



# *Communiqué*

Volume 49. Issue 6. November/December 2020



## Executive Director's Letter

### APT's Mission

APT'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 Washington, D.C.,  
Conference 2021  
Oct. 27-Nov. 2

### Contact Us

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



Dear APT Members:

This is my swan song: After four years as your executive director, I have decided not to renew my annual contract when it expires at the end of the year. When I was first negotiating the terms of my contract with Dean Koga, he asked me how long I thought I might be able to be executive director. My response was "four or five years." Well, for all of us, 2020 has felt like at least two years compressed into one, so I think I've actually met the upper limit of my commitment to Dean.

And what a year it has been for everyone on the planet. APT began 2020 with momentum coming off of an exciting conference in Miami. There was plenty of new talent and energy on the board, and there were financial resources to undertake new initiatives. But then everything was upended in March. The board had to cancel its normal spring board meetings, which were to have been held in Washington, D.C. Right when important decisions needed to be made, the board was not able to be together to work through them.

The most important decision was whether to proceed with a joint conference with the National Trust for Canada, scheduled to be held in Edmonton in early October. Ultimately, the board decided to go ahead with the conference, but to reimagine it as a virtual conference. This was a wrenching decision. We are a collegial and convivial group, and enjoying each other's company is a primary reason for being an APT member. Thus began a six-month mad dash to the conference finish line. It was heartening to see scores of volunteer APT members rise to the challenge, putting in many extra hours, to plan and execute our first virtual conference.

The hard work paid off—the conference was successful, far exceeding our most optimistic scenarios. The content, which had already been developed, was

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

Send news for  
*Communiqué* to  
Mount Ida Press:  
[aptinews@apti.org](mailto:aptinews@apti.org)

Next deadline for  
Member News is  
December 1, 2020.

modified to a virtual format. We planned for 500 participants but ended up with 768 of them! People found creative ways to make the conference as interactive as possible. Our long-standing sponsors came through, contributing far more than we had hoped for. NCPTT and the Getty Foundation provided significant funding to support the additional technology we needed to conduct a virtual conference. In the end, all of the pieces fell into place for a successful conference. There are too many people to thank individually, so I will offer a hearty, collective “thank you” to all of them.

For my parting words of wisdom, I first must remind myself that APT is 52 years old. It has gone through several up and down cycles, but I believe it is currently enjoying a virtuous cycle. Membership is growing again; there is a strong financial base; and there is no shortage of people stepping up to provide leadership for a number of new initiatives. The Strategic Plan Task Force, formed to map out APT’s next five years, needs to focus on how to manage increasing activity and complexity. How should the organization evolve in response to these dynamics? What should APT expect from its next executive director? How does APT maintain focus and drive forward with a common sense of purpose? There are no simple answers, but I am confident that APT will work through these questions as it forges ahead in the second half of its first century.

It has been a pleasure working with and getting to know so many of you during the past 17 years as a member and four years as your executive director. Best wishes to all, and here’s to a better 2021 than 2020!

Paul Kuenstner, AIA

## #APTNT2020 Virtual Conference



Over 750 participants including attendees, exhibitors, and speakers from 14 countries attended the 2020 APT/National Trust Joint Virtual Conference from October 1-7!



**Symposium &  
3 Workshops**



**5 Tracks, 132 Papers  
4 Plenary Sessions**



**114 Speakers  
3 Languages**

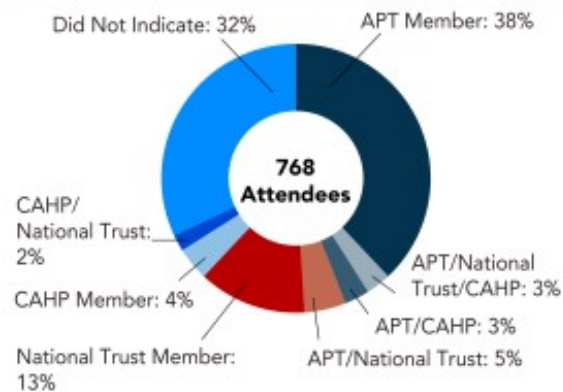


**5 Field Sessions**

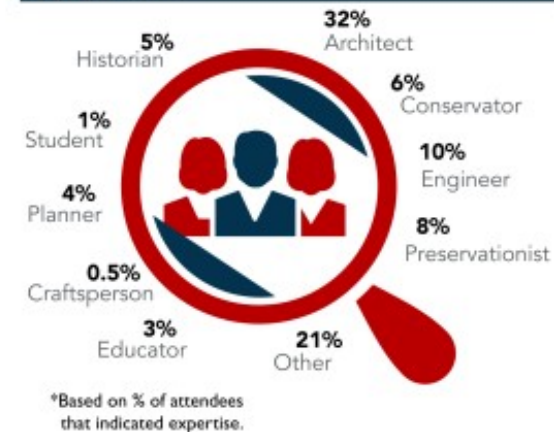


**58 Sponsors**

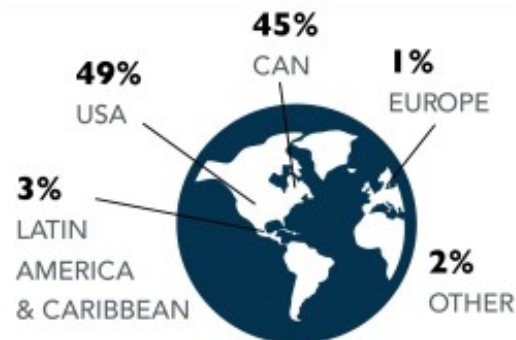
### ATTENDEE BREAKDOWN



### EXPERTISE



### 14 COUNTRIES REPRESENTED



### MOBILE APP



**873 users:**  
(Including speakers and organizers)

- 84.8% Phones / 15.2% Tablets
- 205 hours of use
- 214 presentations
- Slides: 3,984 downloads
- Presentations: 419 views
- Exhibitors: 479 views

### ENVIRONMENTAL IMPACT



The virtual conference avoided 917 tons of CO<sub>2</sub> emissions from the flights to/from Edmonton that were not taken. The carbon emissions are also equivalent to renovating 20,400 square feet (1,900 square meters) of building instead of building new.

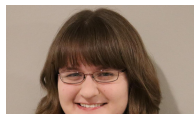
With no printed program, paper, ink, and electricity were saved.

No electricity or water was used for room cleaning or meals, and we eliminated hundreds of disposable coffee cups from going into the landfill!

## Save the Date for Washington, D.C.!

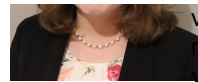


## Remote Reporters



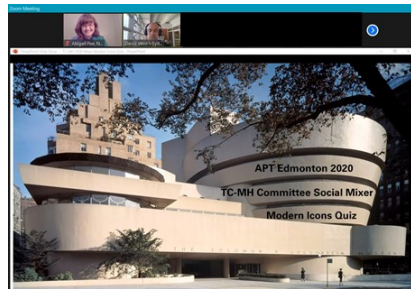
As my first time at the annual APT conference, I was amazed by the range of events offered to attendees. Taking part in a pre-conference workshop, I learned about documentation technologies and even got some hands-on practice with photogrammetry. Several presentations and virtual



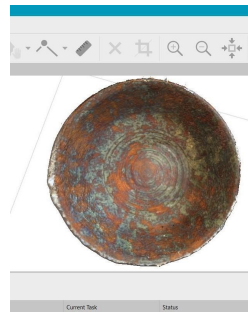


visits to such sites as the Ukrainian Cultural Heritage Village brought opportunities to learn about the rich history and cultures of Edmonton, and I have since added this city to my bucket list of places to visit. Through the presentations by students and professionals at all stages of their careers, I enjoyed learning about their contributions, as well as sharing my own project, and truly sensed the enthusiasm that unites those in this field. Even though we could not be together physically, I felt so welcomed as I got to meet many of you at the mixers and trivia night (I'm studying up for next time!). Sincere thanks to the committees and conference chairs for their efforts in organizing this conference. As one of this year's Student Scholars, I would also like to thank APT for this honor and my mentor, Deborah Slaton, for her guidance and help. Hope to see you all next year in D.C.!

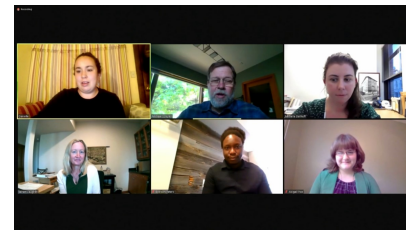
Abigail Poe  
2020 Student Scholar  
Research Associate  
National Center for Preservation Technology and Training  
Natchitoches, Louisiana



*Attendees at the Technical Committee on Modern Heritage mixer put their knowledge about modern icons to the test in a game of trivia.*



*Participants in the "Demystifying Documentation Technologies" workshop learned techniques for photogrammetry and got to practice, as I did here using pottery.*



*Participating in a Q and A after my presentation in the "Disaster Codes" session.*



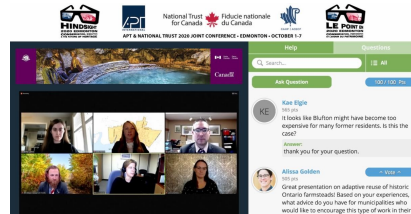
As a Canadian living in Chester, England, I did not think that it would be possible to attend the APT-NT HINDSIGHT 2020 Edmonton virtual conference when it was first announced—it was fantastic that one could attend virtually! I had the opportunity to attend my job during the days and tune in for sessions in the evenings; the six-hour time difference worked out well. I was most impressed by how seamlessly the technology worked. Despite the conference not happening physically in Edmonton, Alberta, it was nice to see speakers and topics covering the host location in great detail, especially during "The Alberta Context" session.

I had the chance to catch some previous colleagues' presentations during the "Reinvestment, Regeneration and Relevancy" session. I was inspired by the environmental stewardship that faith-community buildings innately have and their unmistakable lasting connection with communities. I was also particularly interested in the "Rural Heritage Renaissance" session, where I picked up a wealth of information from each speaker that I will aspire to utilize here in Chester and the surrounding borough.

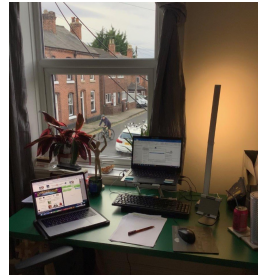
Overall, this year's conference was wonderful and inspiring. Heritage conservation is certainly a key driver towards

achieving more inclusivity and advancing sustainability during this new normal.

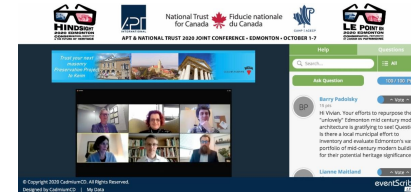
Claire Forward, MA, MSc  
Built Environment Officer (Conservation and Design)  
Cheshire West and Chester Council  
Chester, England



*This shows what the discussion period looked like after the "Rural Heritage Renaissance" session. Each speaker had great presentations and considered the impacts of COVID-19.*



*This is a picture of my viewing setup in my home office. Straight after work I clicked online to tune into the conference and took notes.*



*This shows the group discussion screen after "The Alberta Context" session. The speakers discussed regeneration and renewal of various building types and environments in Alberta.*

## APT Board of Directors Updates

The elections of the new treasurer and of the following new members of the APT Board of Directors were announced at the APT annual general meeting on October 5, 2020.

### Treasurer

- Lurita McIntosh Blank

### Directors

- Emily Beauregard
- Erin Fisher
- Sarah Gray
- Elaine Shapiro
- Tiffani Simple

President Gina Crevello has also announced the appointment of the following as Directors-at-Large:

- Sarah Cole
- Kristen Craig
- Jeff Greene
- Lyles McBratney
- Michael Patrick
- Marco Rezende

## 2020 Class of APT Recognized Professionals

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

This year's class continues to represent a wide cross-section of preservation and heritage professionals from APT's international membership. The following recipients were honored at the APT annual general meeting held on October 5:

- James Banta
- Matthew Bronski
- Julie Cawby
- Yi-Chun Chen
- Natalie Feinberg Lopez
- David Flory
- Jill Gotthelf
- Heidi Granke
- Todd Grover
- Courtney Murdock
- Thomas Newbold
- Brian Rich
- Lorie Riddle
- Belinda Stewart
- Amanda Trienens
- Brian Wentz
- Angela Wolf Scott
- Francis Lim Yew

As an Association for Preservation Technology Recognized Professional, each recipient will have the honor of using "APTRP" with their professional signature.

The committee will soon announce to APT members 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:

- APT 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 APT's Code of Ethics.

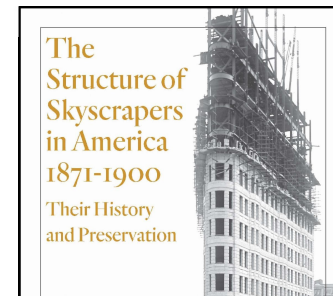
Please direct any questions to committee chair Ron Staley, FAPT, at [ronald.staley@christmanco.com](mailto:ronald.staley@christmanco.com).

## Donald Friedman's New Book on Skyscrapers Now 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.

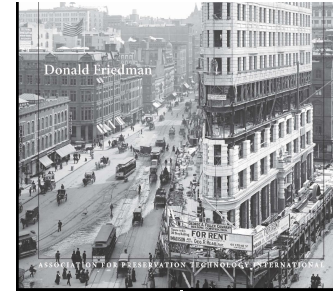
A separate 200-page section provides construction dates and images for every



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.

For a limited time, you can order an attractive bookplate for your copy of *The Structure of Skyscrapers in America*. With the author's signature and the APT 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 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 APT!

*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. Oct. 2020 publication date. U.S. \\$55.00. Available on APT's website.](#)

## Partner Spotlight: Facade Tectonics Institute

**Facade Tectonics Institute and APT Collaborate in Heritage Facade Conference Sessions**  
The APT Technical Committee on Modern Heritage (TC-MH) recently participated in the Facade Tectonics 2020 World Congress, Face Time 2020: Better Buildings through Better Skins, a





virtual event held intermittently between August 5 and 27. The TC-MH was invited to collaborate with [Facade Tectonics Institute](#) (FTI) to moderate several technical sessions on heritage facades on August 26. TC-MH members Angel Ayón, David Fixler, and Paul Gaudette moderated the sessions, which included papers on a variety of traditional and modern envelope refurbishment projects and white papers. Ayón also presented with Uta Pottgiesser on research from their recent book entitled *Reglazing Modernism*.

David Fixler presented an overview of APT, outlining the goals, mission, and organization of APT and the specific roles of the TC-MH and other APT technical committees. He emphasized possibilities for interorganizational collaboration through publications, symposia, and a mutual exchange of session tracks at APT and FTI conferences.

The APT-FTI connection was initiated in the summer of 2015 as a result of outreach by the TC-MH and FTI's co-founder Mic Patterson, who had been researching strategies for curtain-wall rehabilitation to present at the committee's Renewing Modernism Symposium at the APT Kansas City conference. FTI became a partner of APT through the efforts of the Partnerships and Outreach Committee. FTI is a nonprofit member organization for the architecture, engineering, and construction industry and building owners and a research and education institution focused on healthy buildings and livable urban habitats. The Institute's mission is to accelerate transformative change in the built environment toward common goals of resilience and sustainability. FTI members share recognition of the building facade as the linchpin of this endeavor.

Papers cited below are from the sessions moderated on August 26 by TC-MH members.

- [Optimized Adaptive Re-Use](#)
- [Saving Face](#)
- [Preserving a Historic Facade](#)
- [Reduce, Reuse, Reclad](#)
- [Orientation Specific Solar Control](#)
- [Doubling Mies](#)
- [Renewing Historic Facades](#)
- [Air Spaces Changed Everything](#)

—David Fixler, FAPT

## In Memoriam

**Facade  
Tectonics**

**Katherine Anne Onufer**

John G. Waite Associates, Architects (JGWA) mourns the loss of Katherine Anne Onufer, AIA, CDT, CSI, who died on August 20, 2020, of complications from cancer. She was 39 years old.

Katherine's brilliance, her expertise in CAD technology, her passion for preservation, and her seemingly endless capability to fill any role made her a crucial member of nearly every project team at JGWA. Her recent work included exterior restoration at the Vanderbilt Mansion National Historic Site, multiple projects at the University of Virginia (Pavilion VIII, Carr's Hill, and the Rotunda), and the restoration and rehabilitation of Cincinnati Union Terminal, which earned awards from the National Trust for Historic Preservation and the AIA. She was an enthusiastic member of APT's Technical Committee on Documentation.

Katherine was deeply involved in the Albany, New York, community, serving on the board of the Historic Albany Foundation and on the building committee for St. Paul's Episcopal Church, while also anchoring the alto section of their renowned choir. Donations to the Katherine A. Onufer Memorial Fund for Historic Preservation may be sent to the Community Foundation for the Greater Capital Region, Two Tower Place, Albany, New York 12203.

## Membership Stories: Why I Belong to APT



*APT's Membership Committee invites all members to share their own personal stories about the intangible value of APT 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 on the APT website](#), to help persuade others to join.*

My first experience with APT was at the Buffalo conference in 2018. At the time, I was a graduate student working towards my master's degree in historic preservation at Penn. In an attempt to cut down on travel costs, my classmates and I opted to make it a road trip and drive the seven hours from Philadelphia to Buffalo. I arrived eager to get a feel for what preservation practice was like post graduate school through paper sessions with seasoned professionals. I was able to meet with alumni from my program and see presentations on projects that directly related to what I was studying in the classroom. Overall, I was impressed with the range of professions represented and how enthusiastic they were about their work.

For my second APT conference, I was selected to attend as a Student Scholar to present my master's thesis research work. This time, I only had to drive across Biscayne Bay to downtown, as I had just started working as an assistant conservator at RLA Conservation in Miami. Having lived in the city only for a few months, it was encouraging to see the familiar faces of classmates and alumni, while at the same time making new acquaintances through receptions and Student Scholar events. Thanks to the APT conference, I had the opportunity to spend time in some of Miami's most beloved buildings, such as the Bacardi Building's Jewel Box.

Although my APT career and membership have just taken root, I look forward to collecting *Bulletins*, catching up with classmates, and making new connections at future conferences—no matter the distance!

Caroline Dickensheets, MSc  
Assistant Conservator  
RLA Conservation  
Miami, Florida

## Chapter News

### Northwest Chapter

- APTNW and the Washington Department of Archaeology and Historic Preservation are hosting a webinar series beginning on November 3, to be held weekly at 10:30 a.m. PST, on unreinforced masonry (URM) buildings. Topics will include:
  - *Disaster Planning*. How Northwest cities and agencies are preparing.
  - *Equity and Inclusion in URM and Historic Neighborhoods*. Avoiding unintended consequences and impacts.
  - *Preservation Brief 41*. Preservation-minded approaches to seismic retrofit of historic buildings.
  - *URM Construction, Assessment, Restoration*. Focus on rationales, methodologies, and maintenance goals.
  - *Seismic Upgrade Basics*. Holistic design approaches and perspectives from experienced professionals.
  - *Working with the Standards*. Case studies of varying complexity, including use, scale, and seismic vulnerabilities.
  - *Developing New Incentive Programs*. Innovative approaches to financing seismic retrofits.
- [Registration](#) is now open!

—Brian Rich, President

### Northeast Chapter

- In September APTNE held a virtual event entitled “Saint Elizabeths Hospital Revitalization in Washington, D.C.,” presented by Laura Harris Hughes and Kim Daileader.
- In October APTNE held a “Building Stone ‘Virtual’ Walking Tour: Bronx & Westchester County, N.Y.,” presented by Emily Burns, using bedrock maps, Google Street View, and photographs to explore outcrops and buildings.
- All of APTNE’s virtual events are posted online approximately two weeks after the presentation. We will continue providing more virtual events going forward. Please visit our [website](#) for further information on upcoming events and our chapter.

—Corey Spitzer, Board of Directors

### Southeast Chapter

- On November 5 and 6, APTSE is partnering with the Drayton Hall Preservation Trust to offer a web-based workshop. You can find more details [here](#) and [here](#).



**Virtual URM Symposium\***

Register today! [www.dahp.wa.gov/URMsymposium](http://www.dahp.wa.gov/URMsymposium)

**Beginning November 3, 2020**  
All Webinars will begin at 10:30am PDT

**WEBINAR TOPICS INCLUDE:**

- T Nov 3: Proactive Planning for Unreinforced Masonry Retrofits
- T Nov 10: Seismic Retrofit of Historic Buildings
- W Nov 18: URM Retrofit Fundamentals and Design
- Th Nov 19: URM Construction, Assessment, Restoration
- T Dec 1: Avoiding Displacement: Equity and Inclusion
- W Dec 9: Financial Incentives for URM

on hosted by:  

\*AIA credits offered

URM (U) - unreinforced masonry: type of building where load-bearing walls, non-load bearing walls or other structures such as chimneys, are made of brick, cinderblock, tiles, adobe, or other masonry material that is not braced by reinforcing material such as rebar or concrete.



*Saint Elizabeths Continuous Treatment Campus. Image courtesy of EHT Traceries.*

- On December 3, APTSE's quarterly virtual meeting will feature a presentation from Lord Aeck Sargent titled "Stabilizing 18th Century Structures in the Virgin Islands National Park." Anyone interested is welcome to participate. Contact Amanda Brown at [ABrown@bennettpe.com](mailto:ABrown@bennettpe.com) or Patricia Smith at [PSmith@draytonhall.org](mailto:PSmith@draytonhall.org) for details.

—Patricia Smith, President

#### Australasia Chapter

- [Meher Bahl](#) received the [Australia ICOMOS President's Award 2020](#) for her work on scanning and uploading a significant collection of material from Professor Miles Lewis's library to APT's Building Technology Heritage Library.

—David West, Co-Convenor

## Committee News

### Codes and Standards Technical Committee

The first meeting of a working group on house museums was held on September 3. The committee reached out to several individuals with a wide range of experience in the house-museum field, including Ben Haavik, of Historic New England, and Donna Harris, of Heritage Consulting. Ashley Wilson, architect for the National Trust, is very interested in the activities of this committee. We have also reached out to the American Association for State and Local History as another potential member. The critical issues generally revolve around fire safety, energy efficiency, and accessibility.

We have started to research issues related to the National Building Code of Canada, which currently lacks any special provisions for heritage buildings. A Canadian government research body, the National Resource Council, produces the national code, which is adopted by the provinces. The Ontario version does have a section on historic buildings but is fairly minimal in its content and reverts to relying on the interpretation of the local code official. An effort is underway to improve the code language to address existing and heritage properties, following the principles identified in a 2019 report, [Alterations to Existing Buildings](#) by the Canadian Commission on Building and Fire Codes.

The committee continues monthly discussions relative to increased participation in the code-development process of the International Code Council, with the goal of improving the requirements and usability of the codes for historic buildings.

New committee members are always welcome! Please contact co-chairs Mike Jackson, FAPT, at [arch419@aol.com](mailto:arch419@aol.com), or Marilyn Kaplan, FAPT, at [preservationarchitecture@gmail.com](mailto:preservationarchitecture@gmail.com), if you are interested in becoming involved in the committee.

—Marilyn Kaplan, Co-chair



### Preservation Engineering Technical Committee

Thank you all for your amazing involvement and support with the PETC Student Design-Build Competition events, as well as the PETC annual general meeting. We really appreciate it, and the students really appreciated it. Student winners, posters, photographs, and videos will be posted soon on the [PETC website](#).

Congratulations to 2020 David Fischetti Award winner Tom Nehil, P.E., for his article titled



"Determining Design Stresses from Strength Values," which was published in *Timber Framing: Journal of the Timber Framers Guild*, number 127, in March 2018. [Click here](#) for more information.

For more information, check out our [website](#); email [petc@apti.org](mailto:petc@apti.org) to join our email list and become more involved with PETC.

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



Tom Nehil, P.E.

#### Technical Committee for Materials

Robert Blanchette, PhD, of the University of Minnesota, presented "An Overview of Wood Decay" at the September webinar, which included a presentation and discussion of wood decay caused by various microorganisms. Judy Jacob, Becky Wong, and Kelly Ciociola, TCM Roundtable co-chairs, organized and moderated the event.

The November Roundtable is scheduled for Wednesday, November 18, at 2:00 p.m. EST. Carolyn Riccardelli, of the Metropolitan Museum of Art, will present "Carbon Fiber Fabric and Its Potential for Use in Conservation Treatments" to provide an introduction to carbon-fiber fabric and will discuss her application of this material for creating structural supports for large objects.

To learn more about initiatives, upcoming events, and scheduled meetings, visit our [website](#).

—Monique Colas, Communications Chair

## Resource Roundup

*The Resource Roundup column of Communiqué aims to share relevant preservation resources with APT members. This column focuses on books and projects related to adaptive reuse. A playlist of videos related to adaptive reuse was compiled by Al Russell and is available on [YouTube](#).*

[\*\*Bie Plevoets and Koenraad Van Cleempoel, \*Adaptive Reuse of the Built Heritage: Concepts and Cases of an Emerging Discipline\* \(London: Routledge, 2019\).\*\*](#)

This book provides students and professionals with the information and tools they need to develop innovative and creative approaches, helping them to rethink and redesign existing buildings. Part I outlines the history of adaptive reuse and explains the concepts and methods that lie behind new design processes and contemporary practice. Part II consists of a wide range of case studies, representing different time periods and strategies for intervention. Iconic adaptive-reuse projects, such as the CaixaForum in Madrid and the Rijksmuseum in Amsterdam, are discussed alongside less famous and spontaneous transformations such as the Kunsthaus Tacheles in Berlin, in addition to projects from Italy, Spain, Croatia, Belgium, Poland, and the United States.

[\*\*Untapped Potential: Strategies for Revitalization and Reuse \(Washington, D.C.: National Trust for Historic Preservation \(Preservation Green Lab\) and Urban Land Institute, 2017\).\*\*](#)

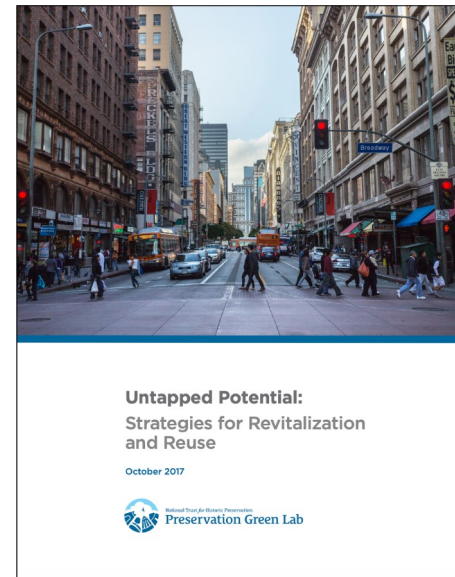
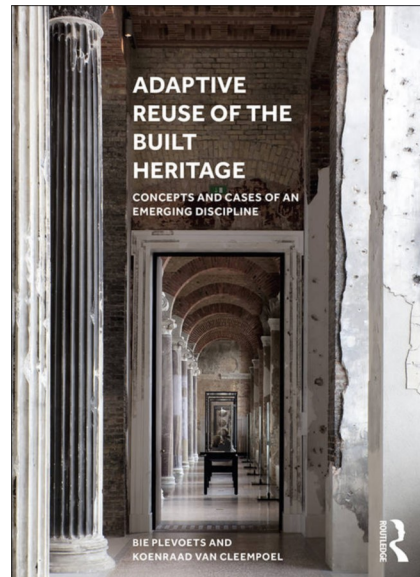
This report reflects upon the lessons learned from a multiyear partnership between the National Trust for Historic Preservation and the Urban Land Institute studying reuse in Baltimore, Chicago, Detroit, Los Angeles, and Philadelphia. The report summarizes the technical, market, financial, and regulatory barriers to building reuse and offers best practices for policymakers, developers, and community advocates interested in building reuse as a tool to create healthy, equitable, and resilient communities.

[\*\*Buildings As Material Banks \(BAMB\) Horizon 2020 Project.\*\*](#)



Funded by the European Commission, the purpose of the BAMB project is to establish a systemic shift in the building sector by creating circular solutions. Dynamically and flexibly designed buildings can be incorporated into a circular economy where materials in buildings sustain their value and are reused to reduce waste and minimize the use of natural resources. The BAMB project provides valuable resources such as reports and guidelines on reversible building design, circular building assessment, and “material passports,” which are data sets on defined characteristics of building materials that give them value for recovery and reuse.

—Quentin Collette



## APT Welcomes New Members

### Corporate Member

Gale Associates, Inc., Weymouth, Massachusetts: Marc Loranger, Brian Neely, Derek Ziese

### Individual Members

Tania Alam, Jablonski Building Conservation, New York, New York

Shayan Amin, Baltimore, Maryland

Trey Asner, University of Florida, St. Augustine, Florida

Joseph Bacci, University of Pennsylvania and Echem Consultants LLC, Woodstock, New York

Davide Bandera, Mapei, Milano, Italy

Suzanna Barucco, sbk + partners, LLC, Ardmore, Pennsylvania

Jacquemin Benoit, Ibix, Beaufays, Belgium

Nicola Berlucchi, Studio Berlucchi, Brescia, Italy

Eliza Blackman, The University of Texas at Austin, Austin, Texas

Elvira Boglione, Lithos Restauri, Venezia, Italy

Antonio Buono, Impresa Antonio Buono, Vanafro, Italy

Andrea Carswell, Archaeological Research Associates Ltd., St. Clements, Ontario

Dina Chatelain, San Marcos, California  
Monique Colas, Skidmore, Owings & Merrill, Teaneck, New Jersey  
Elizabeth Cushing, Cushing Design Group, Dartmouth, Nova Scotia  
Abigail Dolan, WSA | ModernRuins, Irvington, New York  
Teresa Duff, LINEAGE Historic Preservation Services, Sewickley, Pennsylvania  
Mary Dunne, Connecticut State Historic Preservation Office, Hartford, Connecticut  
Jeremy Ebersole, University of Oregon/Milwaukee Preservation Alliance, Milwaukee, Wisconsin  
John Essig, Thornton Tomasetti, Los Angeles, California  
Juliana Faria, Unifil, Londrina, Brazil  
Amanda Foote, University of Calgary, Calgary, Alberta  
Kathleen Frazier, Frazier Associates, Staunton, Virginia  
Enrico Gadioli, Azichem, Goito, Italy  
Bernard Gagné, ABCP Architecture, Québec, Québec  
Una Gilmartin, Wiss, Janney, Elstner Associates, Inc., Emeryville, California  
Anna Maria Grune, Kailua, Hawaii  
Emanuele Guglietta, G.E.R. Restauri, Rome, Italy  
Benjamin Hays, University of Virginia, Charlottesville, Virginia  
Justin Henderson, Littleton, Colorado  
Diana Hernandez, The University of Texas at Austin, Austin, Texas  
Emily Hower, AIAS, Fort Wayne, Indiana  
Mei Kei Maggie Hui, Landmark Preservation Commission, Elmhurst, New York  
Nityaa Iyer, Art Deco Mumbai Trust, Navi Mumbai, India  
Palvasha Khan, New York, New York  
Carlos Lara-Treviño, Universidad Autónoma Metropolitana, Mexico, Mexico  
Julie Lee, Savannah College of Art and Design, St. Louis, Missouri  
Todd Levine, Connecticut State Historic Preservation Office, Hartford, Connecticut  
Jackson Loop, Pasadena, California  
Ryan Macchiarelli, Penn State University, Thornton, Pennsylvania  
Mary MacDonald, City of Toronto, Toronto, Ontario  
Catherine McBain, Carleton University, Ottawa, Ontario  
Torin McCue, Atkinson-Noland & Associates, Brooklyn, New York  
Patricia Milne, Milne Architect, Toronto, Ontario  
Simone Monteleone, National Park Service, Interior Region 2, Lacey's Spring, Alabama  
Annalisa Morelli, Soing, Livorno, Italy  
Craig Morrison, Craig Morrison, Architect, Pittsburgh, Pennsylvania  
Michaela Mueller, Ryan Biggs | Clark Davis, Castleton, New York  
Gregory Munn, SableARC, Charlottetown, Prince Edward Island  
Lawson Newman, WFT Architects, P.A., Jackson, Mississippi  
C. T. Nguyen, Savannah College of Art & Design/Preservation Design Department, Savannah, Georgia  
Nancy Oakley, Heritage Connects, Quinte West, Ontario  
Karine Oliveira, Universidade Federal da Bahia, Salvador, Goiás, Brazil  
Christine O'Malley, Historic Ithaca, Ithaca, New York  
Mariko Park, Bassetti Architects, Seattle, Washington  
Henry Pearson, SDC Contracting, Virginia Beach, Virginia  
Maxiliano Perdigão dos Santos, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil  
Mara Pereira, Recife, Pernambuco, Brazil  
Annunziata Petrecca, Minerva Restauri, Napoli, Italy  
Giammarco Piacenti, Piacenti S.p.a., Prato, Italy  
Abigail Poe, NCPTT, Natchitoches, Louisiana  
Alberto Raschieri, Geomar, Mondovi, Italy

Dimitri Rimbaut, Ibix, Chaudfontaine, Belgium  
Antonello Rocchetti, Kimia, Ponte Felcino Perugia, Italy  
Edith Salas Osorio, Cartagena de Indias, Colombia  
Gaetano Scancarello, Impresa Scancarello, Palermo, Italy  
Shelby Schrank, University of Massachusetts Amherst, Brooklyn, New York  
Jenny Scofield, Connecticut State Historic Preservation Office, Hartford, Connecticut  
Natalie Smith, Carleton University, Ottawa, Ontario  
Eugene Tuan, Tuan and Robinson, Structural Engineers, Inc., San Francisco, California  
Abigail Valek, Bolingbrook, Illinois  
Robin von Rösséguier, Eurorubber GmBH, Klingenberg, Germany  
Byron Wallace, Restoration Works, Inc., Bradley, Illinois  
Renzo Weider, Architecture et Héritage, Villeurbanne, France  
Kelsey Williamson, The University of Texas at San Antonio, San Antonio, Texas  
Marena Wisniewski, Connecticut State Historic Preservation Office, Hartford, Connecticut  
Qian Xu, Columbia University, New York, New York  
Dona Yu, Bay Shore, New York  
Luca Zappettini, Kairos Restauri, Milano, Italy

## Building Technology Heritage Library

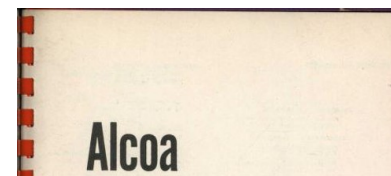
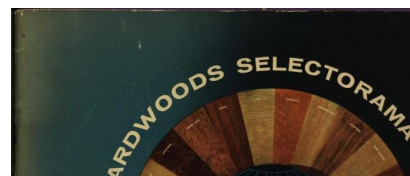
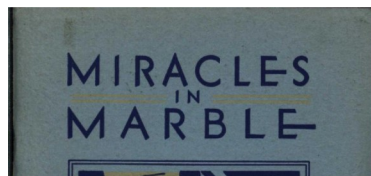
### Building Technology Heritage Library Tenth-Anniversary Publication

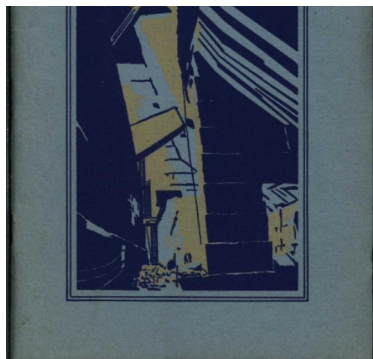
A special publication recognizing the tenth anniversary of the Building Technology Heritage Library (BTHL) is now [available](#). It showcases the scope and content of the BTHL through the imaginative use of colorful graphics from 200 years of trade literature. APT President Gina Crevello, in her introduction, summed up this project: The BTHL has “preserved and digitized historical records that might otherwise have been lost but are now available to benefit a global community of preservation professionals. APT is truly proud of this significant achievement.”



Content in the BTHL continues to grow with another round of funding from the National Center for Preservation Technology and Training. Will Asher, the 2019 BTHL intern, was able to pick up where he left off and scan additional materials from two different collections: The first came from the collection of Mike Jackson; the second came from a new BTHL partner, the [National Building Arts Center](#) (NBAC). The NBAC is a relatively new organization with a major collection of building components and a large technical library of architecture and building-construction documents. The NBAC is located in Sauget, Illinois, which is just across the Mississippi River from downtown St. Louis. The first document to be added from the NBAC will be the 1957 Sweet's catalog. It is a long-term goal of the BTHL to digitize all the Sweet's catalogs up through 1963.

The second round of catalogs from the Avery Architectural and Fine Arts Library at Columbia University will be added soon. This project has been on hold because of COVID-19, but 800 trade catalogs from the Avery collection were recently shipped to the Internet Archive scanning center in Princeton, New Jersey. This is the second project with the Avery Library and is funded by a grant from the Historic Preservation Education Foundation.

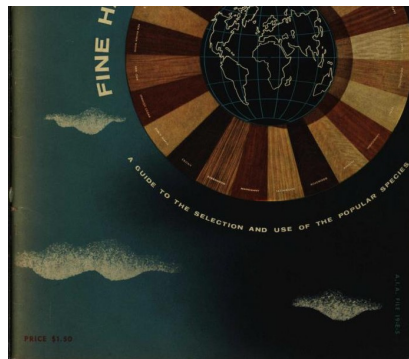




[Miracles in Marble: A Story of Modern Methods Applied to One of America's Oldest Industries, 1940s. Vermont Marble Company, Proctor, Vt.](#)

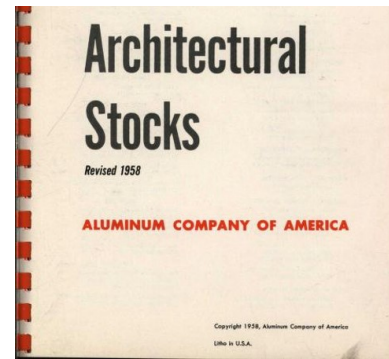
This small volume tells the story of the marble quarrying process, as well as the carving and finishing techniques for marble memorials and building components.

—Mike Jackson, FAPT



[Fine Hardwoods Selectorama: A Guide to the Selection and Use of the Popular Species, 1956. Fine Hardwood Veneer Association & American Walnut Manufacturers Association, Chicago, Ill.](#)

This guide to architectural hardwood has details of 60 popular hardwoods for commercial use in North America. An interesting map shows that the wood species come from across the world.



[Alcoa Architectural Stocks, 1958. Aluminum Company of America, Pittsburgh, Pa.](#)

This is an extensive catalog of hundreds of different aluminum components kept in stock through a nationwide distributor's network. In addition to basic shapes, there are sections of typical architectural components such as gravel stops, railings, and trim.

## Member News

*Note: Contact information for APT members is available in the members-only area of APT's website.*

**Vertical Access** announces that Judith Fagin, PMP, joined the firm as business development manager. She has a bachelor's degree in architecture, studied historic preservation at Columbia University, and received her master's degree in public administration from the Harvard Kennedy School. Fagin has spent the majority of her career working in project development and implementation.

**Héctor J. Berdecía-Hernández**, Assoc. AIA, a graduate student at the University of Pennsylvania, will be presenting "Belleza Desnuda: A Conservation Assessment of the Exterior Concrete Surfaces of Henry Klumb's Parroquia Nuestra Señora del Carmen in Cataño, Puerto Rico" at the student poster session of the virtual 28th Biennial Congress of the International Institute for Conservation (IIC) Conference.

**Héctor J. Berdecía-Hernández**, Assoc. AIA, has been appointed as the founding director/coordinator-general of the Escuela Taller de Conservación y Restauración del Patrimonio Histórico of the Institute of Puerto Rican Culture. This new institution aims to provide educational opportunities for individuals and professionals in the construction industry to learn about traditional building trades and the best conservation/restoration practices for built heritage.

**Jeremy Ebersole** was the featured guest on the August 8 episode of the *Mondo Neon* podcast, “Portland Neon, Sign Regulation & Cultural Heritage.” He spoke about his master’s degree project research into the best practices of neon-sign preservation.

**Roy J. Ingraffia, Jr.**, Assoc. AIA, PA-AIC, APT-RP, former national director for partnerships and strategic initiatives at the International Masonry Institute (IMI), has succeeded Dave Sovinski as the organization’s new national director of industry development and technical services. **Amy Lamb Woods**, P.E., director of technical information, will spearhead IMI’s Restoration Team along with Casey Wesidock, MS, director of industry development and technical services.

**Mario Santana Quintero** was promoted to full professor at Carleton University in July. He emigrated to Canada in 2012 to join Carleton’s architectural conservation and sustainability program and joined APT at that stage. He has organized three documentation workshops for APT. He has also collaborated on many other APT initiatives.

Kreilick Conservation, LLC, welcomed **James E. Churchill** to its team as a conservator in July. Churchill earned his master’s degree in historic preservation at the Graduate School of Architecture, Planning and Preservation at Columbia University. A Funaro Scholar, he also received an honor award for an outstanding thesis entitled “Decorative Monel: Historical Intent, Weathering and Analysis.”

Kreilick Conservation, LLC, announces the publication of an article by **James E. Churchill**, which was featured on the cover of the September issue of ASM International’s *Advanced Materials & Processes* magazine: “Historic Monel, Part I: Production and Processes of the International Nickel Company into World War II.” It will be followed by “Testing and Analysis of Atmospheric Corrosion Products” in the November issue.

Getty Conservation Institute published *Conservation Principles for Concrete of Cultural Significance* by **Susan Macdonald** and **Ana Paula Arato Gonçalves**, a free and downloadable resource that provides a framework for architects, engineers, conservators, contractors, and stewards to make sound, informed decisions for conserving culturally significant concrete buildings and structures by referencing both concrete-repair standards and international conservation principles.

**Lorraine Schnabel**, of Schnabel Conservation, LLC, announces that a recently completed project, the First Presbyterian Church at 21st and Walnut Streets in Philadelphia, Pennsylvania, has received a Grand Jury Award from the Preservation Alliance for Greater Philadelphia. The completed project is the third phase of a comprehensive program of exterior masonry restoration that began in 2008 to address deferred maintenance.

**Elizabeth Cushing** announces the launch of Cushing Design Group, a heritage-consulting firm based in Dartmouth, Nova Scotia. The firm specializes in historic research, heritage-registration applications, heritage design, and heritage-impact statements. Cushing is an experienced heritage planner with public- and private-sector experience, having previously worked for federal and provincial governments and the consulting industry.

**Donald Friedman** and Shaquana Lovell of Old Structures Engineering were the engineers for the restoration of Belvedere Castle, an 1871 folly, in Central Park. The project won a 2020 Lucy Moses Award from the New York Landmarks Conservancy. The project included restoration of stone walls, wood pavilions, and slate roofs, as well as the recreation of a missing pavilion tower.

**Cathedral Stone Products** has scheduled a socially distant, hands-on education class for architects, engineers, and specifiers. The event will be held in Hanover, Maryland, on December 11 from 9:00 a.m. to 3:00 p.m. EST. Topics on the agenda include a plant and restoration and development lab tour, masonry repair and cleaning, injection grouting, and pointing. Continuing-education credits are available. For more information, visit their website.



**Meyer Borgman Johnson** (MBJ), a 100-person structural-engineering firm providing historic-preservation services for projects across the United States since 1955, will be moving its Phoenix office on November 16 to 116 E. University Drive, Suite 500, Tempe, AZ 85281. Phone numbers will remain the same. Other MBJ office locations include Minneapolis, Duluth, and Rochester, Minnesota, and Green Bay, Wisconsin.

**HGA** has promoted **Elizabeth Manning**, PhD, EIT, to associate. Manning joined HGA in March and will utilize her experience in structural analysis of historical constructions, non-destructive testing, and historic building structural-condition assessments.

**HGA** has promoted **Dustin Harford**, Assoc. AIA, to associate. Harford joined HGA's public/corporate practice in 2015. Since that time, he has leveraged his expertise in heritage preservation and historic conservation on the award-winning Minnesota State Capitol (2020 AIA Architecture Award) and several projects for the GSA.

SUPERSTRUCTURES Engineers + Architects principal **Paul Millman**, P.E., RA, announces that, for the eleventh time, one of the firm's projects was honored with a Lucy G. Moses Preservation Award from the New York Landmarks Conservancy. The award, presented in September, is for the exterior restoration of the Manhattan Appellate Courthouse overlooking Madison Square Park. SUPERSTRUCTURES provided conservation services.

CANY is proud to welcome **Joan Berkowitz**, FAPT, as the building-enclosure consulting firm's technical director. She brings over 30 years of experience to CANY's New York office and a renowned proficiency in architectural preservation. With her appointment, CANY looks to expand its conservation services and continue its work on some of the country's most challenging historic and landmark projects.

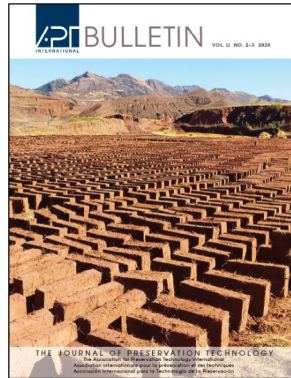
**Jablonski Building Conservation** was honored to be on four amazing teams that won Lucy G. Moses Awards for Surrogate's Court, the McGraw-Hill Building, 817 Broadway, and the Sun Building. The New York Landmarks Conservancy awarded the "Lucys" during an outstanding virtual awards ceremony that was enjoyed by all attendees.

This August, **Angel Ayón**, from AYON Studio, presented his ongoing research on reglazing modernism at the Facade Tectonics Institute's virtual 2020 World Congress. The presentation focused on interventions to postwar aluminum-frame glazed facades. Ayón also chaired a heritage-facade session where a variety of interventions on both modern and traditional facades was discussed.

## APT Website

Don't forget to take advantage of the many resources on the [APT website](#). Check for [job announcements](#) and [calendar listings](#), access [JSTOR](#) to find archived *APT Bulletin* articles, or read past [Practice Points](#). [Contact information](#) for APT'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 other conferences and symposia, 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 APT 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.

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