

# NH FORUM

For those who shape the built environment

## AIANH Chapter Meeting at KSC, May 1

Join us for a full evening of exhibits, socializing, and presentations



The next AIANH Chapter Meeting is our annual event with the Keene State College Architecture Department. We have a really full and exciting program this year, including an exhibit of the AIANH High School Design Competition submittals, display of the

myMarvin Studio competition projects, the open Architecture Studio, TDS Center building tours, a reception and dinner, followed by a presentation by David Croteau AIA, of Flansburgh Associates in Boston, MA. David will be talking about "Indigenous Architec-

*Continued on page 14*



A photo op from the opening session of AIANH's AIA+2030 Professional Series, March 27. From left, moderator **Dale Doller AIA**; **Bill Holtz AIA**, representing our Platinum Sponsor, Bensonwood; **Karolina Burt AIA**, Session I organizer and AIANH immediate past president; **Randall Walter AIA**, also from Bensonwood; and our presenters **Gunnar Hubbard AIA, LEED Fellow** and **Bill Reed AIA, LEED AP**. Dale Doller will be writing summary articles for each session, starting in the May *NH Forum*. Thanks to our **Platinum Sponsor: Bensonwood**, and our **Gold Sponsors: Eckman Construction, Milestone Construction & Engineering, Martini Northern, Pro Con Inc., and RPF Environmental**. The **Silver Sponsor, Session I** was **Lavallee Brensinger Architects**. *Photo by John W. Hession.*



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AIA New Hampshire

with contributions

from the Granite State

Landscape Architects

and Plan NH

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*NH Forum* Editorial Board:  
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The editors of the *NH Forum* seek to encourage a lively discussion of design and other topics of concern to designers. Opinions and proposals presented in the newsletter are those of the writers to whom they are attributed and are not a statement of official policy by AIANH, unless so stated.

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**NH Forum**

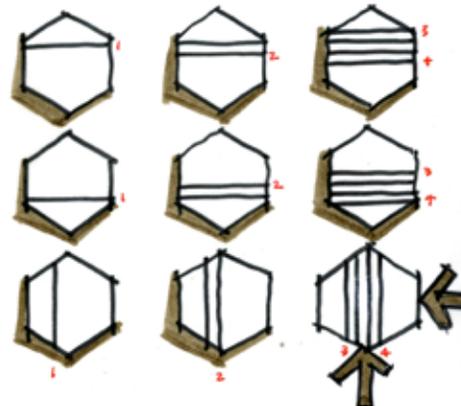
## Perspective

*Point of view from the president of AIANH*



Shannon Alther AIA  
 President 2014

So the answer to the quiz in February's article was as follows:



This month we are going to learn about the "most interesting man in the world." You may have seen him on TV, in print articles or on the web. He is the personality behind Dos Equis Beer, and is part of a pretty amazing marketing campaign. When the most interesting man in the world drinks beer, he drinks Dos Equis Beer. You may not drink this brand of beer, but there is merit in trying it. And of course since this an architectural newsletter, how does this most interesting guy relate to architecture? I have found at least one way.

First, most architects strive to be as interesting as they can. We go after jobs and try and sell our style, experience, and souls to the

highest bidder. We want to be as interesting in our own right and within our local work area. For those of you that actually make it to this point and splash onto the larger scene, congratulations. You have become that much more interesting.

The most interesting man has been all over the world and for all of his travels, he lives in Vermont! I was shocked at this. Who would have thought that New England had that much importance and pull. Now Vermont is slightly different than NH, but for the purposes of this article, they are similar enough in lifestyle and geography, that we can assume that this man chooses to live in the same area that we do. Congratulations, you are all that much closer to being interesting. So by direct relationship, if he chooses to live in this geographic location, we are by default that much more interesting than say, people from West Virginia.

A few things about this man. His name is Jonathan Goldsmith. He is a debonair guy with a pretty killer beard. Based on my picture above, you will see that I am bald (by choice) and have no beard. I slightly envy this man's hair and would attempt a beard like this if I could actually make it work. Back to Jonathan; he is so interesting that there are actually lists about his style, attitude, and person. I have compiled a few that I think paint a great image of him and does make him pretty damn interesting.

- When he drives a car off the lot, it increases in value
- His feet do not get blisters, but his shoes do
- He can speak Russian in French
- Superman has pajamas with "his" logo on them
- Sharks have a week dedicated to him
- Mosquitoes refuse to bite him purely out of respect
- He bowls overhand
- Even his tree houses have fully furnished basements
- His business card simply says "I'll Call You"
- If you want to learn more about him, please visit <http://dosequis.com/>

*Continued on p. 11*

# Emerging Professionals Network

by Matt Lawton Assoc. AIA, AIANH Associate Director



Matt Lawton Assoc. AIA  
Associate Director

As I move forward into my second year as Associate director, I've started thinking about how the position as changed me. Yes, I've become more involved with the Chapter on a more personal basis, I've networked with architectural professions in ways I've never done before, I've even reached out further into the larger architectural community and made contacts within AIA National, NCARB, and NAAB. But perhaps most profoundly, I've started to read more. Maybe this is because I'm looking for inspiration for these articles. Maybe it's because there is more being written by and for architects. Maybe the Internet is just an easier forum to navigate, with numerous free sources of information available, whether short snippets of profoundness, links to articles elsewhere, or something that from initial review wouldn't appear to be related, but somehow can be translated back to my architectural (or simply professional) development.

So what am I reading these days? Well, they come from a variety of sources, both printed and online mediums.

AIANH's *NH Forum*, this lovely publication in your hands (or on your screens): Alerting me of what's going on within the state, what other architects in the area are producing and proud of, and interesting stories from our presidents, oftentimes making me think about my own past, future, and goals.

*Architect*, the monthly trade magazine included with my AIA membership: The writing has improved vastly since becoming the official magazine of AIA, and is no longer just filled with advertisements for products and pictures of installations. The current issue resides in my car, getting pulled out when I'm stuck in traffic or when I'm going to be out for a while and need something to read to pass the time.

*Architectural Record*, another fantastic trade magazine: This used to be the magazine for AIA national, and I was disappointed when the switch was made. But I've since picked up a personal subscription, because the case

studies and articles are so well written, with design drawings and sketches.

*Metropolis*, an architecture, design and culture magazine: This magazine is one that focuses more on modern design and products, which provided lots of inspiration back when I started reading it in college. Today, it pushes me to think beyond the traditional designs we see within New England, keeping my mind on the future of design.

There are a variety of web blogs that I follow as well, that other young architects and interns should be reading. Some of these include "*Life of An Architect*," a 3-4 times a week blog looking into all the aspects of design and firm culture from Bob Borson, licensed architect from Texas; "*Coffee with and Architect*," which is a series of images, often humorous or pun-y in nature; "*thinklarchitect*" by Lee Caslisti, which provides advice for interns, students, and architects alike; and "*Architect's Trace*," a blog from Cogitate Designs, which talks about their projects, software, and design.

Most of us also have either a Twitter or Facebook account (or even both), and there are a variety of good pages to follow. For those emerging professionals, there are several pages to follow on Facebook. Personally, good sites that I follow are *NCARB*, *AIA National Associates Committee*, *AIA New Hampshire EPN*, and *AIA New England Emerging Professionals*. Often one of these groups will post articles and links to other fantastic sites, not only about

*Continued on p. 12*

If your design firm needs professional liability insurance,

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## NH Learning by Design

A Box City program started the last week of March at the Little Harbor School in Portsmouth.

Volunteers from TMS Architects (**Shannon Alther AIA** and Gillian Barresich) and JSA Inc. (**Caleb Sloan AIA** and **Tracy Kozak AIA**) are assisting at the program, which is being organized by Molly Green and supported by David Witham, a Portsmouth-area architect and parent who assisted with the previous programs there.

There will be an Open House on April 22, open to anyone to see the finished product.

Box City is a program of AIANH's *Learning by Design, Creativity in the Classroom* educational outreach program. **Scott Vlasak AIA** is the committee chair. Other committee members/and or volunteers are: **Bart Sapeta AIA**, **Patrick Gordon**, **Kimberlie Hoffman**, **Dennis McNeal AIA**, **Chris Kennedy AIA**, **Doug Bencks AIA**, **Cheryl Killam**, and **Susan Phillips-Hungerford AIA**.

*AIANH Members noted in bold type.*

terra firma  
landscape architecture



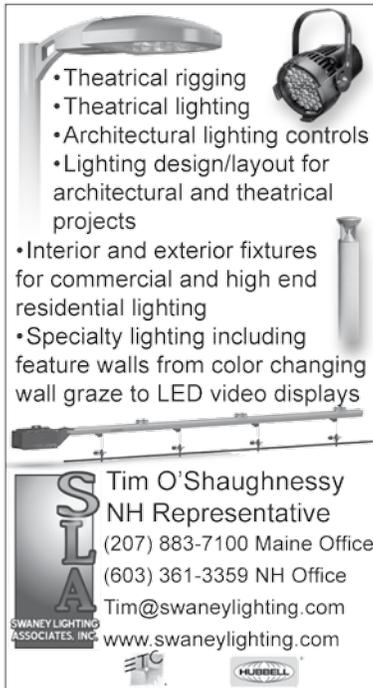
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## Job Opportunities, Positions Sought

Job listings and positions sought listings are on the AIANH website: [www.aianh.org/careers](http://www.aianh.org/careers). To submit an ad, please email ad text to [office@aianh.org](mailto:office@aianh.org). Job opportunity listings are free for AIANH members and \$80 for four months for non-members. Listings for Positions Sought are free for everyone. Please include your contact information with your ad listing.



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## Letters to the Editor

Editor:

A minor addition to Matt Lawson's article "Myths about Construction Administration." (March 2014 *NH Forum*).

Matt is correct when he states that "... it is the architect who is licensed by state law (RSA 310-A) to uphold buildings codes ...". Where he errs, in New Hampshire at least, is stating that this is not the builder's responsibility. NH RSA 155-A:2,VII states "The contractor of a building, building component, or structure shall be responsible for meeting the minimum requirements of the state building code and state fire code." So in NH, it is a shared responsibility; architects through their license and contractors through the building code legislation.

Thank you.

Jerry R. Tepe, FAIA

To the AIANH AIA+2030 Series Planning Committee:

I want you to know how absolutely amazing I found this first session. It far exceeded my expectations and makes me look forward to the rest of the series. I feel like I've already gotten my \$700 worth! Bill and Gunnar were engaging, knowledgeable, enthusiastic and entertaining – the perfect beginning. I wasn't sure when I signed up if this was going to be a course I could continue with or, frankly, worth the considerable time investment, but it's even more than that, and I'm anxious to continue my education in the next rounds.

Well done!

Howie Wemyss, General Manager  
Mt Washington Auto Road  
Great Glen Trails Outdoor Center  
Gorham Land Co.

*AIANH received this nice note from Sophia Monahon and thought we'd share it. Because this year's award was given posthumously to Rick and Duffy Monahon, The Clinton Sheerr Award Jury designated that the stipend that normally goes with the Award would be shared. The stipend went to Rick and Duffy's daughter, an architectural student in her 4th and last year at the University of Texas School of Architecture (UTSOA) in Austin, and the New Hampshire Preservation Alliance for the Rick and Duffy Monahon Fund. The Clinton Sheerr Award funds are managed by the NH Charitable Foundation and the Award is administered by AIANH.*

To the AIANH Chapter and the Clinton Sheerr Award Committee:

I am touched and honored that AIANH and The Charitable Fund have offered me this stipend. I know how much my parents valued the Historic Preservation and Architectural communities in NH. I am sure my parents would be relieved to know that the family of advocates and professionals they gathered around themselves through years of hard work and dedication have joined in commemoration of their commitment and in support for me.

I am sorry that I was not able to attend the awards event, but I was given updates by my uncle Malcolm and Dan Scully. Dan's words, and the piece you sent me from the website would have truly made my mom blush and my dad beam....

Many thanks for your support,  
Sophia Monahon



Striving to be the leading voice promoting free enterprise within the construction industry!

For more information or to learn more about membership contact the Chapter office:  
603-226-4789

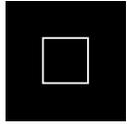


[yusen.com](http://yusen.com)

[lutron.com](http://lutron.com)

# AIANH Sends Leaders to Washington, DC

*Grassroots 2014, by Shannon Alther AIA*



March 19-21 was the AIA Grassroots 2014, Leadership and Legislative Conference in Washington, DC. This event is about

political advocacy, leadership, and this year we also received a review of the “Repositioning” efforts of AIA.

I, along with Carolyn Isaak, Paul Bourbeau AIA and Nicole Martineau AIA, made the trip and had a chance to make a difference.

## **Lobbying Agenda:**

There were three main topics (to ask support for) that we brought to our Representatives in DC. Congress was not in session, so we saw staff members at each office.

1. 179D: This currently suspended Tax Incentive is an avenue to encourage building owners and designers up to \$1.80 per square foot for Energy Efficient Improvements. This incentive lapsed at the end of 2013. We were asking that Congress extend and improve this incentive.

2. Design Build Efficiency and Jobs Act of 2013. This bill would make it harder for Federal Agencies to shortlist more than five (5) teams in a second round of design-build competition process.

3. National Design Services Act: This bill just introduced in the House, would extend to architecture graduates, student debt relief in exchange for work in underserved communities.

**Stop #1: Senator Jeanne Shaheen, New Hampshire** — The staff person, Danielle Geanacopoulos, was courteous and understood the three “asks” we were reviewing. We also discussed the Shaheen-Porter bill, the Energy Savings and Industrial Competitiveness Act. AIA has worked very hard over the last year and a half to keep the provision in that bill stipulating that Federal Buildings meet the 2030 standards. However, the provision was ultimately removed by oil-lobbying tie-ins, and AIA no longer supports it.

**Stop #2: Senator Kelly Ayotte, New Hampshire** — Staff person John Lawrence was knowledgeable on the three “asks” and would relay information to the Senator.

**Stop #3: Congresswoman Shea-Porter, District 1, New Hampshire** — The staff person, Tony Hobbs, was helpful since we were not able to set up a meeting ahead of time and



**Shannon Alther AIA, Nicole Martineau AIA, and Paul Bourbeau AIA in Washington, DC**

were a drop-in contingent. The staff person would send our comments along to his “boss.”

**Stop #4: Congresswoman Mclane Kuster, District 2, New Hampshire** — Staff member Derek Torrey was the most enthusiastic of our tour that day. He was very knowledgeable about energy efficiency and what an architect can do for a project, the community, and the environment. Architectural study was one of his top choices for college, but politics won out. At this meeting, the five of us were able to have a lively and exciting discussion. Thanks Derek.

## **Conclusion:**

The Governmental Bureaucracy rolls on in 2014. Our tour was satisfying in that we could explain our concerns and issues with representatives who could actually help our profession. It might take a year, or even four years for a bill / act to work its way into fruition. A quote that I heard earlier in the day: “The best time to plant a tree is 25 years ago, the next best time to plant a tree is now.”

Lobbying on Capitol Hill for architectural aspects is best done every year. Eventually our collective voice will grow into something positive. ■

## **AIANH Awards Program Exhibit**

The 2014 AIANH Excellence in Architecture Awards Exhibit began its rounds in March at the TDS Center, Keene State College. It is currently at the Manchester-Boston Regional Airport, through April.

Additional stops will be at NHTI Concord's Community College (May), the Hanover-Lebanon area (June), the Portsmouth Public Library (August), and in Laconia (September).

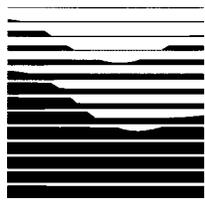
If you have an idea for a location, we have October and November still available. Please contact Caleb Sloan AIA, JSA Inc. Caleb csloan@jsainc.com.

## **Submit Your Details...**

Do you have an interesting job on the boards or one that is newly completed? How about a new hire, a promotion at your firm, or someone had a baby? Maybe you've recently received an award or had your project featured in a magazine?

Send us the information and we'll print it in our “Details...” columns. Email to [office@aianh.org](mailto:office@aianh.org). Photographs can also be used (300 ppi).

## GRANITE STATE LANDSCAPE ARCHITECTS



**GSLA**

New Hampshire  
Chapter of the  
American Society  
of Landscape Architects

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[www.gsla-online.com](http://www.gsla-online.com)

# NH Landscape Architecture Month

Governor Maggie Hassan has declared April as "Landscape Architecture Month." What does this mean and how will it help landscape architects and the general public?

The Granite State Landscape Architects (GSLA) would like to use this special designation to help spread awareness of the profession to a broad spectrum of the population.

To this end the GSLA has become active in several initiatives to promote the profession. We are currently in discussions with the National Parks Service to joint venture on a Souhegan River trail connector in Merrimack. It is hoped that the trail, which now is interrupted, will connect with a raised pedestrian bridge providing a safe and picturesque trail out to the Merrimack River and the Heritage Trail.

We have also had discussions with the folks who promote "PARK(ing) Day." This is a fun, national event where existing parking spaces are temporarily converted to spaces for people and not cars in urban areas. This has become

a successful venue for designers, planners and merchants. For more information see [parking-day.org](http://parking-day.org).

The GSLA is planning an event which will showcase both the professional work of our members and our "side" work, such as photography, painting and drawing. At the ASLA Expo in Boston last November, many prominent Landscape Architects donated works of art to benefit the profession. We are hoping to raise both interest and capitol to put towards a charitable contribution.

Finally, the GSLA will have our annual spring dinner on April 23 at the Common Man in Concord. Guest speaker Nadene Parzych will present information on cutting-edge, solid state LED products and technology. This is an open invitation to anyone who would like to join us for a good meal, networking and one credit toward your CEU requirement. Please go to the GSLA website for information on the Spring dinner, [www.gsla-online.com](http://www.gsla-online.com). ■



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# PLAN NH

Visioning for Sustainable Communities

## Notes from Plan NH

Plan New Hampshire, The Foundation for Shaping the Built Environment (Plan NH), is a 501(c) 3 non-profit organization formed in 1989.

Our purpose is to contribute to the quality of life in New Hampshire communities by promoting excellence in sustainable planning, design and development of the built environment. We are also strong champions of Smart Growth.

Our New Hampshire-focused membership is comprised of architects, landscape architects, engineers, planners, contractors and others with an interest in promoting and implementing environmentally, economically and socially sustainable communities. This diversity of membership brings a unique variety of views and perspectives to our approach to shaping New Hampshire's built environment.

#### Co-Presidents:

North Sturtevant (JSA Inc.)  
Roger Hawk (Hawk Planning)

#### Past President:

Bill Jean (Fulcrum)

#### Directors:

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Gordon Leedy (VHB)  
Rob Dapice (North Branch)  
Shannon Alther (ALANH Liaison and TMS Architects)

#### Executive Director:

Robin H. LeBlanc

Plan NH  
PO Box 1105  
Portsmouth, NH 03802  
603-452-PLAN (452-7526)  
www.plannh.org

**P**lan NH is pleased to announce the 2014 recipients of a Plan NH Merit Award:

#### Honor Award

##### *Railroad Land Development, Keene*

The jury found this to be an outstanding example of compact, mixed-use development where it can make a real difference for the community. They liked the integration of visual design and materials that reflect the rest of Keene, but stand alone as well. Important, too, is that to live, work or play there, one does not necessarily need a car.

**Owner:** Monadnock Economic Development. **Key players:** Daniel V. Scully Architects, George Hickey, Architect, CHA, SVE, Harvey Construction and Pro Con and Cheshire Builders.

#### Merit Awards

##### *The Endicott Hotel, Concord*

The jury liked the idea of having choices for people to live in downtown Concord, which will contribute to the future vibrancy of our capitol city. They also liked that this important structure was re-developed, rather than torn down, even after a fire created significant damage. Finally, they were impressed with the thoughtful, comprehensive planning that went into this effort.

**Owner:** CATCH Neighborhood Housing. **Key players:** CN Carley Associates, Steffenson Engineering, Nobis Engineering, Northway Bank, Cobb Hill Construction, Eclectica Design, Lavender and Lotus Interior Design, Renee Rucci Design and The Leading Edge Drapery.

##### *Families in Transition Lowell Street Addition and Historic Renovation, 136 Lowell Street, Manchester*

Not only was the jury impressed with the rehabilitation of the original house, and the large addition on the back which blends beautifully



**Railroad Land Development, Keene, NH**

visually from the street, they recognized the great planning that went into this project. The jury also liked the proximity to downtown and to public transportation. Each juror agreed that Families in Transition is an important organization that deserves recognition, an organization that "gives voice and hope to those who have a limited voice."

**Owners:** Families in Transition and Great Bridge Properties. **Key players:** North Branch Construction, Burnell-Johnson Architects

#### Honorable Mention:

##### *Renovations to the Dearborn Memorial Building (Odd Fellows Hall) at 434 Lake Avenue in Manchester*

The jury liked this project because the City took an important lead in the restoration AND recognized the importance of having important services in the neighborhood most needing them.

**Owner:** City of Manchester. **Key players:** CMK Architects, Milestone Engineering, Pilot Construction (Phase 1 renovations)

##### *Memorial Bridge Replacement Public Outreach and Involvement, Portsmouth NH*

The jury felt that this is an outstanding example of the significance of including as many people as possible in a community undertaking, especially those who believe their voice is not usually heard.

**Owner:** NHDOT and MDOT, **Key players:** McFarland Johnson, HDR, and Archer Western Contractors. ■

## Watch Cool Spaces!

As part of the AIA Repositioning it has sponsored "Cool Spaces!," an eight-episode public broadcasting TV series debuting this month. There will be an AIA TV spot running with Cool Spaces. The series is underwritten by the AIA and hosted by Stephen Chung, AIA.

Cool Spaces! explores how architects and their clients use innovative technology and practiced design traditions to shape the world around us. Equally interested in the design process and the design product, the program will demystify the work that architects do for a general audience, helping to build awareness of how an architect's hand can improve and refine nearly every aspect of the built environment.

Cool Spaces! will be seen nationally across the U.S., in 48 of the top 50 markets. Some stations will begin airing in April, while others may follow a month or two later. As of press time we don't see a commitment to run from NHPTV, so call the station and ask for this show! WGBH in Boston has committed to run it, but the broadcast dates have not yet been set.

## AIA Releases Repositioning Report



AIA embarked on a massive soul-searching initiative in late 2012 to assess the changes needed to position the Institute for the future. A great deal of research was conducted and reported on in 2013. Since then real steps have been made.

A Repositioning Report has now been released highlighting the initiatives undertaken. AIA President Helene Combs Greiling FAIA, and Chief Executive Officer Robert Ivy FAIA, introduced the report by saying, "We get it—and we're getting there, together. Now that the ethos driving positive change has been firmly established, we have accelerated efforts to act with intent and resolve. This report charts real progress, not just in the areas needing remediation—that's a given—but in how we're shaping a better future for ourselves, our profession, and our world."

Together, we made a commitment to positive change. The progress report highlights

some of the many ways we're reaching that commitment. AIA components and members are accelerating the pace of activity everyday—and keeping AIA on track to remake the Institute into 21st-century member organization that works for us all... Together, we agree that the time is now to change the way we think and behave in order to become a more valued, relevant profession.

The AIA is focusing its priorities to:

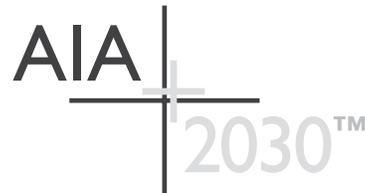
- **Elevate public awareness**
- **Advocate for the profession, and**
- **Expand and share knowledge..**

Bold, visionary leadership is urgently needed to ensure a prosperous future and to inspire architects to create a better world for all people—through architecture.

*(One of the many initiatives underway is the Cool Spaces! television series. See left side bar.)*

To view the report, go to [www.aianh.org](http://www.aianh.org). It is a top news item on the page. ■

### AIA New Hampshire presents the AIA+2030 Professional Series



*Preparing architecture and engineering professionals for the new energy frontier.*

*Session 2: April 24, 2014*

#### **Getting to 60: The Power of Targets + Load Reduction**

*Presenters:*

**Brian Adams LEED AP**, Integrated Building Energy Associates  
**Chris Schaffner PE, LEED Fellow**, The Green Engineer, Inc.

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## Repeal of NH Amendments to IBC Chapter 5

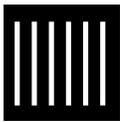
On Friday March 14, 2014 the NH Building Code Review Board voted to approve an amendment, submitted by NHBOA, to remove all New Hampshire amendments to the International Building Code 2009 Building Height and Area section 506. Chapter 5 of the IBC 2009 should be now used as as printed by the International Code Council.

Please note this is not a retroactive amendment. Each jurisdiction will need to determine for itself how this change will affect any projects that are under current review or design. *See below.*

Many in the design, construction and building inspection professions practicing in New Hampshire have been waiting for this action for the last 12 years.

## Cool IBC Update for NH Architects and Future Building Owners

by Shannon Alther AIA



So over the past few weeks I have been working on a challenging Code Review. This review pertains to a Type 1-A building at ground floor, a 3 hour horizontal separation assembly and then three separate Type 5-A buildings above; basically a large podium style project. The collection of four separate buildings creates the need for fire walls (two of them at the upper floor levels) due to the 41,000 SF floor plate that we have in place.

Reason for the challenge (other than a large building) is that the NH Amendments to Chapter 5 of IBC requires different calculation process for determining heights and areas increases. This NH Amendment can create a significant reduction in allowable floor as compared to IBC determinations. On medium and larger scale buildings, this can be the difference in needing multiple “smaller” buildings, challenging separation elements and / or costly design and construction aspects.

### Change:

As of noontime on Friday March 14, 2014, the State of NH removed all NH Amendments to IBC Chapter 5. This is perfect timing for my project, although a revised Code Review is now in process.

### Result of Amendment removal:

For my project, reverting back to IBC Chapter 5 entirely will allow the removal of one of the complicated fire wall elements. We would maintain the same Type 1-A ground floor building as before but instead of three separate buildings above there would just need to be two buildings due to a reduction to only one fire wall. In rough numbers, New Hampshire Amendments only allowed a 20,500 SF floor plate. Removal of the NH Amendments would now allow closer to a 40,000 SF floor plate.

### Conclusion:

Very cool changes to NH Code Regulations are in play at the design level and therefore puts New Hampshire more in line with IBC Heights and Area process that most other States utilize. Please refer to IBC Chapter 5 for your upcoming project. NH Amendments for Chapter 5 no longer apply. Medium and larger sized projects may become a lot simpler.

Also check with the local Building Inspector if you are currently in the middle of a project design. You may have the ability to revert to IBC Chapter 5 even if you are in the process that uses the NH Amendment based on your design start date. This may require a new Code Review...but could save the project some substantial costs in the long run. ■

## Welcome to these new Members!

*AIA and Associate AIA Members*

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CMK Architects

**David Sherborne AIA,**  
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## Call for Poets and Artists with Disabilities

In celebration of the 24th Anniversary of the Americans with Disabilities Act (ADA), the New England ADA Center is seeking poets and artists with disabilities.

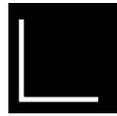
A Poetry Slam will be held in Boston on July 23 from 7:00 PM - 8:00 PM at the Institute for Human Centered Design at 200 Portland St. Boston. They are seeking poets who can captivate, connect with, and energize an audience. Good presentation skills a must! The call is open to poets of all ages living in New England who have a disability. The deadline for submissions is April 30, 2014.

They are also hosting an exhibition of artists with disabilities. The goal of this show is to celebrate the ADA by showcasing the works of artists with disabilities. The call is open to artists of all ages living in New England who have a disability. Submissions are due by April 30, 2014. The exhibition will take place at the Institute for Human Centered Design, 200 Portland St. Boston from June 26-July 28.

Information: <http://www.newenglandada.org/blogs/oharrison>

## Structural Corner

by Jeff Karam PE



### Introduction:

I've been a reader of the NH Forum for years. I look forward to receiving each issue to see what's new with architecture in the state. As a structural engineer I thought I might in some small way be able to contribute to the Forum's value by writing a column on structural issues that relate specifically to architects. I hope that through this column I'm able to inform the reader and provide some insight into items that affect our projects. To have this column be most effective I would be excited if readers contacted me with comments and suggestions of topics that have intrigued and/or puzzled them about the practice of structural engineering.

My experience in structural engineering has been fairly broad. After my master's degree from MIT I worked in Boston designing highway bridges. I had a stint as a field inspector for the Big Dig where I was able to see large scale construction up close. Since 1999 I've lived

and worked in NH and shortly after arriving I began to provide structural engineering for buildings and custom homes. I've seen a lot during my career and I hope to keep learning together.

I hope you enjoy the first column. I think it's interesting and something important to keep in mind the next time you might be involved in a renovation.

### Roof insulation and design snow loads

When updating an existing structure if a little extra insulation is a good thing then a lot would be a great thing, right? Well, not necessarily from a structural standpoint. Increasing the insulation of a roof can limit the heat loss, which, of course, is desirable from an owner's perspective, but if the ground snow load is high enough a structural analysis may then be required by the International Existing Building Code (IEBC).

So, how might some relatively light weight insulation cause an increase in design load and essentially require a structural analysis? It's

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MGA Marcus Gleysteen, Architects, Boston, MA

because the reduced heat loss may lead to more snow being left on the roof at a given time. In calculating a design snow load structural engineers have to consider the “Thermal Factor.” There are four different Thermal Factors in the 2005 American Society of Civil Engineers Minimum Design Loads for Buildings and Other Structures (ASCE 7-05) and two of them are appropriate most often. They are a default value of 1.0 for conditions not meeting specific requirements and 1.1 for “structures kept just above freezing and others with cold, ventilated roofs in which the thermal resistance (R-value) between the ventilated space and the heated space exceeds 25.” In other words, if you have a ventilated roof with R25 or greater a 10% increase in snow loads is expected.

As an architect or engineer, you then end up in IEBC where you have three compliance methods available for altering an existing building. Each path has language stipulating that when any gravity load carrying structural member would have an increase in gravity load of more than five percent as a result of alterations, the member needs to be able to resist the loads required by the International Building Code for new structures.

If you’ve specified new roof insulation R25 or greater to replace something less than R25 you’ve created a situation in which the design snow load is 10% higher than before.

This doesn’t mean you’ve changed the gravity loads by 10% for the whole building, or even a roof member. It’s necessary to evaluate the snow load as a portion of the entire loads on the member or building and compare that to the five percent trigger. However, with typical roof dead loads and NH snow loads this change would represent an increase in excess of five percent of the total roof load. This increase would trickle throughout the building to lower floors but at some point prior to the foundation the additional load effect may become small enough to be within the permissible five percent increase.

It’s important to remember that existing members may have reserve capacity and that structural analysis may prove that no strengthening, altering or replacing of members is required. Also, if other items are being altered the change in total loading may be further increased or even decreased. It’s important to assess the entire renovation as a whole. ■

*Thank you for reading. If you have comments or suggestions for future columns relating to the practice of structural engineering please contact me via [jeff@evergreenstructural.com](mailto:jeff@evergreenstructural.com).*

— Jeffrey Karam, PE is the principal of Evergreen Structural Engineering, PLL, [www.evergreenstructural.com](http://www.evergreenstructural.com)

### ALTHEA, Cont’d from page 2

As architects, if we could obtain the coolness that Jonathan does, we would be so interesting and famous, we could possibly have a week dedicated to us by AIA. Not to mention so many jobs that we could command — whatever fee structure that we wanted. But being “that” interesting does have drawbacks... not sure what they are yet though.

In theory, to be most interesting, you should

have a story for everything that you do and why you do it. Most architects fulfill this notion easily and will gladly give you their points on design, on life, and again, of course, about design. The next time someone asks you what type of beer you might want to try, go with Dos Equis. I promise that it will make you that much more interesting, which is not a bad thing at all. ■



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## Legislative Update

### SB209

Members of AIANH's new Architects & Engineers Emergency Response Task Force (NH AEER TF—formerly referred to in these pages as the NH Building Disaster Response Team) have been closely following and lobbying for SB 209, adding architects and engineers to the NH Good Samaritan Law. The bill was approved in the NH Senate after amended language to require emergency response activity to be under the direction of NH Homeland Security/Emergency Management. The bill is being considered by the House Judiciary Committee as we go to press. AIANH and SENH have sent letters of support and Task Force members have testified at hearings before the Senate and House Judiciary Committees.

### SB220

Also, members of the State Licensing Board testified in regards to SB220. This bill establishes the criteria, and procedures for, and the penalties which may be imposed in, disciplinary actions undertaken by the Board of Architects. This also passed the Senate and is before the House as we go to press.

## Better Water Leads to Better Living

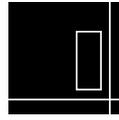


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# NCARB Proposes IDP Credit Beyond Six-Month Reporting Deadline



A modification to the reporting requirement known as the “six-month reporting rule” for credit in the Internship Development Program (IDP) is being proposed by the National Council of Architectural Registration Boards (NCARB). NCARB President Blake Dunn announced the potential change in his remarks at the NCARB Regional Summit, attended by members and executives from 53 of the 54 jurisdictional licensing boards throughout the United States. The NCARB Board subsequently voted on Sunday to propose an adjustment to the IDP Reporting Requirements, relative to the so-called six-month rule, after a 90-day comment period from its Member Boards. The adjustment would become effective not later than 1 January 2015. The Board would have to formally adopt the change at its meeting preceding its June Annual Meeting in Philadelphia. This latest adjustment to the IDP by the NCARB Board comes after earlier Board discussions regarding IDP simplification efforts and hearing input from the NCARB Intern Think Tank. Dunn indicated that more simplification steps will be addressed this spring and unveiled at the NCARB Annual Meeting.

The specific adjustment would, for the first time, allow credit for intern experience that occurred up to five years beyond the current reporting requirements. Credit for experience beyond the reporting period would be valued

at 50 percent for up to five years, after which any experience would be ineligible for credit. Dunn said, “This adjustment creates a parallel with our five-year rolling clock for honoring examination results, emphasizing a consistent position that activity along the licensure path holds its value for five years.” He added that by preserving a 100 percent value for experience earned and reported within the reporting period, IDP participants will continue to be incentivized to comply with the reporting rule.

July 1 of this year marks the five-year anniversary of the establishment of the reporting rule. Improvements to IDP reporting ranging from online and mobile app tools to acceptance of academic credit as eligible for IDP credit have minimized, over time, the frequency of “missed deadline” complaints according to Dunn. He said, “Other changes to IDP, including elimination of minimum duration requirements and simplification of eligibility to a high school diploma, are based on a belief that ‘experience is experience.’” After five years it is appropriate to take stock of what is working and make adjustments to recognize the value of experience in the path to licensure.”

The NCARB Board will review comments from its Member Boards over the next couple of months, and place a formal vote on the change onto its June pre-Annual Meeting agenda. To read the proposed amendment to the reporting rule, go to the NCARB website, [www.ncarb.org](http://www.ncarb.org). ■

### LAWTON, *Cont'd from page 3*

what is going on with AIA, but also within the profession as a whole, with focuses on diversity, education, professionalism, advocacy, and sustainability. NCARB also compiled a fantastic list of Twitter accounts to follow, mostly of emerging professional chapters and their activities, some of the blogs I've noted before, and national accounts.

So that's what's on my coffee table, and the emails I'm reading and following. What are you reading? Is there something on your

list that I should be reading, and that should be shared with the larger community? Send me your stuff!

If you are interested in submitting ideas for future programs, have thoughts about the future of the profession as a young architect, want to be added to the email list, or would like to get involved, we'd love to hear from you. Send your email address to [matt@agarchitects.com](mailto:matt@agarchitects.com). ■

# Sherry-Lea Bloodworth Botop is New Director of the AIAF



AIA Foundation (AIAF) President George H. Miller, FAIA, named Sherry-Lea Bloodworth Botop, CFRE, as Executive Director of AIAF, the philanthropic extension of the AIA. Bloodworth Botop is responsible for all programs and activities related to the AIAF mission.

Bloodworth Botop joins the AIAF from Architecture for Humanity, where she served as a Senior Advisor and Director of Strategic Development. Her role encompassed leading the development teams, assisting the Board of Directors with development strategies, and managing key donor relationships as well as relations with foundation, government, and non-governmental organization partners.

Some of you may remember Sherry-Lea from her time working in New Hampshire as a Senior Advisor at the New Hampshire Charitable Foundation (June 2011-June 2013 in Portsmouth).

Bloodworth Botop's long-standing philanthropic expertise includes founding Housing Resource Centers with embedded Design Studios following Hurricane Katrina. Following testimony before Congress centered on the value of design in communities, she raised more than \$40 million dollars to help rebuild low-income communities across the Gulf Coast. She is a 2014 White House Innovation Fellow and a member of the Clinton Global Initiative.

Erica Rioux Gees, AIA, will take on a new role with the Foundation as Director of the Octagon, a new initiative and one of three core

areas of programmatic focus. In addition to stewardship of the Octagon House, the AIA's first national offices, Gees will help lead the Foundation's efforts to advocate preservation of U.S. architectural sites of historical significance as well as administer the scholarship and educational programs.

The AIA Foundation's purpose is to connect the value and impact of good design with the public through programs recognizing design excellence; drive positive change to meet the challenges of today's designed environment by highlighting innovative design solutions; and helping shape the future by nurturing talent and diversity in new generations of design professionals.

"The AIA Foundation is in very capable hands," said Miller. "Sherry-Lea Bloodworth Botop brings creativity and proven leadership demonstrating the essential role of good design in our lives. Combined with Erica Gees' deep knowledge of historic preservation and planning, I'm confident the Foundation will make great progress in expanding public understanding and appreciation for the enduring value of architecture," Miller added.

The AIA Foundation preserves, honors, and advances excellence in design for the benefit of the public. As the not-for-profit philanthropic extension of the American Institute of Architects, the AIA Foundation is the preeminent voice and advocate for architecture and design in America. The AIA Foundation is dedicated to the belief that good design is good for all and plays an essential role in transforming lives and building a better world. ■

## Details...

**North Branch Construction, Inc.** of Concord is building a new 5,750 square foot two-story, wood-framed duplex for St. Paul's School. The new duplex on Sawmill Road on the St. Paul's School campus will have two detached garages and two screened porches and will provide housing for faculty members and their families. The building will also include numerous cutting-edge environmentally friendly building practices including air-source heat pumps, R-100 roof insulation, and 2" of continuous insulation outside the wall sheathing.

ICON Architecture of Boston is providing design for the project, to be completed this summer. This is the seventh faculty housing project that North Branch has completed for St. Paul's School, along with other recent projects including the 2013 mechanical upgrades of the Ohrstrom Library and the 2012 Schoolhouse Repairs.



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## Details...

**Banwell Architects** received the 2014 Efficiency Vermont Merit Award for Commercial Major Renovation: Gut Rehab for the work on the Windsor Village Apartments in Windsor, VT at the annual Efficiency Vermont conference in Burlington, VT. They were among 15 entries that were vying to be the Best of the Best in sustainable design in Commercial Building Design & Construction. The building was the old prison and has been renovated into housing units. Some of the top features of this historic renovation include: solar hot water array, wood pellet boiler with pellets stored in the old prison cells, high performance envelope, new energy efficient windows and lights, rain garden and community garden.

The **MacMillin Company, LLC** has been officially awarded a construction management contract for renovations to the historic Hancock Meetinghouse in Hancock, NH. The Town of Hancock, NH and the First Congregational Church jointly own the building.

Renovations to the 1820 meetinghouse include structural stabilization, slate roof improvements, exterior painting with window repair, fire escape reinforcement, building accessibility (platform lift, interior ramp, and bathrooms), upgrading utilities and improvements to town hall space.

The project will break ground in early May and is scheduled for completion by October 2014. The architect for the project is Monahon Architects of Peterborough, NH.

### MAY 1 CHAPTER MEETING

*Continued from page 1*  
 ture in the Developing World: A Model for Sustainability.”

David is president of Flansburgh Architects. He has more than 27 years of experience in the planning and design of academic projects for public, private, and international schools throughout the US and around the globe. These facilities include academic buildings, dormitories, performing arts centers, business schools, and science and technology laboratories. Several of his educational projects have been recognized for design excellence, innovation, and sustainability by both industry peers and educators.

Under David’s direction, Flansburgh Architects has extended its reputation as a leader in design excellence and sustainable design throughout the global marketplace. Leading Flansburgh’s international work effort, Mr. Croteau travels around the world to Mongolia, Africa, Hong Kong, Lebanon, and Nepal, providing master planning, facility design, and sustainable design consultancy services for American schools.

Mr. Croteau led the design for Hawaii Preparatory Academy Energy Lab, a zero-net-energy, fully sustainable building, which

is the first K-12 facility to meet the Living Building Challenge. Flansburgh is one of the few architecture firms to successfully complete the rigors of the LBC. The lab facility design has earned the Honor Award from the BSA and AIA New England as well as the Excellence in Design Award and the Jack C. Lipman AIA Member’s Choice Award from AIA Honolulu. Under his direction, the firm has recently completed the design of the new 180,000-sf elementary school at International College, Beirut, Lebanon, which is certified LEED Gold, the first in Lebanon.

Mr. Croteau graduated Rensselaer Polytechnic Institute with a Bachelor’s of Architecture, where he later taught as an adjunct professor of design. He is a frequent lecturer at the National Business Officers Association, the National Association of Independent Schools, and the Advancement of International Education on educational design, sustainability, and campus planning. The TDS building at KSC, where we are meeting, won a 2013 AIANH Excellence in Architecture Award and was designed by Architerra Inc.

Please join us for this event at KSC, which promises to be full of energy and inspiration! Details and registration at [www.aianh.org/news-and-events](http://www.aianh.org/news-and-events). ■



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# Architecture Billings Index Shows Slight Improvement

After starting out the year on a positive note, there was another minor increase in the Architecture Billings Index (ABI) last month. As a leading economic indicator of construction activity, the ABI reflects the approximate nine to twelve month lead time between architecture billings and construction spending. The American Institute of Architects (AIA) reported the February ABI score was 50.7, up slightly from a mark of 50.4 in January. This score reflects an increase in design services (any score above 50 indicates an increase in billings). The new projects inquiry index was 56.8, down from the reading of 58.5 the previous month.

"The unusually severe weather conditions in many parts of the country have obviously held back both design and construction activity," said AIA Chief Economist Kermit Baker, Hon.

AIA, PhD. "The March and April readings will likely be a better indication of the underlying health of the design and construction markets. We are hearing reports of projects that had been previously shelved for extended periods of time coming back online as the economy improves."

#### Key February ABI highlights:

- Regional averages: South (52.8), West (50.5), Northeast (48.3), Midwest (47.6)
- Sector index breakdown: multi-family residential (52.5), commercial / industrial (51.9), institutional (49.6), mixed practice (46.6)
- Project inquiries index: 56.8

*The regional and sector categories are calculated as a 3-month moving average, whereas the national index and inquiries are monthly numbers. ■*

## Details...

**TF Moran, Inc.** was selected as a winner in New Hampshire Business Review's 2014 BOB Awards, which honor the best of business in New Hampshire in over 90 categories. TFMoran was honored in a statewide readers' survey in the Engineering Firm category.

"We are especially proud to receive this award two years in a row," says Robert Duval, president of TFMoran. "I credit our dedicated staff of civil, structural, and traffic engineers, land surveyors and landscape architects for the excellent service they give to our community every day," Duval continued.

TFMoran and the other winners were honored on March 6, at the Grappon Conference Center in Concord. "With 3,900 ballots cast for the 2014 Awards, the BOBs continue to be considered a standard of excellence in New Hampshire," said Jeff Feingold, editor of NHBR.

## Construction Summary

**Project Type:** Cowell Stadium Lights & Seats (UNH)

**Cost:** \$1,900,000

**Location:** Durham, NH

**Owner:** University of NH

**Architect:** Lavallee/Brensinger PA

**Engineer:** Rist Frost Shumway Engineering

**Const. Mgr.:** Engelberth Construction Inc.

**Project Type:** Liberty Utilities Facility Renovations

**Location:** Lebanon, NH

**Owner:** Liberty Utilities

**Architect:** Lauer Architects PA

**Engineer:** Yeaton Associates

**Gen. Cont.:** North Branch Construction

**Construction Summary is provided by Construction Summary of NH, Inc. 734 Chestnut St., Manchester, NH**

**Project Type:** Meadowbrook Midway Building & Loading Dock Expansion

**Location:** Gilford, NH

**Owner:** Meadowbrook Farm LLC

**Architect:** Stewart Architects

**Engineers:** Steven Smith & Associates,

CPB & Associates,

Steffensen Engineering

**Gen. Cont.:** Bonnette Page & Stone

**Project Type:** Stillings Dining Hall Mechanical / Electrical & Plumbing Upgrades/ Reconstruction of Brookway & Restoration Of Pettee Brook)

**Cost:** \$1,800,000

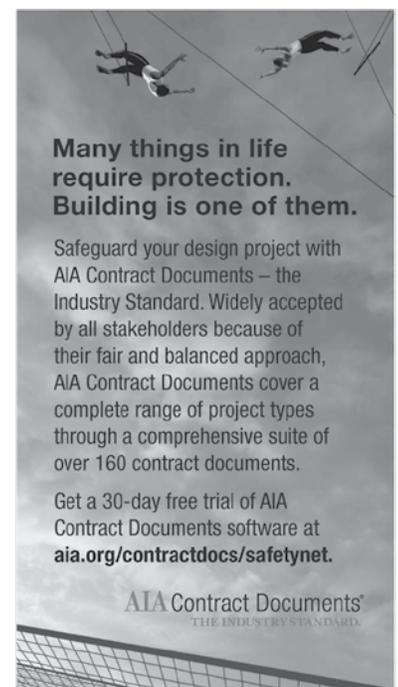
**Location:** Durham, NH

**Owner:** University System of NH

**Architect:** Harriman Associates

**Engineer:** Tighe & Bond

**Const. Mgr.:** Shawmut Design & Const.



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## Calendar of Events

**April 6-12 National Architecture Week**  
Throughout the week, AIA National will post links to videos on Twitter and Facebook from several award-winning architects sharing what inspires them about architecture. Follow AIA National (Facebook) and #arch-week14 (Twitter).

**April 12** Local Energy Solutions Conference brought to you by the New Hampshire Local Energy Work Group, Winnisquam Regional HS, Tilton, NH, 7:30 am-4pm. This annual LES Conference provides critical resources, information, and guidance for local governments and school districts across the state seeking to implement an energy reduction project in their municipality. The theme for the Conference is "Putting the Local Back in Local Energy" and keynote speaker, Lynn Benander, has an innovative and back-to-the-future vision of how communities across New England can lead such efforts. The **AIANH Environmental Guild** is presenting a session at this conference. <http://lesconference.nhenergy.org/>

**April 23** GSLA Spring Dinner Meeting. Celebrate Landscape Architecture Month with an evening of socializing, dinner, and learning. Capitol Room at the Common Man Restaurant, 25 Water Street, Concord, NH; 5:30-8:15 pm. Presenter: Nadene Parzych of Landscape Forms presents: "LEDs for Pedestrian & Pathway Lights: Design, Ecology, Technology". Info: <http://gsla-online.givezooks.com/events/gsla-spring-dinner-meeting>

**April 24 Session 2, AIA+2030 Series: Getting to 60: The Power of Targets + Load Reduction.** [www.aianh.org/news/aianh-events](http://www.aianh.org/news/aianh-events). Audubon Center, Concord, NH, 8am-12:30pm. [www.aianh.org/news/aianh-events](http://www.aianh.org/news/aianh-events)

**May 1 AIANH May Chapter Meeting at Keene State College.** Join us for our yearly event with the Architecture Department at Keene State College. We'll be featuring an exhibit of the AIANH Speaker: David Croteau AIA, LEED AP, principal of Flansburgh Associates in Boston, MA, talking about "Indigenous Architecture in the Developing World: A Model for Sustainability." [www.aianh.org/news/aianh-events](http://www.aianh.org/news/aianh-events)

**May 5-9** Guidelines for Laboratory Design: Health and Safety Considerations, Harvard School of Public Health, 677 Huntington Ave, Boston, MA; 8-5 each day. This program is designed for professionals involved in the design, construction, and renovation of laboratory environments such as laboratory owners, laboratory staff, architects, engineers, and safety professionals. Information: <https://ecpe.sph.harvard.edu/Laboratory-Design>

**June 5 AIANH Chapter Meeting.** Mark the date. Final Details are being confirmed, [www.aianh.org/news/aianh-events](http://www.aianh.org/news/aianh-events)

# AIA New Hampshire

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## Photo of the Month



**On My Way to Work, February 25. (Looks like we've finally seen the last of this for 2014!) by Christine Costaldo AIA, LEED BD+C, JSA Inc.**

**We Need More Photos!!! Do you have an interesting photo?** Why not send us on to print? 300 ppi jpegs, approximately 4 x 6 inches, BW or color. Send along a title, brief caption if you like, and your name, to [office@aianh.org](mailto:office@aianh.org).