



## President's Letter

### APTI's Mission

APTI's mission is to advance appropriate traditional and new technologies to care for, protect, and promote the longevity of the built environment and to cultivate the exchange of knowledge throughout the international community.

### Save the Date

APT Detroit Conference  
2022  
Nov. 7–12

### Contact Us

Association for  
Preservation  
Technology  
International  
P.O. Box 7317  
Springfield, IL 62791  
217-529-9039  
Fax: 217-529-9120  
info@apti.org

*Communiqué*  
Editorial Staff  
Diana S. Waite  
Elizabeth Marsh  
518-426-5935

Send news for  
*Communiqué* to  
Mount Ida Press:  
aptinews@apti.org

Next deadline for  
Member News is  
December 1, 2021.



Hello, APTI members!

I am honored and delighted to serve APTI as your new president. I have been a member since 2004, when I joined the board of the long-dormant (and now thriving) Western Chapter, and have served on the APTI Board since 2016. I am only the second engineer to serve as APTI president in its over 50-year history, and my leadership will be well supported by the legacy of strong leaders before me.

APTI is in an exciting place: We are financially healthy, poised with a new strategic plan (to be shared with the membership soon), and about to hire a new full-time executive director. Our interim executive director, Richard Hayes, stepped down effective October 31, for personal reasons. We thank Richard for his service this past year and wish him well. We anticipate that our next executive director will start in January 2022. In the interim, Janet Bascom at Association Central, our association management company, will field correspondence sent to [executivedirector@apti.org](mailto:executivedirector@apti.org). If you need assistance with APTI matters before our next executive director comes on board, please contact Janet or any Executive Committee member.

Many APTI members, especially students and emerging professionals, ask how they can get involved in the activities of such a large, mature organization. APTI is doing amazing work through its six technical committees and fifteen standing committees (which focus on the organization's development), and the following are a few immediate opportunities to contribute. (To find contact information for co-chairs, log into the APTI website and use the Member Search feature.)

- The [Inclusion Advocacy Committee](#) encourages equity and cultural diversity within APTI and the broader preservation community and seeks volunteers for its community engagement projects, which contribute to local communities through preservation-based projects in APT conference cities. No experience is required to volunteer! The committee also seeks volunteers with grant-writing experience to support fundraising. For more information, please contact co-chairs Ronnie Cameron, Nina Jean-Louis, and Tiffani Simple.
- The [Chapters Committee](#), which develops and supports local chapters worldwide to promote knowledge-sharing among preservation professionals, has a pressing need for simultaneous translation for meetings, workshops, and events. For example, the Latin America and Caribbean Chapter needs to conduct meetings in Spanish, Portuguese, and English. APTI is also exploring a Middle East chapter and will need Arabic speakers. If you are a fluent speaker of these or other non-English languages or know of others who can provide this service, please contact co-chairs James Banta, Sarah Cole, and Marco Rezende.
- The [Student Scholarships Committee](#) oversees the program that provides conference registration, a travel stipend, and a one-year membership to students who submit outstanding abstracts to present at APT's annual conference. If you can assist with student or juror

recruitment, please contact co-chair Elaine Shapiro.

I welcome your feedback about how APTI can serve you better; you can contact me directly at [TNWilliams@sgh.com](mailto:TNWilliams@sgh.com) or through the [APTI office](#). I look forward to working with the APTI Board and membership to help expand APTI's reach, improve its effectiveness, and continue to offer excellent technical content for preservation practice.

Taryn Williams  
APTI President, 2021–2023

## APT Washington, D.C., 2021 Virtual Conference



Nearly 600 participants including attendees, exhibitors, and speakers attended the 2021 APT DC Conference from October 25-29 and the Symposium on November 1st that was done in collaboration with the National Trust for Historic Preservation.



**2 Symposia &  
3 Workshops**



**3 Tracks, 60 Papers  
1 Round Table**



**176 Speakers, Presenters,  
& Moderators  
2 Languages**

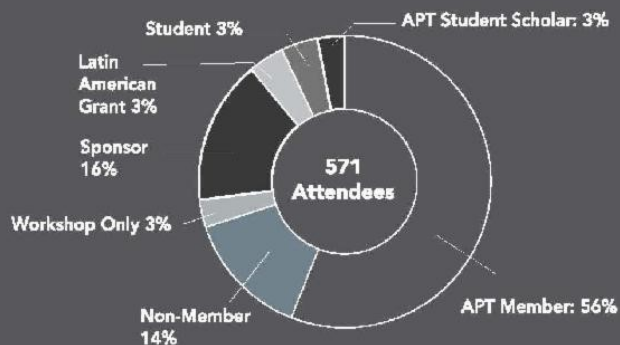


**8 Field Sessions**

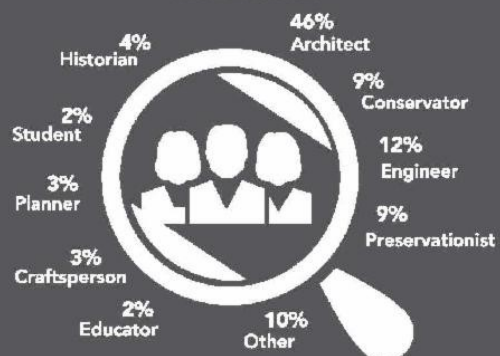


**Over 90 hours  
of Concurrent  
Programming**

### ATTENDEE BREAKDOWN

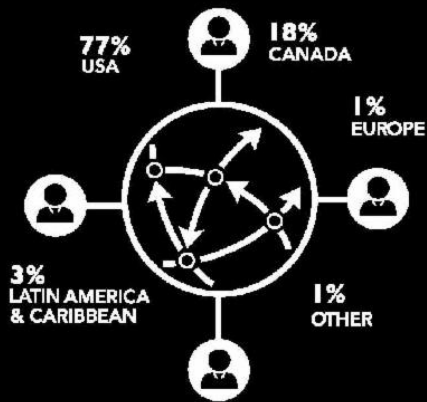


### EXPERTISE\*



\*Based on % of attendees that indicated expertise.

## CONFERENCE REACH



## ENGAGEMENT

(Including workshops/symposia attendees)



Thank you to all that helped make  
this conference a success!  
We'll see you at APT Detroit 2022!



The virtual conference this year avoided 326 metric tons of CO<sub>2</sub> emissions from the flights to and from Washington, D.C., that were not taken.

The avoided emissions are the equivalent of renovating 7,250 square feet (674 square meters) of buildings instead of building new. It would take 5,392 tree seedlings, grown for 10 years, to sequester this much carbon.

A few notes here:

- Of the registered 571 attendees, 113 were in the D.C. metropolitan area. Another 74 were within roughly 4 hours travel distance via car, bus, or train, and were considered unlikely to fly as well. Their travel was not taken into account here.
- Last year's virtual conference in Edmonton had 768 attendees. 48 were considered too close to fly. 918 metric tons of carbon emissions were avoided from flights alone.
- For both conferences, this calculation assumes logical travel paths (with or without layovers), round trip, in economy seating.

—Cory Rouillard

## Remote Reporter



As a Student Scholar from India, the APT conference provided an opportunity to learn more about the various conservation methods used by countries throughout the world. It gave me a lot of insight into different countries' preservation practices and strategies. It was extremely informative, and I had the chance to interact with many experienced and like-minded preservation experts. The presentations by fellow members opened my mind to different approaches of preservation and conservation and how different technologies can aid in the process.

The annual general meeting helped me in understanding the organization and frameworks of APTI. It gave me a good understanding of the functioning of the organization and how it contributes to the preservation industry. I found the Disaster Response Initiative (APT DRI) discussion particularly interesting.

In addition, the discussion at the biannual PETC meeting was incredibly instructive: "Preservation engineers should be brought to the disaster management team so that they recognize that these structures are more than just fractures and faults, and that the heritage isn't lost in the midst of the upheaval."



I also had the opportunity to participate in the virtual trivia night, which allowed me to network with other APTI members. Despite the fact that it was virtual, it was a lot of fun. I was at a disadvantage this year since I joined APTI a month ago, but I am looking forward to performing better next year!

Being a part of the South Asia Chapter meet-up was also a fantastic experience, and I'm excited to be a contributing member of the both the South Asia Chapter and PETC.

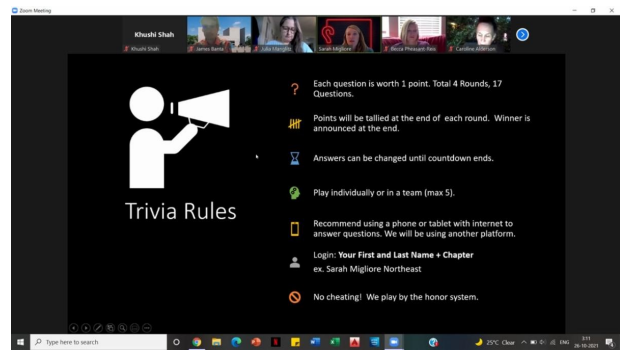
Lastly, I would like to thank my guide Ashish Trambadia for his constant support and guidance and my APT College of Fellows mentor Ron Anthony for his invaluable feedback on my project. I am also thankful for all of the committee organizers and the Student Scholarships Committee that gave me this opportunity to be a part of the conference and for selecting my work for the Martin Weaver Scholarship!

I hope to meet everyone at the Detroit conference next year, hopefully live, without the blurred backgrounds.

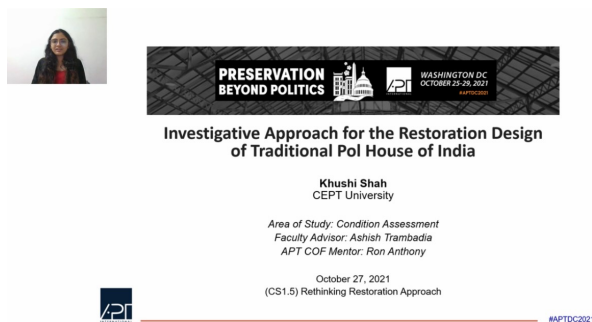
Khushi Shah  
Conservation Engineer  
2021 Student Scholar  
Recipient of Martin Weaver Scholarship  
Teaching Associate, CEPT University  
Ahmedabad, India



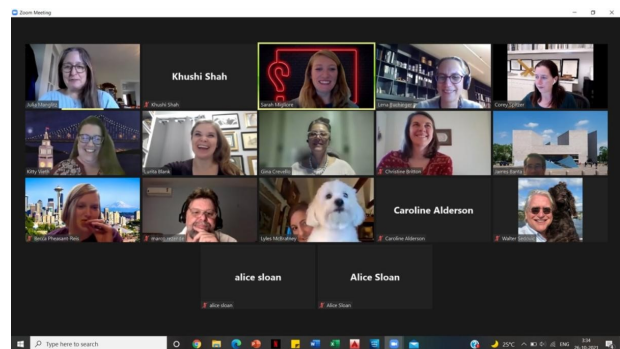
*Virtual South Asia Chapter meet-up*



*Virtual trivia event*



*My conference presentation*



*Virtual mixer*

## APTI Board of Directors Updates

The election results of the new Executive Committee and new members of the APTI Board of Directors were announced at the annual general meeting on October 26. The Board and Executive Committee members for 2021–2022 are as follows:

### Executive Committee

Taryn Williams, President  
Lena Buchinger, Vice President  
Julia Manglitz, Vice President  
Lurita McIntosh Blank, Treasurer

Gina Crevello, Past President

#### **Directors**

Emily Beauregard  
Domenic Chiovitti  
Sarah Cole  
Erin Fisher  
Sarah Gray  
Robert Hotes  
Arlin Otto, Emerging Professional Director  
Richard Renaud  
Marco Rezende  
Elaine Shapiro  
Tiffani Simple  
Michael Tomlan

## **2021 Class of Recognized Professionals**

With the approval of the Board of Directors, the Standing Committee on Professional Recognition has announced its 2021 class of APT Recognized Professionals. Each candidate submitted a package of detailed information for the committee members to review. This year's group of 15 recognized professionals will be added to the 18 in the class of 2020, the 24 in the class of 2019, and the 17 in the inaugural class of 2018.

This year's class continues to represent a wide cross-section of preservation and heritage professionals from APTI's international membership. The following recipients were honored at the annual general meeting held on October 26:

- Elizabeth Acly, Cirrus Structural Engineering
- Daniel Allen, CTA Architects
- Lurita McIntosh Blank, Raths, Raths & Johnson, Inc.
- Kate Cowing, Kate Cowing Architect, LLC
- Shawn Evans, Atkin Olshin Schade Architects
- Ian Glaser, JVA, Inc.
- Marc Loranger, Gale Associates, Inc.
- Peter Meijer, Peter Meijer Architect, PC
- Elizabeth Corbin Murphy, Perspectus Architecture
- Richard Ortega, Ortega Consulting
- David Overholt, The Christman Company
- Ronald Ross II, MartinRiley architects-engineers
- Melanie Short, BVH Architecture
- Alice Sloan, Perspectus Architecture
- Erik Valentino, Masonry Preservation Services, Inc.

As an APT Recognized Professional, each recipient will have the honor of using "APT RP" with their professional signature.

The committee will soon announce the online application process for the next group of recognized professionals.

Details will be available online to guide applicants, and submissions will include the following requirements:

- APTI membership for a period of at least five years
- A detailed, but concise, compilation of information that demonstrates professional accomplishment consisting of education, experience, and mentorship
- A one-time application fee of \$100
- Three letters of reference from preservation or heritage professionals
- Commitment to abide by APTI's Code of Ethics

Please direct any questions to committee chair Ron Staley, FAPT, at [ronald.staley@christmanco.com](mailto:ronald.staley@christmanco.com).

## **APT DRI Assistance to the Whitney Plantation Museum in Louisiana**

APT's Disaster Response Initiative (APT DRI) was contacted by the staff of the [Whitney Plantation Museum](#) (WPM) through an introduction by FEMA's Heritage Emergency National Task Force (HENTF). Several structures on the museum's grounds suffered heavy damage from Hurricane Ida. WPM does not have architectural conservators or preservation specialists on its staff.

WPM, located to the west of New Orleans in Edgard, Louisiana, opened to the public in 2014 with the mission of educating the public about the history of slavery and its legacy; its programs focus on the experience of enslaved individuals on American plantations. Several of the historic structures on the site are of architectural significance, being notable examples of French Creole architecture.

Hurricane Ida made landfall in Louisiana on August 29, 2021, as a Category 4 storm with maximum sustained winds of approximately 150 miles (241 km) per hour and a central barometer pressure of 929 millibars. Locally, rain accumulations of 10 to 14 inches (25 to 36 cm) were recorded, along with a storm-surge range of between 3 and 9 feet (1 to 3 m). Power outages were widespread and lasted in excess of a week. The museum site experienced significant wind- and water-related damage including felled trees, flooding, water intrusion, and structural damage to many structures.

Three weeks after the storm, on September 20 and 21, APT DRI's representative, Adam Rush, P.E., traveled to Louisiana, met with WPM staff, and visually reviewed conditions of its nearly 20 historic buildings. Based on his observations, the APT DRI team is currently developing a report to outline and prioritize repairs and to draft scopes of work to help WPM retain design professionals and contractors.

APT DRI would like to thank the APTI Board of Directors, PETC co-chairs, and PETC members for their continued administrative, technical, and financial support. This outreach activity would not be feasible without their assistance. Our partners at HENTF share this sentiment and appreciate APT's being an active member organization and leading in recovery efforts at heritage sites following natural disasters.

If you are interested in learning more about APT DRI or joining the initiative, please check out our [web page](#) on the APTI website and reach out via email to [petc@apti.org](mailto:petc@apti.org).

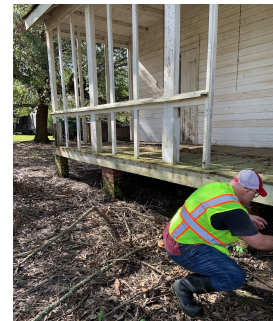
—John Dumsick, P.E., FAPT, APT RP, APT DRI Founding Task Lead



*Damage to gable end wall of the Antioch Baptist Church, Whitney Plantation. Courtesy of APT DRI.*



*Damage to gable end wall of the Milaret Manager House, Whitney Plantation. Courtesy of APT DRI.*



*APT DRI volunteer Adam Rush performing a global assessment of the Overseer Cabin, Whitney Plantation. Courtesy of WPM.*

## Have You Read a Good Book Lately?

If you have read a book lately that sent your head spinning with innovative technical knowledge pertaining to our preservation-technology world, let us know. The *APT Bulletin* book-reviews section is dedicated to bringing all members information about books that aid their practice. Please also contact us if you are interested in reviewing a book. Contact [Lesley M. Gilmore](#), AIA, or [Natascha Wiener](#), NCARB, for more information.

Lesley M. Gilmore and Natascha Wiener  
Book Review Co-Editors

## Membership Stories: Why I Belong to APTI

*APTI's Membership Committee invites all members to share their own personal stories about the intangible value of APTI membership. Please send your stories, up to 300 words in length, to [apt.membership.stories@gmail.com](mailto:apt.membership.stories@gmail.com), and we will publish them in subsequent issues of Communiqué. You can also use the collection of recent Membership Stories, available [here](#), to help persuade others to join.*



Hello, APTI! While Emily Beauregard may have had to twist my arm to write this, she didn't have to twist too hard. I am a relatively new member of APTI (at only six years), so many may not



now me.

I first encountered APTI while working with Rod Stewart of Historic Plaster Conservation Services in my late 20s. Although I am Canadian, hailing from the picturesquely preserved town of Port Hope, Ontario, my first membership came about in Sydney, Australia, while working (stone masonry), traveling, and studying at USyd. My initial encounters with the community, beyond the journal, were with APT Australasia Chapter events with impassioned characters like Donald Ellsmore, Walter Heim, Barrie Cooper, and Cameron Logan, among many others. It whet my appetite for more, and I continued on to study at UPenn before returning to Canada.

Post-graduation, the APTI community remained welcoming by accepting me as a Student Scholar (with Ron Anthony as my mentor) and aiding me with continued research in the form of the Martin Weaver Student Scholarship, the results of which are ongoing. Most recently, I've been involved in the Technical Committee for Materials and helped with the Edmonton virtual conference by hunting down speakers and as a track and session leader, workshop organizer, and presenter at two workshops.

I am very fortunate, and grateful, to have had great practitioners and thinkers of the heritage world as mentors throughout my career, and APTI has always been a significant center as a clearinghouse for information and creating this interesting and diverse community of like-minded and interested professionals.

Evan Oxland  
Built Heritage Advisor, Built Heritage Unit, Parks Canada  
Edmonton and Calgary, Alberta

## Chapter News

### Northeast Chapter

- APTNE held the following events this fall: "Traditional Tradesperson Spotlight: Ben Brandt: Wood Windows and Odd Doors" virtually on September 23; the in-person Vermont Quarry Tour: Slate, Marble, & Granite on October 1 and 2; and the in-person "Waldorf-Astoria Hotel Hard Hat Tour with PULLMAN," on October 28.
- APTNE and APTI co-sponsored the University of Massachusetts conference on brutalism on October 22 and 23.
- Save the date for our [annual meeting symposium](#) in Hudson, New York, and on Zoom on February 25, 2022. The theme is "Walking the Preservation Tightrope: Technology vs. Tradition."
- We have three different [student scholarships](#) available with a deadline on December 31.
- Please visit our [website](#) for more information on events, student scholarships, and our chapter.

—Corey Spitzer, Vice President



*The APTNE tour group at the marble quarry at Vermont Quarries Corporation in Danby, Vermont. This location set the bar high for the remaining stops for the next two days, which included three quarries (marble, slate, and granite), their processing operations, a museum, a cemetery, a historic site, and a lovely float on Lake St. Catherine, with the beautiful fall foliage as a backdrop. Courtesy of APTNE.*

### Québec Chapter

- On November 18 from 12:00 to 1:30 p.m. ET, APT Québec will present a roundtable to discuss issues common to built-heritage preservation and society's environmental footprint reduction. These offer challenges and opportunities for stakeholders and highlight the impacts of regulatory requirements, institutional policies, and constructive aspects on real property management. The roundtable will address these topics from four perspectives: client, government authority, environmental expert, and general contractor. The event will be in French. Please email [education@actionpatrimoine.ca](mailto:education@actionpatrimoine.ca) for more information.

—Alexandre Savignet, Co-Chair

### Western Chapter

- The WCAPT 2021 annual general meeting was held on September 24. Members and non-members attended this year's presentation of "Curtain Going Up": Restoration, Rehabilitation, and Reopening Historic Theatres." The keynote presentation, by Broadway West, featured the history, planning, and proposed future of the historic Los Angeles Theatre District. In addition, there were individual state presentations regarding the Rialto Theatre of South Pasadena, California; the Beale Street Theater of Kingman, Arizona; and the Piper's Opera



House of Virginia City, Nevada. The newly elected members to the Board of Directors were introduced during the chapter business meeting immediately following the virtual event.

—James Reigle, Board of Directors

## Committee News

### Technical Committee on Codes and Standards

The committee is actively working on two training programs, as well as developing a master list of possible changes to the International Existing Building Code (IEBC). The Main Street Task Force is planning a “Building Codes on Main Street” virtual workshop for summer 2022. The overall program will likely be organized as a three-day event with five hours of content each day. This workshop has received a seed grant from the Historic Preservation Education Foundation. The next steps include a cooperative agreement with the National Main Street Center to promote this programming to the 1,200-plus communities that are part of the Main Street American network.

The Technical Committee on Codes and Standards is also working on the logistics for a larger in-person conference on building codes and historic preservation for 2023 or 2024. The preferred location for this conference is Washington, D.C. There has not been a national preservation conference on this topic in more than 15 years.

The committee continues to work on a coordinated master list of possible code changes that could be proposed for next year’s ICC code-development meetings. The 2024 IEBC and the 2024 International Energy Conservation Code (IECC) are both on the schedule for next year’s meeting. Any proposed code changes must be submitted by the end of this calendar year. This is a major undertaking for this committee and requires a well-reasoned and coordinated effort.

—Mike Jackson, Co-Chair



### Technical Committee for Materials

On October 28 and 29, TCM presented the virtual workshop “Graffiti Management in a Changing World: Should It Stay, or Should It Go?” at the APT annual conference. Organized by Lorraine Schnabel, Stephanie Hoagland, and Sarah Holder, with presentations also by Jason Church, Kelly Ciociola, Katherine George, Emily MacDonald-Korth, and Mary Streigel, the workshop addressed graffiti holistically, from defining significance through planning for removal, and options for prevention.

—Monique Colas, Communications Chair



### Preservation Engineering Technical Committee

#### *Student Design-Build Competition*

APTI’s Preservation Engineering Technical Committee (PETC) hosted our annual Student Design-Build Competition finals at the APT annual conference on October 25 and 26. This year’s competition theme was the masonry arch.

The final team standings:

- First place: Columbia University (see picture at right)
- Second place: University of Calgary
- Third place: City College of New York

The judges and committee awarded the following citations:

- Best historical research: City College of New York
- Best masonry arch aesthetic: Columbia University
- Best structural analysis: University of Calgary
- Best phase 2 video of arch build/load: City College of New York
- Most ambitious team: City College of New York



PETC applauds the three finalist teams for their significant efforts. PETC thanks this year’s competition judges: Don Friedman, Rachel Will, Tom Morrison, and Carly Connor. We also thank the many PETC volunteers who organized and coordinated the competition.

### *David Fischetti Award*

The David Fischetti Award is presented by the PETC for an outstanding article that advances the field of preservation engineering. The winner of the 2021 David C. Fischetti Award is the following article: Arne Johnson, John Lawler, and Michael Murphy (all of Wiss, Janney, Elstner Associates, Inc.), “Lessons in Galvanic Cathodic Protection Technology from Soldier Field and the Franklin Avenue Bridge,” *APT Bulletin: The Journal of Preservation Technology* 50, nos. 2–3 (2019): 27–35.



### *Workshop and Symposium*

PETC organized both the “URM Construction, Restoration, and Maintenance” workshop (led by Amy Woods) and the “Protecting the Irreplaceable: Sensitive Measures to Cultural Heritage” symposium (led by John Dumsick). Thank you to all the speakers and attendees that made these two conference events such as success.

For more information on any of the above, email [petc@apti.org](mailto:petc@apti.org), and check out the PETC [web page](#) on the APTI website.

—Sarah Gray, Rachel Will, and Amy Woods, Co-Chairs

### **Partnerships and Outreach Committee**

#### *AIC Accepting Applications for 2022 NHR Training*

Are you interested in becoming a [National Heritage Responder](#) (NHR)? We are thrilled to announce that AIC, an APTI partner, will be hosting a national training program in 2022, to expand the NHR volunteer corps.

The NHR training will take place over the course of several months in 2022. Participants will be expected to complete several online curriculum modules from February to April 2022. On May 13 and 14, 2022, participants must be on-site in Los Angeles, California, to participate in the in-person training component. Participants must complete all aspects of the training, including an exam following the in-person portion, in order to serve as an NHR volunteer. The NHR training will immediately precede AIC's 50th Annual Meeting, which will take place May 15–17, 2022, in Los Angeles.

The application deadline is December 15. Apply [here](#).

—Elaina Gregg, Emergency Programs Coordinator, AIC

## **APTI Welcomes New Members**

### **Individual Members**

Pierre Beaupré, Beaupré Michaud et Associés Architectes, Montréal, Québec  
Joel Bertrand, BGLA architecture et design urbain, Québec, Québec  
Ben Bobzien, JP Cullen, Janesville, Wisconsin  
Ed Buch, Ed Buch, FCSI AIA, Architect, Cypress, Nebraska  
Anne Chance, Kennesaw State University, Marietta, Georgia  
Tom Chmill, Simpson Gumpertz & Heger, Washington, D.C.  
Radhika Dash, Briarcliff Manor, New York  
Lucy Davis, McGill University, Westmount, Québec  
Kara Dotter, KRD Heritage, San Diego, California  
Arthur Femenella Jr., Femenella & Associates, Branchburg, New Jersey  
Josiah Fogarty, Stantec Consulting, Ottawa, Ontario  
Kelly Gawinek, Lord Aeck Sargent, Dexter, Michigan  
Juliana Guelber de Mendonca, ERA Architects Inc., Toronto, Ontario  
Vincent Hauser, Vincent P. Hauser Architect, Austin, Texas  
Mark Jones, St-Denis Thompson, Montréal, Québec  
Evan Kay, University of New Mexico, Albuquerque, New Mexico  
Robert Kelly, Wickright General Contracting, Prairie View, Illinois  
David Klein, School of the Art Institute of Chicago, Portage, Indiana  
Jan Kubanek, ERA Architects Inc., Montréal, Québec  
Andrée-Ann Langevin, EVOQ Architecture, Montréal, Québec  
Simon Leverett, Leverett Masonry Consulting, Chicago, Illinois  
Travis Matts, Mavis + Roots | Design • Preservation • Lifestyle, Belleville, Michigan  
Michael Murphy, UF College of Design Construction & Planning, High Springs, Florida  
Nansen Murray, Government of Yukon, Whitehorse, Yukon  
Morgan O'Reilly, ERA Architects Inc., Toronto, Ontario  
Elaine Pierce, HNTB, Merriam, Kansas  
Michael Robear, Colora, Maryland  
Chehallis Robinson, Conservation Legacy Traditional Trades Apprenticeship Program, Alexandria, Virginia  
Joanna Rumbold, RJC Engineers, Calgary, Alberta  
Simona Rusu, EVOQ Architecture, Laval-Des-Rapides, Québec  
Chris Rute, CR Design, Milwaukee, Wisconsin  
Gabriela Sanchez, University of Ottawa, Gatineau, Québec  
Timothy Scovic, Johnson Lasky Kindelin Architects, Chicago, Illinois  
Olivia Simard, Binghamton University, Slingerlands, New York  
Jimmy Su, Arup, Boston, Massachusetts

Kym Terry, Restoration Workshop Parks Canada, Selkirk, Manitoba  
Meredith Wilson, JMA Preservation, Arlington, Virginia  
Lisa Wood, Calgary, Alberta  
Kyril Yurchuk, The Cooper Union for the Advancement of Science and Art, New York, New York

## Resource Roundup

Resource Roundup aims to share relevant preservation resources with APTI members. This column focuses on resources addressing potential issues and gaps in the fields of historic preservation and preservation technology.

**[National Trust for Historic Preservation, Preservation Leadership Forum, "Issues in Preservation: Inclusion, City-Scale Preservation, Sustainability, Historic Sites, and Public Lands."](#)**

- This preservation forum by the National Trust for Historic Preservation provides up-to-date, high-level information on current historic-preservation issues related to both local and national preservation work.

**[Preservation Sub-Committee of the International Advisory Committee of the UNESCO Memory of the World Programme, \*Documentary Heritage at Risk: Policy Gaps in Digital Preservation\* \(UNESCO: 2021\).](#)**

- UNESCO recently published a report with outcomes of the policy dialogue on "Documentary Heritage at Risk: Policy Gaps in Digital Preservation." The report highlights issues that need to be prioritized for the international policy agenda on digital preservation of analog documentary heritage. The initial considerations uncovered policy gaps in the governance and access management of documentary heritage, collection and protection, and preservation actions, as well as legal and ethical frameworks.



**[Jennifer Robinson, "Bridging the Gap: Bringing Preservation to the People" \(master's thesis, University of Pennsylvania, 2015\).](#)**

- "This thesis examines the intersection of preservation practices and social equity. It looks at how organizations communicate about preservation and how those methods may help or hinder the advancement of social equity. The focus is on practices of Philadelphia-based non-profit preservation groups, community development corporations and city agencies. The thesis concludes with chapters devoted to case studies of practices at a local preservation advocacy organization, a house museum, community development corporations, and the city's planning and preservation commissions."

**[Paola Boarin, "Bridging the Gap between Environmental Sustainability and Heritage Preservation: Towards a Certified Sustainable Conservation, Adaptation and Retrofitting of Historic Buildings," in \*Fifty Years Later: Revisiting the Role of Architectural Science in Design and Practice: 50th International Conference of the Architectural Science Association 2016\* \(Adelaide, Australia: The Architectural Science Association and the University of Adelaide, 2016\), 675–684.](#)**

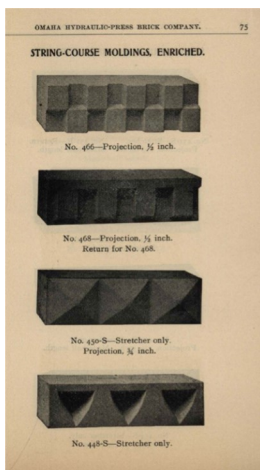
- "This paper presents *GBC Historic Building*, an assessment method developed by the Green Building Council of Italy and derived from the widely adopted standard Leadership in Energy and Environmental Design (LEED). This rating system evaluates the sustainability level of conservation-related activities on pre-industrial buildings subject to major renovation through a holistic and transparent approach."

—Quentin Collette

## Building Technology Heritage Library

The National Building Arts Center (NBAC) is the newest partner of the BTHL. The NBAC is a rising star in the universe of museums related to architecture and building construction. The museum has the largest collection of architectural artifacts of any U.S. institution, and the library has an important collection of architectural trade catalogs and other technical literature. The NBAC is located in Sauget, Illinois, across the Mississippi River from downtown St. Louis. The artifact collection and library were created by Larry Giles, who was a pioneer in the art of building deconstruction in the St. Louis area. In recent years, the NBAC expanded its collection with materials from the Brooklyn Museum. The museum is now improving its site programming and working to raise its profile in the larger museum, architecture, and preservation communities. The cooperative agreement with APTI to share materials from the library will benefit both APTI and the NBAC. The NBAC has an extensive collection of terra-cotta, masonry, and cast-iron artifacts, all of which are also represented in the library's trade-catalog collection. A sample of documents from these materials has been

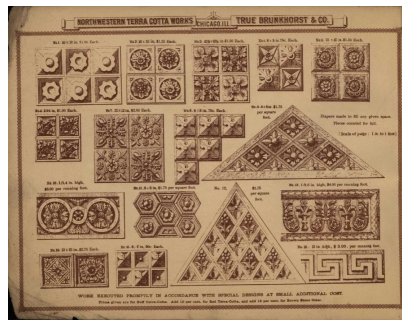
added to the BTHL.



**[Catalogue and Price List of Bricks, 1902-1903. Omaha Hydraulic-Press Brick Co., Omaha, Neb.](#)**

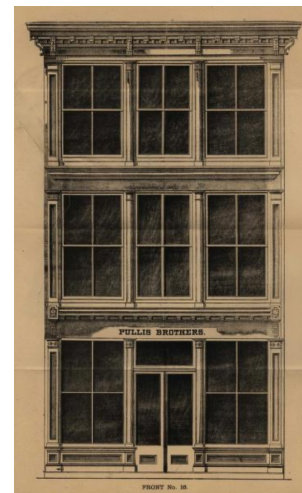
The Hydraulic Press Brick Co. of St. Louis was a national leader in the production of high-quality “press brick” and had a national distribution. While this catalog says it is from the Omaha Hydraulic-Press Brick Co., it is virtually identical to catalogs produced by the St. Louis and Kansas City offices of the Hydraulic Press Brick Co. They illustrate an extensive line of brick shapes that could be used to create great design effects, such as corbelled brick cornices.

—Mike Jackson, FAPT



**[Architectural Catalogue, 1882. North Western Terra Cotta Works, Chicago, Ill.](#)**

This early terra-cotta catalog features a wide variety of terra-cotta panels, window hoods, door surrounds, and cornices that were often unglazed and had a dark red color similar to brick.



**[Descriptive Catalogue of Architectural, Ornamental and Structural Iron Work, 1889. Pullis Bros. Mississippi Iron Works Foundry, St. Louis, Mo.](#)**

The Pullis Bros. Iron Works was one of seven major foundries operating in the St. Louis area during the nineteenth century. This extensive catalog has more than 30 pages of storefronts and facades with an equally extensive offering of ornamental metalwork for buildings and sites.

## Member News

*Contact information for APTI members is available in the members-only area of the website.*

APT Fellow **John Fidler** was awarded the prestigious Nigel Williams Prize of the UK Institute of Conservation (ICON) at its 2021 Ceramics and Glass Conference, entitled “Fragmented Stories,” for his work in stabilizing and restoring the terra-cotta rose window and other ceramic features of the First Congregational Church of Long Beach, California.

**John Fidler** was mentioned, alongside international “starchitect” Renzo Piano, in the extensive local, regional, and national media coverage of the award-winning Academy Museum of Motion Pictures in Los Angeles. Coverage included an August 25 review in the *Wall Street Journal*.

**Patrick Morrissey**, of ConSpec Associates, is pleased to announce the release of CastCotta, a replacement or transition from terra-cotta with the same form and function.

The Preservation Studio at Johnson Lasky Kindelin Architects is growing! **Susan Turner**, Harshitha Beere, and **Tim Scovic** recently joined the firm. They complement a team of preservation architects that includes the firm president, Meg Kindelin, and architects Carri Andrews and Katie McNamee. JLK is excited to move forward while carrying on its sustained tradition in historic preservation.

**Vertical Access** welcomes Lauren Ottersten. Ottersten is a SPRAT Level III rope-access supervisor who has been involved in industrial rope access and work at height in the New York City metro and surrounding areas since 2011. Ottersten has extensive experience supporting the city’s Facade Inspection & Safety Program (FISP) facade inspections and repair campaigns and will be working from the firm’s New York office.

After a 50-year career dating from before the American Bicentennial, **Michael Lynch**, P.E., AIA, FAPT, decided to hang up his spurs and retired as director of the New York State Historic Preservation Office on October 27. He plans to

curate his extensive window-hardware collection and write more articles for the *Bulletin*. Oh, and maybe a little travel.

**Mary Brush** announces that Brush Architects has been awarded the DoCoMoMo US award for excellence in restoration for its work on the Chicago Federal Center U.S. Post Office (Mies van der Rohe, 1974). As a result of this and other achievements, the company is hiring; candidates must have five-plus years of experience in architecture, engineering, and/or conservation and must be located in Chicago.

**Anthony R. C. Hita**, architectural conservator at **LimeWorks.us**, was awarded the ASTM International Emerging Professional Award.

**Nigel Isaacs**, of the Wellington School of Architecture, Victoria University of Wellington, New Zealand, has a fully funded QuakeCoRE PhD scholarship to explore the interactions between building resilience and the regulatory system.

Encore Sustainable Architects' principal, **Ward Bucher**, led a free virtual talk and tour in October of the current restoration of the 1887 Hawley-Hutzler House in Baltimore. The talk is part of Doors Open Baltimore 2021, presented by AIA Baltimore and the Baltimore Architecture Foundation.

An article in *The Architect's Newspaper* entitled "The Historic Menokin House Gets a Novel Rewrapping in Structural Glass" features the historic Menokin House in Virginia's Northern Neck peninsula. **Ward Bucher**, of Encore Sustainable Architects, is the historical architect; **John Fidler**, of John Fidler Preservation Technology, is a technical consultant; and **Stephanie Randazzo Dwyer**, AIA, of Machado Silvetti Associates, is lead architect.

**Bailey Edward** congratulates Ravisloe Country Club in Homewood, Illinois, on its successful listing in the National Register of Historic Places. Established in 1901 as a response to the booming popularity of golf, Ravisloe was one of the first to open its Spanish mission-style doors to the Jewish community, which was often excluded from neighboring clubs.

Stephen Neuhauser, Assoc. AIA, joins **Bailey Edward's** historic-preservation team at their Chicago office. His coast-to-coast experience, paired with his passions for both American history and architecture, will give the team a fresh perspective both in the studio and the field.

**Hennebery Eddy Architects** received a DeMuro Award from Restore Oregon, recognizing its rehabilitation of the Jim Fisher Volvo dealership in Portland. The building features the largest-known installation of Vitrolite glass tiles in the state. The firm was also recognized for its role in the DeMuro Award-winning Henry Building in Portland.

**John Canning & Co.** is excited to welcome the newest member of the Canning team: Edward "Ned" Daley, who joined the company over the summer as an estimator/proposal manager. He is a great addition to the historic-restoration, conservation, and preservation projects proposal team, providing value in assisting clients.

Members **Alafia Akhtar**, **Joan Berkowitz**, FAPT, and **Xsusha Flandro**, APT RP, recently presented a webinar entitled "The Replacement of Architectural Terra Cotta. Available Substitute Materials: Types, Uses, Limitations and Costs," as part of CANY's ongoing series of educational programs. CANY is a New York City-based building-enclosure consulting firm that offers full architectural and engineering services with specialties in preservation and conservation.

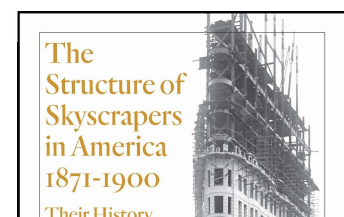
**mcCallumSather** was recently honored with the CaGBC National Award, Green Building Pioneer for 25 years of sustainable design leadership. Known for thinking differently and achieving remarkable sustainability firsts, mcCallumSather is based in Hamilton, Ontario, with locations in Buffalo and Kincardine. The team of 40 designers specializes in architecture, mechanical engineering, interior design, heritage and conservation, laboratory design, and LEED/Net Zero Facilitation.

**Frank Matero**, editor of *Change Over Time*, is pleased to announce the launch of "10.1 Conservation: Discipline & Profession." After nearly a century of scholarship and academic programs, institutional representation, and professional practice, it is time for a historical and critical evaluation of conservation. This issue of the journal examines the challenging questions of disciplinary and professional boundaries.

## Donald Friedman's Book on Skyscrapers Available

### *The Structure of Skyscrapers in America, 1871-1900 Their History and Preservation*

In this long-awaited book, award-winning author Donald Friedman presents an illustrated history of the development of the structure of skyscrapers during the last quarter of the nineteenth century. In the first 190 pages, he details the context for the emergence of this new building type and thoroughly explains the cutting-edge



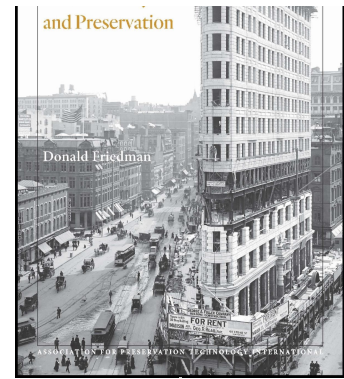


technology of construction. Preservation problems are examined in depth.

A separate 200-page section provides construction dates and images for every known building taller than nine stories erected in the United States between 1871 and 1900—a total of 443 individual buildings, both extant and demolished, in 36 cities all across the country, from Boston and New York to San Francisco.

This definitive new book is essential reading—and an unrivaled reference—for anyone who is interested in early skyscrapers and in identifying the more than 300 engineers, architects, and contractors who designed and built them.

You can also order an attractive bookplate for your copy of *The Structure of Skyscrapers in America*. With the author's signature and the APTI logo, your copy is sure to become a collector's item. The bookplate will be mailed separately.



**Donald Friedman**, co-founder of Old Structures Engineering, has more than 30 years of experience as a structural engineer, working on both the construction of new buildings and the renovation of existing structures. He has taught at Pratt Institute, Rensselaer Polytechnic Institute's School of Architecture, and Columbia University's Graduate School of Architecture, Planning and Preservation. He has written numerous articles for technical publications, as well as five best-selling books on construction history, renovation, and engineering.

**Order** today from APTI!

*How to describe Donald Friedman's The Structure of Skyscrapers in America, 1871–1900? Heroic. Herculean. Deciding to collect and catalog the structural data on every tall building in America erected in the critical first quarter-century of the building type is the task of a very dedicated fanatic. The reasoned text that culls and considers the evidence is learned and lucid. Written with clarity and conviction, Friedman's study is a monumental contribution that engineers, architectural historians, and anyone fascinated by nineteenth-century technology will find indispensable.*

—**Carol Willis, Founder and Director, The Skyscraper Museum, New York City**

*The Structure of Skyscrapers in America is the most comprehensive study of high-rise construction in North America over the past century and a half. Don Friedman's fluent understanding of technical evolution, social and financial pressures, and the ongoing life and preservation of these structures combine to make this an important book for historians, engineers, architects, preservationists, students, and anyone who wants to understand how these structures came to be—and how they, in turn, defined the American city. A masterful, vital overview.*

—**Thomas Leslie, FAIA, Morrill Professor in Architecture, Iowa State University, Ames**

**Donald Friedman, *The Structure of Skyscrapers in America, 1871–1900: Their History and Preservation*. Soft cover, 450 pages, 539 illustrations. ISBN 978-0-9986347-1-5. 2020 publication date. U.S. \$55.00. Available on the Bookstore web page on APTI's website.**

## APTI Website

Don't forget to take advantage of the many resources on the [APTI website](#). Check for [job announcements](#) and [calendar listings](#), access [JSTOR](#) to find archived *APT Bulletin* articles, or read past [Practice Points](#). [Contact information](#) for APTI's chapters around the world is also available.

## APT Bulletin News



The *Bulletin* is always interested in new papers and topics. Please let us know if you have an idea for an article, suggestions for a special issue, or recommendations of presentations from conferences and symposiums, as long as they have not been published previously. [Guidelines for authors](#), [guidelines for guest editors](#), and information about [what is considered to have been previously published](#) are available on the APTI website, and any other suggestions or inquiries can be submitted to the [Bulletin's editorial office](#).



## APT Bulletin Welcomes Peer Reviewers

If you are interested in serving as a peer reviewer for the *APT Bulletin: The Journal of Preservation Technology*, please complete and return the [peer-review response form](#) via email to [info@mountidapress.com](mailto:info@mountidapress.com). Please send along a brief résumé or statement outlining your areas of expertise.

The process of peer reviewing manuscripts is critical to the *APT Bulletin* as a scholarly journal. It helps us understand whether sound preservation practices were followed in a project, whether the ideas proposed or the research conducted are original, and whether a manuscript would make a valuable contribution to the field. Peer reviewers gain an early look at the latest work and have a hand in shaping the information that is disseminated about preservation's best practices. Without the expertise of reviewers, the *APT Bulletin* would not be able to offer the forward-looking information that our audience has come to expect.

The peer-review process is straightforward. As manuscripts come in, we contact potential peer reviewers by way of an email broadcast. Once manuscripts are assigned, the manuscripts and accompanying illustrations usually are emailed, and reviewers are given approximately three weeks to complete the review. [Guidelines](#) and a response form are provided with each manuscript.

If you have any questions, please contact [Liz Marsh](#), project manager at Mount Ida Press, which edits and produces the *Bulletin*. We look forward to hearing from you.

## Amazon Smile



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