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NOVEMBER 2015 ISSUE

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LETTER FROM THE CHAIR

*By Ashley R. Wilson, AIA | AIA 2015
Historic Resources Committee Chair*

Dear Historic Resources Committee
Members:

In preservation circles, the conversation has shifted to be about 'more than just buildings'. The movement embraces intangible stories, diverse people and evolving landscapes. I'm in lockstep with this evolution, but as an architect, I revel in the fact that buildings continue to be the physical evidence that unlocks memory and provides setting. Since repurposing old buildings is necessary for a healthy planet, the skill set embodied by Preservation Architects is valued now more than ever. We steward, maintain and retain character in buildings – learning from the past to create a better future. [Read more.](#)



HOW DO WE PRESERVE SUSTAINABLY?

By Steve Cimino | Digital Content Manager at the AIA

RECENT DISCUSSIONS

**SAH Latrobe Chapter, Annual
Conference Fellowship**

The Latrobe Chapter Annual
Conference Fellowship helps a graduate

student or emerging professional in architectural history, landscape history, urban studies, or historic preservation attend the Annual Conference of the Society of Architectural Historians, which in 2016 will be held in Pasadena, CA, April 6-9. [Read more.](#)

APT DC Presents Seneca Creek Quarry Hike

Join APT DC for a fall hike to the abandoned Seneca Quarry in Montgomery County that was once the site that provided the distinctly rusty red sandstone for the Smithsonian Castle and hundreds of buildings in the Washington, D.C. area. Late fall is the ideal time to visit the quarry, as the leaves are off the trees and you can see what an incredible site it is. [Read more.](#)

Preservation Text Book

Does anyone have any experience using the text book "Historic Preservation for Designers" by Peter Dedek. I would be interested in any feedback about this for a textbook in an HP course for architecture majors. [Read more.](#)



Frank Lloyd Wright's winter-home-turned-architecture-school proved to be the perfect gathering place for the AIA's inaugural meeting on the intersection between historic preservation and sustainability. The 2015 AIA Taliesin Colloquium - the third overall but first presented in tandem with the AIA's [Historic Resources Committee](#) and [Committee on the Environment](#) - used Taliesin West in Scottsdale, Ariz., as a backdrop for examining whole-building life cycle assessment (LCA), an oft-discussed method for digging deeper into the impact of materials on the built environment. [Read more.](#)

PRESERVATION AS PROVOCATION DESIGN COMPETITION

The **2015-16 Preservation as Provocation, International Student Design Competition** challenges students and multi-disciplinary teams in architecture, preservation, landscape architecture, planning, engineering, sustainable design and other cross-disciplines, to create a new Visitor Center and approach experience for the iconic Farnsworth House by Mies van der Rohe in Plano, Illinois. [Read more.](#)



PROJECT PROFILE – LEFRAK CENTER AT LAKESIDE PROSPECT PARK

By Michael Mills, FAIA and Matt Chalifoux, AIA | HRC Communications Subcommittee

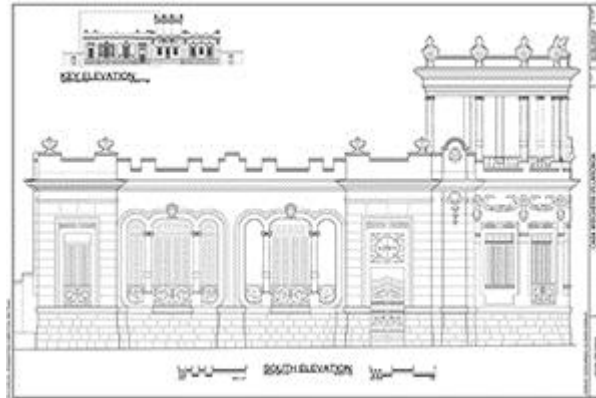
The overarching goal of this project was to replace a declining 1961 skating rink with a larger facility that allowed the restoration of the Olmsted/Vaux design intentions for this area of historic Prospect Park. The melding of an inspirational and sustainable design with the restoration of key components of the Park was the result of a unique collaboration between the design architect and the owner's landscape architect who fully collaborated in creating this extraordinary new destination. [Read more.](#)

FIRM PROFILE – TOD WILLIAMS BILLIE TSIEN ARCHITECTS

Tod Williams Billie Tsien Architects (TWBTA), based in New York City, is

an internationally recognized firm founded in 1974. Their extensive portfolio of award-winning projects culminated with the firm's recognition by the AIA in 2013 with the Architecture Firm Award. [Read more.](#)

HABS ANNOUNCES WINNERS OF 2015 PETERSON PRIZE



A student competition of measured drawings, the Charles E. Peterson Prize is presented jointly by the Historic American Buildings Survey (HABS) of the National Park Service, the Athenaeum of Philadelphia, and the American Institute of Architects. The annual competition, currently in its 33rd year, honors longtime NPS architect Charles E. Peterson, FAIA (1906-2004), a founder of the HABS program, and is intended to heighten awareness about historic buildings in the United States and to augment the HABS collection of measured drawings at the Library of Congress. [Read more.](#)

2015 LEICESTER B. HOLLAND PRIZE JURY AWARDS CITATIONS

The 2015 Leicester B. Holland Prize jury was held on August 12, 2015 at the American Institute of Architects (AIA) in Washington, DC. The Holland Prize, an annual competition open to both students and professionals, recognizes the best single-sheet measured drawing of an historic site, structure, or landscape prepared by an individual(s) to the standards and guidelines of the Historic American Buildings Survey (HABS), Historic American Engineering Record (HAER), or Historic American Landscapes Survey (HALS). [Read more.](#)

NATIONAL PARKS SERVICE REPORTS ON 2014 FEDERAL HISTORIC PRESERVATION TAX INCENTIVES PROGRAM

Private investment in historic preservation is alive and well, as outlined in a series of reports on the National Park Service's Federal Historic Preservation Tax Incentives Program. Projects certified through the program in Fiscal Year 2014 have contributed more than \$9.1 billion in output in terms of goods and services to the U.S. economy, and added \$4.6 billion in gross domestic product, according to an analysis by the Rutgers University Center for Urban Policy Research. [Read more.](#)

MID-CENTURY MODERN MATERIALS AND PRESERVATION SYMPOSIUM

By Matthew S. Chalifoux, AIA

Held in the shadow of the Gateway Arch, the Mid-Century Modern Materials and Preservation Symposium on April 13 to 16 2015 utilized the 50th anniversary of the completion of the monument on October 1965 as the motivational launching point for an academic and technical exploration of the preservation issues related to the materials of Mid-Century Modern construction. The symposium was the first in a series to be convened by the National Center for Preservation Technology and Training (NCPTT) to honor the 100th anniversary of the National Park Service and the 50th anniversary of the National Historic Preservation Act. [Read more.](#)

IN MEMORIAM: BONITA MUELLER

By Robert J. Hotes AIA, NCARB, LEED AP BD+C



It is with heavy hearts that the AIA Historic Resources Committee must pass along the news of the loss of our colleague Bonita (Bonnie) Mueller.

Bonnie was an esteemed preservation architect, having worked for the National Park Service for 26 years, most recently as a Project Manager with the Design and Construction, Eastern Team at the Denver Service Center. At NPS, she specialized in historic preservation projects for many of our country's most significant historic sites, including Harpers Ferry, Alcatraz Island, Meridian Hill Park, the Georgetown Waterfront, Manassas National Battlefield and others. [Read more.](#)

IN MEMORIAM: SPENCER LEINWEBER, PHD, FAIA

It's with profound sadness that we mourn the loss of Professor Spencer Leinweber, PhD, FAIA who passed away suddenly on June 20, 2015. She was Chair of the Historic Resources Committee in 1990, and served as the second woman to Chair the committee, which was founded in 1890. Spencer was an exemplary architect, teacher, and mentor. [Read more.](#)



UPCOMING EVENTS OF INTEREST TO HRC MEMBERS IN 2015

Traditional Building Conference / December 1-2 in Durham, NC

The next Traditional Building Conference takes place at the Doris Duke Center Gardens 420 Anderson St, Durham N.C. 27708 on December 1-2, 2015. Join us for 10 seminars about "Methods and Materials" and earn 10 AIA CEUs. Network with architects, planners, facilities managers, contractors and building artisans. Call Judy Hayward, Education Director for details 802 674 6752 and visit www.traditionalbuildingshow.com.

RESOURCES FOR YOU TO USE | NOVEMBER 2015 UPDATE

The Athena EcoCalculator: Center for Sustainable Building Research, University of Minnesota College of Design

By James J. Malanaphy, AIA

The **EcoCalculator for Assemblies Tool**. In an effort to spread awareness and make life-cycle assessment faster and more user-friendly, CSBR undertook the development of the Athena EcoCalculator for Assemblies. Using the Athena Impact Estimator for Buildings, data was derived for particular construction components that make up various portions of commercial, industrial, and institutional buildings.

[Read more.](#)

HRC SPONSORSHIP OPPORTUNITIES

By James J. Malanaphy, AIA | 2015 Chair, HRC Development Subcommittee

The Historic Resources Committee continues to provide ongoing sponsorship opportunities for AIA member firms, craftsmen and trades serving the owners of historic properties. Join a select group of historic preservation professionals in support of HRC programs. Benefits of sponsorship include participation at special annual networking events during the AIA Convention, the AIA HRC/Frank Lloyd Wright Foundation Colloquium at Taliesin West, and the APT and National Trust conferences. Your contribution will help fund:

- AIA HRC/ACSA Preservation as Provocation Ideas Student Competition
- Charles E. Peterson Student Competition for Measured Drawings
- AIA/NPS/LOC HABS Coordinating Committee
- HRC/HABS Student Internship Program
- HRC/Clemson University/ College of Charleston Pioneers in Preservation Oral History Program
- AIA HRC/Frank Lloyd Wright Foundation Colloquium at Taliesin West, and
- HRC fellowship events and educational programs at the annual conferences of the AIA, APT and NTHP

Learn more about the [2015 Sponsors and programs](#). The [2016 HRC Sponsorship Benefit Levels](#) table provides information on the benefits of

HRC sponsorship and sponsorship opportunities.

PRESERVATION ACTION LEGISLATIVE UPDATE

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LETTER FROM THE HRC CHAIR

By Ashley R. Wilson, AIA | AIA 2015 Historic Resources Committee Chair

Dear Historic Resources Committee Members:

In preservation circles, the conversation has shifted to be about ‘more than just buildings’. The movement embraces intangible stories, diverse people and evolving landscapes. I’m in lockstep with this evolution, but as an architect, I revel in the fact that buildings continue to be the physical evidence that unlocks memory and provides setting. Since re-purposing old buildings is necessary for a healthy planet, the skill set embodied by Preservation Architects is valued now more than ever. We steward, maintain and retain character in buildings – learning from the past to create a better future.

HRC events this fall embody this dynamic of nurturing and exploring. At the 2015 AIA Taliesin Colloquium October 9–11 at Taliesin West in Scottsdale, AZ, we joined with the Committee on the Environment (COTE) to explore Whole Building Lifecycle Assessment: New Conversations in Holistic Sustainability and Preservation. The intent of this gathering of professionals was to sharpen the rhetoric and to better express why longevity is the most viable approach for a sustainable future.

At the National Trust for Historic Preservation Conference in Washington DC, the Historic Resources Committee celebrated the 2015 HABS Peterson Prize Winners, a student competition of measured drawings for existing buildings. The competition guarantees additions of diverse buildings into the public archives at the Library of Congress. It’s also interesting to note how many of us, practicing preservation architects, came into the preservation field through the HABS summer internships or the Peterson Prize, which is celebrating its 33rd year. At the luncheon, we recognized this next generation of emerging professionals.

Another opportunity to engage architecture students in the preservation movement is the upcoming Preservation as Provocation student competition to design a new Visitors Center at the Farnsworth House. If you are a professor teaching a studio, check out this exciting competition on the [ACSA website](#).

There are many opportunities to get involved in HRC initiatives and we encourage you to reach out to the HRC advisors scattered throughout the country – Karl Stumpf, Washington DC, Wendy Hillis, Durham, NC, Michael Bjornberg, Minneapolis, MN, Lauren Pinney Burge, Akron, OH, Jeffrey Smith, Hammond, LA and James Malanaphy, MN and TX.

Ashley R. Wilson, AIA | 2015 Chair, AIA Historic Resources Committee

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AIA Architect

How Do We Preserve Sustainably?

At Taliesin West, historic and environmentally focused architects came together to debate the life cycle of materials

By Steve Cimino

Frank Lloyd Wright's winter-home-turned-architecture-school proved to be the perfect gathering place for the AIA's inaugural meeting on the intersection between historic preservation and sustainability.

The 2015 AIA Taliesin Colloquium—the third overall but first presented in tandem with the AIA's [Historic Resources Committee](#) and [Committee on the Environment](#)—used Taliesin West in Scottsdale, Ariz., as a backdrop for examining whole-building life cycle assessment (LCA), an oft-discussed method for digging deeper into the impact of materials on the built environment.

While operational energy is top of mind for many in the sustainability movement, speakers at the colloquium consistently emphasized the importance of factoring embodied carbon into the decision-making process. It's vital to model and minimize a building's daily energy usage, but considering the amount of energy used to create that building, and the carbon embedded in its walls, can provide more short-term benefits. What should be focused on more intently, they stated, are the consequences of the materials chosen and the potentially detrimental results of demolishing and rebuilding instead of reusing and renovating.

Peyton Hall, FAIA, host of the colloquium and past chair of the Historic Resources Committee, illustrated the complexity of this new priority by opening with a question: "Are our arms long enough to embrace two moral imperatives at the same time?"

Save Our Cities

The opening keynote was delivered by Carl Elefante, FAIA, director of sustainability at Quinn Evans Architects and originator of the now-famous line, "[The greenest building is the one already built.](#)" But even he noted that the profession is "not even crawling yet" in regard to whole-building life cycle assessment.

Nevertheless, now that the profession has embraced new building performance, it's imperative to address existing buildings.

"Since 2006, the United States building sector has added 20 billion square feet without increasing carbon output, Elefante said. "We have to stop thinking about the new places we're creating, and start thinking about keeping the places that



Carl Elefante, FAIA, spoke of the U.S. need to commit to renovation in Taliesin West's curtain-adorned atrium.

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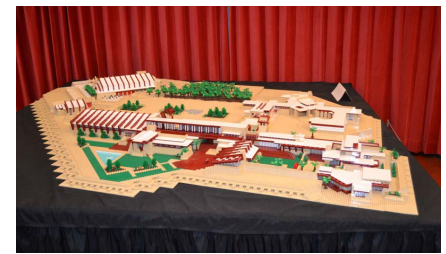
A lively panel discussion at the Taliesin Colloquium featured (left to right): Jean Carroon, FAIA; James Lindberg; Michael Gamble; Carl Elefante, FAIA; Fred Prozzillo; T. Gunny Harboe, FAIA; Jennifer O'Connor; and Stephanie Carlisle.

[ENLARGE](#)

actually have value to us.

"And it's not just a bleeding-edge thing," he added. "We need the architects down the street doing residential work on the same level."

Elefante implored his audience not to let our cities devolve, as they are what keep society moving down a progressive path. They also feature a large mix of old and new buildings, one that needs to be exploited to keep efficiency high, rents low, and the city's historic infrastructure intact.



Answering the age-old question, "What would Taliesin West look like if it were made out of Legos?"



"If we can get all the second, third, and fourth floors in buildings downtown filled with people," he said, "I don't care if we ever do another LEED Platinum."

Because, as others would state throughout the colloquium, the worst thing would be to join the rest of our modern culture in thinking disposably. "Our timeframe, whether we want to admit it or not," he said, "is forever."

Show Me the Value

Elefante was followed by a daylong series of sessions geared toward preservation experts and sustainability analysts alike.

"The key metric is 'prove it,'" said Michael Gamble, director of graduate studies at the Georgia Tech School of Architecture, who noted a distinct need for proper sustainability targets, beneficiaries, and a firm definition of LCA before the idea expands further.

Jennifer O'Connor, president of the [Athena Sustainable Materials Institute](#), agreed, stressing the need to "understand how to use [LCA tools], and how to interpret results" before involving clients in a process that's not fully comprehended on either side.

One thing was for certain: Architects are enthused by this concept. While limiting operational carbon is a multifaceted endeavor that involves so many other elements of the building process, performing a proper life cycle assessment and making the right choices in materials is strictly architectural. As Stephanie Carlisle, an environmental researcher at KieranTimberlake, noted, "Every impact associated with a building is the result of a design decision."

Like all questions of sustainability, however, much comes down to the marketplace. If a client isn't interested in an environmentally friendly approach—let alone a detailed review of all potential materials being used—even the best intentions can fall by the wayside.

"We need to communicate the value premise in terms that investors, appraisers, and leaders understand," Gamble said.

Those could be additional carbon offset opportunities that reward rehab over new construction, or a next generation of benchmarks that values reducing embodied carbon more than [LEED v4](#). Either way, Carlisle noted that more tinkering needs to be done before LCA is built into any laws.

"You don't want LCA to be part of code right now," she said. "It's too data-poor, and the diversity of existing methods is allowing everyone to draw their own meaningful conclusions. I'd love to have a quick mechanism that spits out answers, but not if it stymies growth."

Preservation is Paramount

On the colloquium's final day, T. Gunny Harboe, FAIA, of Harboe Architects tied the themes together by offering up the strategies involved in preserving and improving Wright's Scottsdale compound.

With Taliesin West being a national historic landmark that was established in 1937—originally as a seasonal home, to boot—the complications in improving ventilation, energy efficiency, and numerous structural elements are ample.

"A directive from the Frank Lloyd Wright Foundation was, 'Preservation is paramount,'" he said, "but what does that mean for the buildings? That's one of the questions we're trying to answer."

Therein lies the rub: how to combine the conservation of a historic structure with an admittedly ambitious goal of going net zero, one that the team at Harboe Architects is pursuing. Their master plan was [presented to the public in late October](#), but there are still no estimates for scope, time, or total cost. "This isn't an answer," Harboe said in regards to the plan, "this is a road map."

There's a natural connection between the concept of sustainability and sustaining what already stands; but to find common ground architects will need to determine how to preserve with an environmental bent, to keep what's smartly made and replace what does not conform to a "forever" timeline.

Or, as Elefante put it, "Let's redefine the ways we save buildings for reasons other than preciousness."

Steve Cimino is the Digital Content Manager at the AIA.

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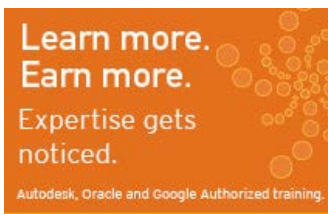
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PRESERVATION AS PROVOCATION DESIGN COMPETITION



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The goal of this competition is to explore how the collaboration between existing historic buildings and new design can produce uniquely thoughtful new places that negotiate the relationship between the past and the present. The solution should celebrate the past while optimistically addressing the aesthetic, cultural, spiritual, economic, practical and climactic challenges of our times.

The competition is organized by the [American Institute of Architects Historic Resources Committee](#) (AIA/HRC) along with the [Association of Collegiate Schools of Architecture](#) (ACSA), funded by the [National Center for Preservation Technology and Training](#) (NCPTT), a unit of the National Park Service and the National Trust for Historic Preservation

Schedule:

Summer 2015- Competition Announced

Fall 2015- Registration Begins (there is no fee for registration)

March 30, 2016- Registration Deadline

May 11, 2016- Submission Deadline

July 2016- Prize winners chosen by the design jury

Summer 2016- Announcement of competition winners

More information about the competition is available on the [ACSA website](#).

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LeFrak Center at Lakeside, Prospect Park, Brooklyn, New York

Tod Williams Billie Tsien Architects / 2015 Institute Honor Award for Architecture

By Michael Mills, FAIA and Matt Chalifoux, AIA / HRC Communications Subcommittee

Jury Comment

The natural flow of this site was fully re-created by the transformation of an asphalt parking lot into a beautiful and thoughtful design that allowed restoration of the Olmsted/Vaux landscape.

Project Profile

The overarching goal of this project was to replace a declining 1961 skating rink with a larger facility that allowed the restoration of the Olmsted/Vaux design intentions for this area of historic Prospect Park. The melding of an inspirational and sustainable design with the restoration of key components of the Park was the result of a unique collaboration between the design architect and the owner's landscape architect who fully collaborated in creating this extraordinary new destination.

Project Description

Spearheaded by the Prospect Park Alliance and the New York City Department of Parks and Recreation, the LeFrak Center project developed a year round, 75,000 square foot, skating and recreational facility. Its program included winter outdoor and under cover ice skating, summer roller skating, and a warm-weather water feature. The location in place of a former, insensitively sited on grade parking area facilitated the Park Alliance's goal of reclaiming and restoring some key features of 26 acres of the original Olmsted/Vaux park design.



Figure 1: The LeFrak Center is a public amenity sited in one of the most underserved and diversely populated areas of Prospect Park. The new building is a year-round destination for recreation, relaxation, and events. The one storey structure seamlessly integrates with the existing and newly constructed topography. Photo credit: Michael Moran/OTTO.

Constructed in rough-hewn granite, the Tod Williams-Billie Tsien (TWBTA) design is embedded in the topography of the park with stone landscape retaining walls. Its "L" shaped plan consists of two, one story structures, connected by a bridge at roof level, which contain skate rental and changing areas, offices, a café, party rooms, and a large

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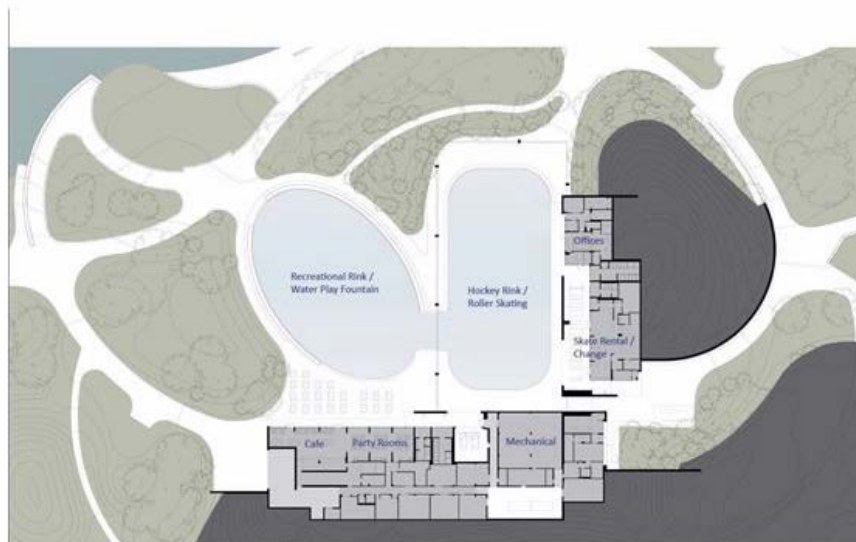


Figure 2: Framed by the building blocks and sheltered by the canopy is a regulation size hockey rink which converts to roller skating in warm weather. This rink connects to an elliptically-shaped recreational rink that is a water play fountain in the summer. The building blocks house the ticketing area, skate rental, offices, a cafe, party rooms, rest-rooms and mechanical spaces. Photo credit: TWBTA.

The structures frame a regulation hockey rink beneath a monumental canopy, and an outdoor elliptical rink that converts to a water play feature in the summer time with views toward Prospect Park Lake.



Figure 3: From the terrace, there is a great opportunity for people-watching of families having fun whether they are ice-skating, roller skating, or splashing in the water-play fountain. The roller rink brings roller skating back to Brooklyn for the first time since 2007. Photo credit: Michael Moran/OTTO.

The cantilevered canopy on irregularly spaced columns is the most distinctive new feature of the design, and has planted, roof top terraces that are accessible by visitors with generous views of the park.



Figure 4: The LeFrak Center is focused on the seamless integration of architecture and landscape. The building blocks are configured around existing trees, and new walkways lead visitors to the roof terraces, which are planted with shrubs and grasses. This tree is an original from Olmsted and Vaux's plan. Photo credit: Michael Moran/OTTO.

The canopy ceiling floats 23 feet over the hockey rink and shields about half of the ice in the winter, which saves energy and allows for more efficient ice-making. The soffit of the ceiling consists of dark blue, synthetic stucco carved with silver shapes inspired by figure skating patterns.



Figure 5: The ice rink serves skaters and hockey players in the winter months and transitions into a roller-skating facility and event space in Spring and Summer. Photo credit: Michael Moran/OTTO.

"The metal swerves contain indirect lights which alternate with LED downlights to become surrogate stars at night," said Andy Kim, Project Manager with TWBTA. The design is at once poetic and practical, and utilizes durable and maintainable materials in creating a structure that grows out of the landscape in an organic and sensitive way. With sustainable design features that include efficient refrigeration for ice making and a rainwater collection system on a "green" roof, the LeFrak Center is a LEED Gold Certified structure.

Preservation Approach

Tod Williams Billie Tsien Architects (TWBTA) was selected by the Prospect Park Alliance in August of 2005, from an invited field of 40 architects. The biggest reason for their selection recalled Christian Zimmerman, Head of Design for the Alliance, was their "sensitive use of materials in their work and the quality of design achieved in their other projects." One of the projects cited was the Natatorium at the Cranbrook Academy in Bloomfield Hills, Michigan. The design for the LeFrak Center evolved from its inception to approval by the Alliance and the Landmarks Preservation Commission over five years from January of 2006 to 2011. Construction took two years from February to 2011 to a public opening in December of 2013.

The preservation approach was unconventional due to the unconventional nature of the client. Usually the

architectural design consultant would include a preservation professional or cultural landscape architect to provide documentary research and guidance on the treatment of the historic context. In this case, the Alliance had Mr. Zimmerman, a licensed landscape architect on staff who is one of the experts on the history of Prospect Park, its original features, and the intentions of the original designers. He provided the historic conscience to the design team and worked collaboratively with the architects Tod Williams, Billie Tsien, and Project Manager Andy Kim who shared from the outset a great respect for the site as well as the goal of creating a new facility that responds to the needs of the Park and is at once a strong statement and destination. The completed pavilion clearly articulates their shared aspirations for the project and their skill in creating something new that allowed for the recreation of significant components of Prospect Park.

The success of their effort is perhaps best shown by a series of site plans. The first is an original historic drawing by Olmsted and Vaux. Their design as shown below includes rolling green meadows, a carriage concourse, a concert grove, and two islands in an artificial lake.



Figure 6: Olmsted and Vaux envisioned a tranquil and rural landscape where people could recuperate from the incessant pace of city life. As shown in this drawing, their design included rolling green meadows, a carriage concourse, a concert grove to enjoy music in a pastoral setting, and two islands (Music Island and Duck Island) in an artificial lake. Photo credit: TWBTA from Olmsted and Vaux.

The addition of a new skating rink in 1961 involved the bulldozing of Music Island and demolition of the Esplanade.

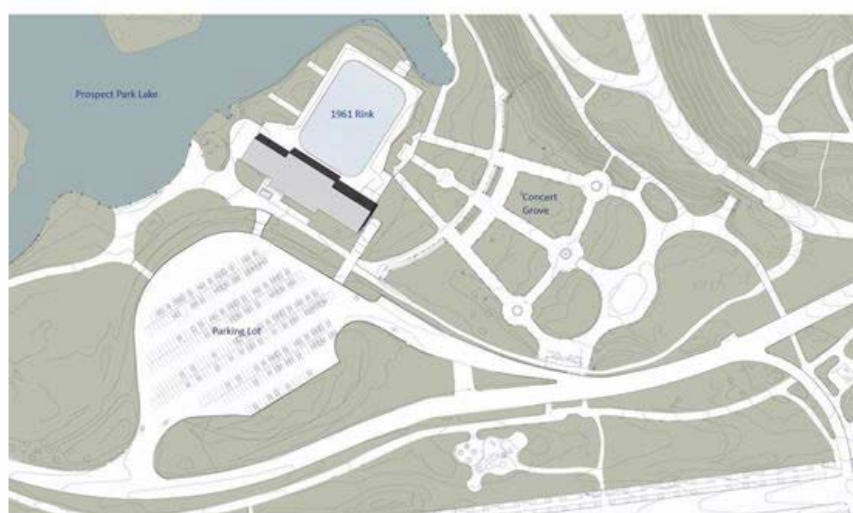


Figure 7: The addition of a new skating rink in 1961 entailed the bulldozing of Music Island and demolition of the Esplanade. The carriage concourse became a large parking lot. Over time, the rink fell on hard times and both the landscape and structures began to seriously decline. By the 1970s, visitorship was at an all-time low. Photo credit: TWBTA.

The carriage concourse became a large parking lot. Over time, the rink fell on hard times and both the structure and its landscape began to seriously decline. By the 1970's, visitorship was at an all-time low. The current project resulted in the demolition of the old rink, the reconstruction of Music Island and the Esplanade, and the LeFrak Center replaced the large parking lot.

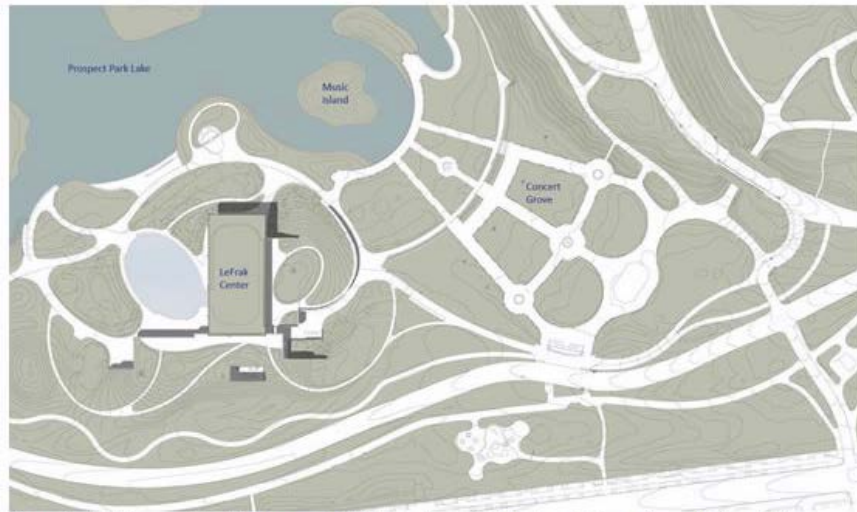


Figure 8: The Prospect Park Alliance and NYC Department of Parks and Recreation collaborated to finance twenty-six acres of parkland renovation to Olmsted and Vaux's original vision and the creation of the LeFrak Center. The old rink was demolished, Music Island and the Esplanade were reconstructed in its place, and the LeFrak Center replaced the large parking lot. Photo credit: TWBTA.

As part of this development, original site features have been restored, pedestrian pathways have been improved, picnic areas, walkways, and open lawns have been expanded, and a new promenade has been added along the lakeshore for walkers and joggers, along with a new boat dock.

The LeFrak Center is a beautiful and appropriate response to the need for expanded Park facilities, done in a way to reintegrate a formerly compromised landscape. Olmsted and Vaux would be delighted to see their vision for this segment of Prospect Park realized in a vibrant design that encourages public participation.



Figure 9: Prospect Park is a 585 acre public park in the New York City borough of Brooklyn. It was designed by Frederick Law Olmsted and Calvert Vaux after they completed Manhattan's Central Park. This image of skaters on the frozen lake was taken just after the park opened in 1867. Photo credit: Prospect Park Alliance Archives.



Figure 10: The two interconnected skating rinks comprise 32,000 square feet of ice during the winter months. Photo credit: TWBTA.

For more information about the project visit: [AIA Honor Awards](#)

Contributors:

Andy Kim, Project Manager, Tod Williams Billie Tsien Architects

Christian Zimmerman, Head of Design, Prospect Park Alliance

Octavia Giovannini-Torelli, Studio Director, Tod Williams Billie Tsien Architects

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FIRM PROFILE – TOD WILLIAMS BILLIE TSIENT ARCHITECTS

Tod Williams Billie Tsien Architects

Tod Williams Billie Tsien Architects (TWBTA), based in New York City, is an internationally recognized firm founded in 1974. Their extensive portfolio of award-winning projects culminated with the firm's recognition by the AIA in 2013 with the Architecture Firm Award.

When asked about the firm's approach to working with existing buildings and historic preservation Andy Kim, Project Manager for the LeFrak Center, was quick to indicate that TWBTA do not consider themselves as "historic preservation architects" nor do they have a specialist of that type in their studio. He stated "The firm's ethos is based on being at ease with partnerships and working with experts in other design fields including historians and engineers."

On the firm's website they offer a "Philosophy" which is concise, clear and a telling statement regarding their approach to projects in general but also about buildings that are, or will be part of the manmade environment for many years. Two sentences from the Philosophy are particularly relevant:

We try to work with a thoughtful integrity to make buildings that will last and be loved.

We want to leave good marks upon this earth.

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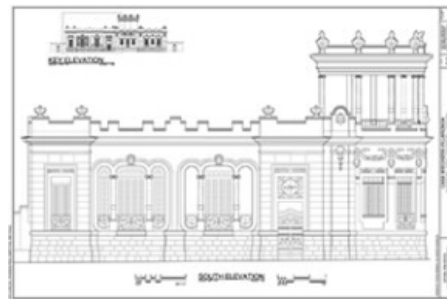
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HABS ANNOUNCES WINNERS OF 2015 PETERSON PRIZE



A student competition of measured drawings, the Charles E. Peterson Prize is presented jointly by the Historic American Buildings Survey (HABS) of the National Park Service, the Athenaeum of Philadelphia, and the American Institute of Architects. The annual competition, currently in its 33rd year, honors longtime NPS architect Charles E. Peterson, FAIA (1906-2004), a founder of the HABS program, and is intended to heighten awareness about historic buildings in the United States and to augment the HABS collection of measured drawings at the Library of Congress. In addition to generating over 6,300 sheets of drawings for the collection to date, the competition presents awards totaling \$7,500 to the winning student teams.

First Place in the 2015 Peterson Prize was awarded to the student team from the Polytechnic University of Puerto Rico, under the direction of professors Claudia Rosa Lopez and Jose Lorenzo Torres, who documented the Casa Weichers-Villarronga in Ponce, Puerto Rico. The student team from Montana State University, under the direction of Professor Maire O'Neill, was awarded Second Place for their drawings of the Damon Gabriel Homestead near Four Corners, Montana. The documentation of the Charles Augustus Magwood House in Charleston, South Carolina, by students from Clemson University / College of Charleston, under the direction of Professor Amalia Leifeste, was awarded Third Place. An honorable Mention was awarded to the student team from the Savannah College of Art and Design, under the direction of Professor Chad Keller, for their documentation of the Carnegie Library in Savannah, Georgia. Congratulations to all the winning teams!

Jurors for the 2015 Charles E. Peterson Prize Competition were Hyman Myers, FAIA, President of Preservation Consultants, LLC, representing the Athenaeum of Philadelphia; Sue Ann Pemberton, FAIA, Director of the Center for Architectural Engagement at the University of Texas at San Antonio, Principal at Mainstreet Architects Inc., and Chair of the AIA-HABS Coordinating Committee, representing the American Institute of Architects; and Mark Schara, AIA, HABS Architect, representing the National Park Service.

More information on this year's winning projects can be found on the HDP website at http://www.nps.gov/hdp/competitions/Peterson_winners.htm.

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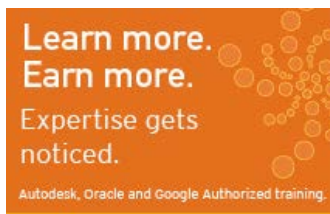
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2015 LEICESTER B. HOLLAND PRIZE JURY AWARDS CITATIONS

The 2015 Leicester B. Holland Prize jury was held on August 12, 2015 at the American Institute of Architects (AIA) in Washington, DC. The Holland Prize, an annual competition open to both students and professionals, recognizes the best single-sheet measured drawing of an historic site, structure, or landscape prepared by an individual(s) to the standards and guidelines of the Historic American Buildings Survey (HABS), Historic American Engineering Record (HAER), or Historic American Landscapes Survey (HALS). The prize honors Leicester B. Holland (1882-1952), FAIA, who in the 1930s was chairman of the AIA's Committee on Historic Buildings, head of the Fine Arts Division of the Library of Congress (LOC) and first curator of the HABS collection, a co-founder of the HABS program, and the first chair of the HABS Advisory Board. It is administered by the Heritage Documentation Programs (HABS/HAER/HALS) and the Center for Architecture, Design & Engineering in the Library of Congress, and is supported by the Paul Rudolph Trust, and the American Institute of Architects.

The prize is intended to increase awareness, knowledge, and appreciation of historic resources throughout the United States while adding to the permanent HABS, HAER and HALS collection at the LOC, and to encourage the submission of drawings among professionals and students. By requiring only a single sheet, the competition challenges the delineator to capture the essence of the site through the presentation of key features that reflect its significance.

2015 Leicester B. Holland Prize Winner: The Prize was not awarded as the jury acknowledged that none of the entries fully met the recording standards of HABS/HAER/HALS, however, Honorable Mention citations were awarded.

Honorable Mention Awarded

Project: Saint James' House (HABS VA-1508)

Location: Fredericksburg, Virginia

Delineator(s): Teresa Boegler

School/Firm: University of Mary Washington

Significance: Saint James' House was built around 1768-1769. Early records associate the construction of the building with James Mercer, a local lawyer, who purchased the property from Fielding Lewis and

George Washington. Although some modifications have altered its interior appearance, the original dwelling house retains much of its integrity, making it unique among Fredericksburg dwellings.

Honorable Mention Awarded

Project: Pon Pon Chapel of Ease (HABS No. SC-883)

Location: Jacksonboro Vicinity, Colleton County

Delineator(s): Amber Anderson and Sara Sanders

School/Firm: Graduate Program in Historic Preservation - Clemson University/College of Charleston

Significance: Though in partial ruins, this chapel and graveyard serve as a reminder of early eighteenth century Anglican beginnings and particularly the proliferation of chapels of ease throughout the Lowcountry to address the religious needs of remote plantation inhabitants.

Competition Jurors: C. Ford Peatross, FSAH, FHABS, Honorary AIA and ASLA, Founding Director of the Center for Architecture, Design & Engineering, Library of Congress; Sue Ann Pemberton, FAIA, Chair of the AIA-HABS Steering Committee, President, Mainstreet Architects Inc., and Senior Lecturer, University of Texas San Antonio; and Robert R. Arzola, HABS Architect and Holland Prize Coordinator, Heritage Documentation Programs (HABS/HAER/HALS),

National Park Service.

View this year’s winning projects: http://www.nps.gov/hdp/competitions/holland_winners.htm. For more information on the Leicester B. Holland Prize, visit <http://www.nps.gov/hdp/competitions/holland.htm> or contact Robert R. Arzola, HABS Architect and Holland Prize Coordinator at (202) 354-2170 or robert_arzola@nps.gov.

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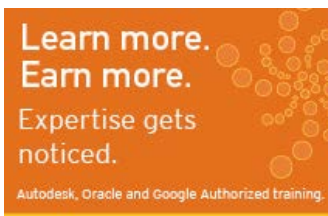
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NATIONAL PARKS SERVICE REPORTS ON 2014 FEDERAL HISTORIC PRESERVATION TAX INCENTIVES PROGRAM

Private investment in historic preservation is alive and well, as outlined in a series of reports on the National Park Service's Federal Historic Preservation Tax Incentives Program. Projects certified through the program in Fiscal Year 2014 have contributed more than \$9.1 billion in output in terms of goods and services to the U.S. economy, and added \$4.6 billion in gross domestic product, according to an analysis by the Rutgers University Center for Urban Policy Research.

The Federal Historic Preservation Tax Incentives Program is the single-largest Federal program that specifically supports historic preservation and is one of the nation's most effective programs to promote historic preservation and community revitalization. In Fiscal Year 2014, the National Park Service approved \$5.98 billion in proposed tax credit-eligible projects and certified another \$4.32 billion in completed projects to rehabilitate historic buildings.

"While the National Park Service is known for protecting our nation's extraordinary landscapes, we also help communities across the nation preserve their historic buildings through the Federal Historic Preservation Tax Incentives Program," said National Park Service Director Jonathan B. Jarvis. "This program is supporting record-breaking investments in historic preservation, encouraging community revitalization, and helping cities, towns and historic neighborhoods across the nation preserve their history."

The 762 completed projects certified by the National Park Service in Fiscal Year 2014, between October 2013 and September 2014, supported 77,762 jobs and provided 6,540 new low- and moderate-income housing units, and 19,786 new or renovated housing units overall.

The recently-issued Fiscal Year 2014 report on the economic impacts of the federal historic tax credit, as well as annual and statistical reports completed earlier in the year, are available online.

<http://www.nps.gov/tps/tax-incentives/reports.htm>

<http://www.nps.gov/tps/tax-incentives/taxdocs/economic-impact-2014.pdf>

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MID-CENTURY MODERN MATERIALS AND PRESERVATION SYMPOSIUM

By Matthew S. Chalifoux, AIA

Held in the shadow of the Gateway Arch, the Mid-Century Modern Materials and Preservation Symposium on April 13 to 16 2015 utilized the 50th anniversary of the completion of the monument on October 1965 as the motivational launching point for an academic and technical exploration of the preservation issues related to the materials of Mid-Century Modern construction. The symposium was the first in a series to be convened by the National Center for Preservation Technology and Training (NCPTT) to honor the 100th anniversary of the National Park Service and the 50th anniversary of the National Historic Preservation Act.

The symposium opened with a public lecture held at Washington University on "The Legacy of Eero Saarinen", the designer of the Gateway Arch. Opening with a personal view of Saarinen provided by his daughter Susan, a Landscape Architect, the audience was then riveted by an overview of the fabrication and construction of the arch offered by Ken Kolkmeier who was the Project Manager for the Pittsburgh Des Moines Steel Company, the primary contractor for the construction. Over the next three days through 26 presentations and panel discussions the attendees learned about a remarkable range of issues related to mid-century modernism from the investigation of staining on the Gateway Arch, to efforts to better protect the Farnsworth House, conservation of stainless steel and concrete, and even fiberglass reinforced plastic.

All of the presentations were recorded by NCPTT and are being edited and posted on the [NCPTT website](#).

Search for "Mid-Century Modern" to pull together the presentations from the symposium. Additional presentations are added as they finish the editing process, so be sure to revisit the site periodically.

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BONITA MUELLER

By Robert J. Hotes AIA, NCARB, LEED AP BD+C



It is with heavy hearts that the AIA Historic Resources Committee must pass along the news of the loss of our colleague Bonita (Bonnie) Mueller.

Bonnie was an esteemed preservation architect, having worked for the National Park Service for 26 years, most recently as a Project Manager with the Design and Construction, Eastern Team at the Denver Service Center. At NPS, she specialized in historic preservation projects for many of our country's most significant historic sites, including Harpers Ferry, Alcatraz Island, Meridian Hill Park, the Georgetown Waterfront, Manassas National Battlefield and others.

Bonnie also had an enduring passion for international heritage conservation, particularly in France. Having spent her senior year at the Ecole d'Architecture de Versailles in 1980-1981, she returned to France in 1992 as the third laureate of the Richard Morris Hunt Fellowship, followed by study at the Ecole de Chaillot (Centre d'Etudes Supérieures d'Histoire et de Conservation des Monuments Anciens) in Paris. (A photo from the 2012 reunion of Richard Morris Hunt Fellows in Toulouse, France, with Bonnie at center rear, is attached.)

Bonnie was also a valued member of the US National Committee of the International Council on Monuments and Sites (US/ICOMOS) and participated actively in its work.

The AIA Historic Resources Committee offers our heartfelt condolences to Bonnie's husband, family and colleagues at the National Park Service. Bonnie brought a joyful exuberance and a vitality of spirit to everything she did and to everyone she met, and she will be greatly missed by all who knew her.

Information on memorial donations may be found here: <http://www.horancares.com/obituary/Bonnie-Mueller/Littleton-CO/1534369>.

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Updates

Tribute to Spencer Leineweber, PhD, FAIA / 1947- 2015



It's with profound sadness that we mourn the loss of Professor Spencer Leineweber, PhD, FAIA who passed away suddenly on June 20, 2015. She was Chair of the Historic Resources Committee in 1990, and served as the second woman to Chair the committee, which was founded in 1890. Spencer was an exemplary architect, teacher, and mentor.

"Spencer changed the dynamics of gender and geography for the Historic Resources Committee," states Hugh Miller, FAIA, referencing her location in Hawaii and her role as the only female member of the Committee. "She was a quiet practitioner who brought insights into the preservation culture on the islands."

Spencer's one-time architectural partner, Glenn Mason, AIA describes Spencer's life as "always looking forward. She had a drive to learn and accomplish that very few people have. It is no exaggeration to say the knowledge hole that results from her passing will be impossible to fill."

Spencer was an invaluable repository of knowledge about Pacific and Hawaiian culture and architectural history and

who embodied the best values of practice and education. Significant design awards acknowledging her expertise in historic architecture include a National AIA Design Honor Award for Hawai'i's Plantation Village, a National Trust for Historic Preservation Award for Uchida Coffee Farm, nine Honolulu Chapter/AIA Design Awards, and twelve Historic Hawai'i Foundation Preservation Honor Awards.

Spencer was a dear friend to many in the international heritage conservation community. She served regularly on the UNESCO Asia-Pacific Heritage Awards jury; taught or lectured in Cambodia, Thailand, Malaysia, Japan, and China (among other countries); and served as a board member for US/ICOMOS, among countless other committees, delegations, and advisory groups.

Spencer has also been recognized many times for her public service, including the City and County KOA Award for her ten-year persistence leading a non-profit construction company restoring 257 historic plantation homes for affordable housing; the Frank Haines Lifetime Achievement Award in Historic Preservation by the Historic Hawai'i Foundation, presented to an individual who has demonstrated sustained and outstanding achievement in the preservation of significant historic and cultural places in Hawai'i; and a Plantation Village Fellow designation for her contributions to maintain the cultural identity and authenticity of an ethnic history museum.

She authored several chapters on conservation techniques in two volumes of *Asia Conserved* published by the Bangkok office of UNESCO. Her work at the Kalaupapa Hansen's Disease Settlement was also a chapter in *Places of Pain and Shame*, edited by William Logan. This past spring, Spencer completed her PhD at the National Centre for Indigenous Studies, Australian National University, with a dissertation entitled "Ho'okōwā 'Ōiwi: Space, Culture and Change in 19th Century Hawai'i."

Among her many accomplishments, Spencer especially prized her certification as a top-rank Sogetsu Ikebana instructor, having been awarded this designation by Sofu Sensei in Tokyo. She was elevated to the AIA College of Fellows in 1996.

Spencer's husband, also an architect, died in 2013. She is survived by her two daughters, Amy Hinkley (also an architect) and Eliza Lathrop, six grandchildren, a brother, Norman Armitage and sisters Adra Carr and Amy Armitage.

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RESOURCES FOR YOU TO USE | NOVEMBER 2015 UPDATE

The Athena EcoCalculator: Center for Sustainable Building Research, University of Minnesota College of Design

By James J. Malanaphy, AIA

The **EcoCalculator for Assemblies Tool**. In an effort to spread awareness and make life-cycle assessment faster and more user-friendly, CSBR undertook the development of the Athena EcoCalculator for Assemblies. Using the Athena Impact Estimator for Buildings, data was derived for particular construction components that make up various portions of commercial, industrial, and institutional buildings. This data was then placed into an spreadsheet-based interface that allows users to choose specific assemblies and quickly calculate and compare the LCA impacts of the assemblies used in their project based on the following environmental impact categories: Primary Energy Consumption, Weighted Resource Use, Global Warming Potential, Aqueous Acidification Potential, Human Health Respiratory Effect Potential, Aqueous Eutrophication Potential, Ozone Depletion Potential, and Smog Potential. [The Athena EcoCalculator.](#)

The **US General Services Administration, Historic Buildings Preservation Technical Resources** web site provides technical specifications, guidance, and resource information for planning and executing historic building projects. The GSA database includes many specifications developed for GSA buildings and projects, as well as National Park Service Preservation Briefs, Tech Notes, and industry standards for the care of traditional building materials. [Learn more.](#)

The **HABS Guide to Field Documentation** offers step-by-step instructions about how to observe, take field measurements, and create field notes and a short-form report about a historic site or structure to HABS standards. [Learn more.](#)

Clem Labine's Traditional Building Magazine provides useful information on materials, products and services of interest to preservation architects. Clem Labine's Traditional Building magazine provides a complimentary one year subscription to HRC members. [Learn more.](#)

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2015

AIA / Historic Resources Committee

PROGRAMS



The mission of the AIA/ Historic Resources Committee is to identify, understand, and preserve architectural heritage both nationally and internationally.

Originally established in 1890 as the "Committee on Conservation of Public Architecture," the HRC is considered the oldest standing committee of the AIA. For more than 120 years, the HRC has promoted the role of the historic architect within the profession by developing information & knowledge and encouraging fellowship among members, allied professional organizations, students and the public.

www.aia.org/hrc

PROGRAMS

MENTORING

CHARLES E. PETERSON STUDENT COMPETITION FOR MEASURED DRAWINGS

Since 1982, HABS, the Athenaeum of Philadelphia, and the HRC have administered the Charles E. Peterson Prize, which annually recognizes the best set of measured drawings prepared to HABS standards and donated to HABS by students.

To date more than 2,000 students from 68 colleges and universities have participated by completing more than 500 entries and almost 5,000 sheets of measured drawings.

ACSA/HRC PRESERVATION AS PROVOCATION STUDENT DESIGN COMPETITION

PRESERVATION AS PROVOCATION is an international student ideas preservation competition administered by the American Schools of Architecture (ACSA) and the HRC. It challenges students in multi-disciplinary teams to rethink historically significant properties to preserve, interpret and re-imagine extant historic fabric.

This past year, the property was Castle Pinckney in Charleston, SC. The winning team, from Politecnico di Milano, addressed Castle Pinckney as a destination by focusing on Charleston's shoreline. More than 228 students and 32 faculty advisors from 17 schools participated in the 2013 competition. Since 2006, more than 300 teams and individuals have entered in three competitions.

LEICESTER B. HOLLAND PRIZE FOR MEASURED DRAWINGS

Leicester B. Holland Prize is an annual competition that recognizes the best single-sheet measured drawing of an historic building, site, or structure prepared to HABS, HAER, or HALS standards. Initiated in 2011, 30 HABS, HAER or HALS submissions entered to the Holland Prize competition and transmitted to the Library of Congress.

First place in the 2014 Holland Prize competition was awarded to Paul Dennehy, AIA, of Dennehy Architects, Inc., for his drawing of the Broadview Park Pavilion in Ft. Worth, TX., a 1935 CCC project.

EDUCATION

TALIESIN COLLOQUIUM ON THE PRACTICE OF HISTORIC ARCHITECTURE

The Taliesin Colloquium, co-sponsored and hosted by the Frank Lloyd Wright Foundation, provides education on a focused topic in a retreat atmosphere at the National Historic Landmark Taliesin West campus. Each colloquium addresses a different subject of interest to preservation architects.

More than 25 people attended the 2014 colloquium: "From Grime to Sublime: Standards for Cleaning Masonry Buildings" where the focus was on the maintenance, repair and restoration of stone, brick, terra cotta and concrete.

Principal speakers included Richard Wolbers, Mary Oehrlein, FAIA, Judy Jacob, and Joshua Freedland. ESCA Special Clean sponsored the Colloquium.

PIONEERS IN PRESERVATION: ORAL HISTORY SERIES AT CLEMSON UNIVERSITY/COLLEGE OF CHARLESTON

The annual Pioneers in Preservation Oral History series takes place at Clemson University/College of Charleston Graduate in Charleston, SC. It features an interview with an early influential preservation architect which is recorded and published on the HRC website and in *Preservation Architect*.

Speakers have included Hugh Miller, FAIA, Brown Morton, FAIA & Bill Murtagh, FAIA.

HRC SPONSORED EDUCATIONAL SESSIONS AT THE 2014 AIA NATIONAL CONVENTION /CHICAGO

- Transformation of Existing and Historic Buildings for a High Performance Future
- The Role for Architects in Federal Historic Tax Credit Projects
- Requirements and Assessment Tools for Historic Properties in Disaster Response and Recovery

FELLOWSHIP

HRC EVENTS AT THE AIA 2014 NATIONAL CONVENTION / CHICAGO HRC LUNCHEON

The sold-out 2014 HRC Luncheon was held at the HH Richardson-designed Glessner House. Distinguished Professor Emeritus of Art History, Architecture and Urban Planning at the University of Illinois at Chicago Robert Bruegmann, spoke on Brutalism, a topic that remains on the leading edge of heritage conservation. St. Louis Antique Lighting Company and Flickinger Glassworks were sponsors.

THE HRC RECEPTION

Walker Johnson, FAIA, hosted the 2014 HRC reception at the Cliff Dwellers Club, overlooking Chicago's Grant Park.

HRC EVENTS THE 2014 NATIONAL PRESERVATION CONFERENCE / SAVANNAH, GA: HRC LUNCHEON

Wayne Donaldson, FAIA, Chair of the Advisory Council on Historic Preservation, spoke on "The Challenge of Preserving Modern Materials and Assemblies". The luncheon will be held at Pirates' House and sponsored by Parrett Windows and Doors, St. Louis Antique Lighting Company, and Mills + Schnoering Architects.

THE HISTORIC PUB CRAWL

HRC RECEPTION AT THE 2014 INT'L. ASSOCIATION FOR PRESERVATION TECHNOLOGY CONVENTION / QUEBEC CITY

The 2014 reception, held at the Chateau Frontenac, was sponsored by Mills + Schnoering Architects, St. Louis Antique Lighting and John Canning Studios.

PROMOTING THE PROFESSION

HRC ANNUAL LIAISON MEETING WASHINGTON, DC

On March 21st, representatives from two dozen of the HRC's partner and allied organizations gathered to participate in a coordination meeting to provide information about their organizations and inform HRC members about challenges they are currently facing, opportunities that are emerging, and ways we can work together to strengthen the historic preservation movement.

HISTORIC AMERICAN BUILDINGS SURVEY COORDINATING COMMITTEE

The Historic American Buildings Survey (HABS) is the nation's first federal preservation program (1933) to document America's architectural heritage. HABS was formed by an agreement between the AIA, the Library of Congress, and the NPS to preserve "a complete resume of the builder's art."



Joint HRC/Committee on Design study tour visiting Bath, England

AIA HISTORIC RESOURCES COMMITTEE

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