students in the fall.
**O P P O R T U N I T I E S**

### AIA YAF Ideas Competition

The AIA Young Architects Forum (YAF) and the AIA Committee on Design (COD) invite architects, interns, students, and allied design professionals to submit sketches for this unique design competition. Submitters are asked to explore innovative design proposals for educating and encouraging Americans to live a healthier life.

Today, the design and construction industry has a chance to be a part of the solution which combats our physically inactive and unhealthy lifestyles, similar to how architects and urban reformers in the 19th and early 20th century helped defeat infectious diseases like tuberculosis. Now, instead of inventing life-safety codes, mandating adequate ventilation, or providing for sanitary drinking water; we can begin to retrofit our cities and communities as environments which promote active and healthier lifestyles.

### AIANE Save the Date

AIA Vermont is proud to host the AIA New England Conference & Design Awards Program on Oct. 19-21, 2012 at the Hilton Hotel & Conference Center in Burlington. For more details about the conference and design awards program, visit [www.aiavt.org/aiane_conf](http://www.aiavt.org/aiane_conf). AIA Vermont is very much looking forward to our participation.

### Architecture for Art

A4A invites you to check out their new Film Series. The first film, “Stone River”, a film by landscape architect and artist Jon Piasecki, was screened in late June at the Triplex Cinema in Great Barrington, MA.

For info about upcoming films check the website [architectureforart.com](http://architectureforart.com) or email Liane Torre at architectureforart@gmail.com.

### And to Think that He Saw It

Lyman & Merrie Wood Museum of Springfield History

Ongoing

Springfield native Dr. Seuss is a household name, but many people don’t realize that the buildings, people and landscapes from his childhood in Springfield appear again and again in his books.

This exhibit includes some remarkable comparisons of his fanciful illustrations with actual photographs of places and things in Springfield that he would have known. For example, the huge old building with four belching smokestacks that was the Springfield Gasworks appears as the Thneeds factory in *The Lorax.*
2012..., continued from Page 1

put Architects out in front, showing the world not only how to reduce the fossil-fuel use of individual buildings, but how to build more livable cities, how to re-think our manufacturing, transportation, and energy infrastructures? Of course I don’t know the answer, and neither did the candidate, but the sentiment resonated with him. Indeed enough AIA members have recently echoed the thought that the AIA has launched a study aimed at “repositioning the Institute”, which is intended to address this issue, among others. (Check out www.aia.org/practicing/A1AB094878?dvid=&respec=AIAB094878 for more on this initiative.)

Also in advance of the actual convention, a Delegate Handbook is published and distributed to the delegates. It provided info on the candidates as well as discussion of the various bylaw amendments and resolutions on the table. You may have heard discussion about proposed changes to the emeritus provision, which was rather contentious, and provisions being made for the creation of a new International Region, to serve the growing number of members practicing outside the country.

Finally at the convention, voting for officers took place just as you would vote for a local, state, or national politician – first the delegates needed to be certified, and then placed their votes in an electronic voting booth. Voting on the bylaw amendments and resolutions took place in an impressive business session, with delegates seated by region in a large event space. Huge monitors displayed the existing and proposed bylaws, members had the opportunity to speak in favor or against proposals, and votes were cast, tallied, and displayed instantly to the assembled body via electronic keypads. I imagined it to be very much what it must be like to be a member of the US Senate or Congress. Election results can be found at www.info.aia.org/aiarchitect/2012/0519/newsletter/elections.html, and bylaw amendments and resolutions at www.aia.org/practicing/A1AB094906.

All in all, I found the experience to be very rich and inspiring. I am reminded that it is only through real dialogue and engagement that we can strengthen the Institute and our profession. It is critical to do that, given the breadth and depth of the impact our work has on our clients, our communities, and future generations.

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WMAIA Design Awards Coming Soon

2012 is a Design Awards year for WMAIA. A Call for Entries will be out later this summer with submissions due in the fall. Awards will be announced at our Annual Meeting in December. As an added bonus – this year we will be organizing an exhibition (at the A.P.E. Gallery in Northampton) in conjunction with the Awards. This will be an excellent opportunity to showcase your recent work – start planning your submission now!

WMAIA Programs will resume this fall with building tours, lectures, professional development programs and our film series. Watch your email for more information! (If you are not receiving regular emails from WMAIA, please let us know – we are increasingly relying on email for our communications. You can reach Lorin Starr at director@wmaia.org or call 413-665-2424).