

ROGER W. MOSS SYMPOSIUM

# DOCUMENTATION BY DESIGN

*Celebrating 90 Years of the  
Historic American Buildings Survey and  
40 Years of the Charles E. Peterson Prize*

**NOVEMBER 10-11, 2023**  
*at The Athenaeum of Philadelphia*



# THANK YOU FOR JOINING US!

This event is co-sponsored by The Athenaeum of Philadelphia,  
the Historic American Buildings Survey and  
the American Institute of Architects



**AIA Members will receive 3 HSW credits and 5 LUs**

*Cover Image: HABS Team Measuring the Kentucky School for the Blind, 1934  
HABS Collection, Library of Congress*

# EXHIBITIONS

## BLAZING THE TRAIL

### THE HISTORIC AMERICAN BUILDINGS SURVEY TURNS 90

Featuring the latest in HABS architectural documentation and recording methods and a brief outline of over nearly a century of recording.

*Located in the Haas Gallery*



*Allison Villada and Steven Esparza level and operate a laser scanner at the Rio Vista Bracero Reception Center in Socorro, TX as part of the HABS Latino Heritage Internship Program, 2023*

*HABS measuring crew at work, 1940, Hermann-Oheim House, Kimmswick, MO*

*Some of Heritage Documentation Programs, NPS staff and summer interns toured the beautiful and historic Jefferson Building of The Library of Congress, Summer 2023*

# EXHIBITIONS

## 40 YEARS OF THE CHARLES E. PETERSON PRIZE

Exhibition of the 2023 Peterson Prize winning student entries and four decades of Peterson Prize posters.

*Located in the Hall and Grand Stair Galleries*



# SCHEDULE

## Friday, November 10, 2023

### 4:00 Exhibitions Open

*Blazing the Trail: The Historic American Buildings Survey Turns 90*  
Featuring the latest in HABS architectural documentation and recording methods and a brief outline of over nearly a century of recording.

### *40 Years of the Charles E. Peterson Prize*

Exhibition of the 2023 Peterson Prize winning student entries and four decades of Peterson Prize posters.

**5:00 Keynote Speaker—C. Ford Peatross**, Founding Director of the Center for Architecture, Design & Engineering at the Library of Congress

***David in the Land of Goliath: Milestones in the Life of a Small Federal Program, the Historic American Buildings Survey (HABS)***

### 6:00 Peterson Prize Awards

Presentation of the awards to students and professors, with introductions by Bruce Laverty, Athenaeum host; Karl Stumpf, AIA-HABS Steering Committee Chair and HRC representative; Catherine Lavoie, HABS Chief; and Mark Schara, HABS Architect and Peterson Prize Coordinator

**6:30 Reception to Celebrate and Congratulate the Student Winners of the 2023 Peterson Prize**

# SCHEDULE

## Saturday, November 11, 2023

**9:00** Coffee and registration

**9:30** Introduction and Welcome, **Bruce Lavery**, Curator of Architecture, The Athenaeum of Philadelphia

**9:45** **John G. Waite**, FAIA, FAPT, JGWA Architects  
*The Historic American Buildings Survey and Its Role as a National Leader in Historic Preservation*

**10:15** **Amalia Leifeste**, AIA, Associate Professor for Clemson University Graduate Program in Historic Preservation  
*HABS in Preservation Education: Measured Drawing Documentation in Clemson University's Graduate Program in Historic Preservation Curriculum*

**10:45** **Break**

**11:00** **Nan R. Gutterman**, FAIA, FAPT, Associate and Project Manager at VITETTA, Architects and Engineers  
*HABS drawings as the Basis of Design for an Architect: the Renovation of the Burlington County Courthouse, the Historic Lazaretto and the Burlington County Prison*

**11:30** Questions and Answers

**11:45** **LUNCH BREAK**

# SCHEDULE

## **Saturday, November 11, 2023**

**1:30 Willie Graham**, Architectural Historian  
*Colonial Williamsburg Foundation and the Historic American Buildings Survey: Guardians of America's Architectural Legacy*

**2:00 Mario Santana Quintero**, FAPT, Department of Civil and Environmental Engineering, the Azrieli School of Architecture & Urbanism, and the Immersive Media Studio Lab (CIMS) at Carleton University and Honorary President of the ICOMOS Scientific Committee on Heritage Documentation (CIPA)  
*Digitally Capturing Historic Buildings for Posterity and Conservation: Opportunities and Challenges in an Emerging Field*

**2:30 BREAK**

**2:45 Paul Davidson**, Architect for HABS at the National Park Service  
*The Historic American Buildings Survey – Assessing Advanced Technologies in Building Documentation*

**3:15** Questions and Answers

**3:30** Panel of Speakers: *The Future of Documentation and its impacts on the HABS Program*

**4:00** Closing remarks

# SPEAKERS



## C. FORD PEATROSS

November 10 at 5:00pm

### David in the Land of Goliath: Milestones in the Life of a Small Federal Program The Historic American Buildings Survey

Unique factors in the support, structure and the mission of the Historic American Buildings Survey have allowed it to survive and prosper for almost a century as a relatively small program within a large executive branch department, and as the partner of the Library of Congress in the legislative branch and the American Institute of Architects in the private sector.

As the Survey looks to the future, this illustrated presentation will discuss some of the advantages and disadvantages of this unprecedented arrangement, as well as a number of the program's past challenges and significant achievements.

**C. Ford Peatross** is an historian of art, architecture and design. During a forty-one-year tenure as a curator for the Library of Congress, he defined and expanded its architecture, design, and engineering collections through the addition of over three million items. These acquisitions included additions to the Historic American Buildings Survey and the Historic American Engineering Record; and the creation of the Historic American Landscape Survey. Peatross has published and lectured in these subject areas for a wide and international range of audiences and the broadcast media and helped to organize and fund major traveling exhibitions on the work of Frank Lloyd Wright and Charles and Ray Eames.

He worked to initiate the Art & Architecture Thesaurus of the Getty Research Institute and to expand COPAR (the Cooperative Preservation of Architectural Records). As the founding director of the Library's Center for Architecture, Design and Engineering he conceived the now ten-volume series of W. W. Norton/Library of Congress Visual Sourcebooks in Architecture, Design and Engineering. He has served on the Architectural Drawings Advisory Group of the National Gallery of Art and the editorial board of the *The Buildings of the United States*, and as a consultant to Universal Studios and numerous museums and institutions.

Peatross is a Fellow of the Society of Architectural Historians and the Historic American Buildings Survey and an Honorary Member of the American Institute of Architects and the American Society of Landscape Architects. He received the 2014 President's Award from the National Building Museum, which, as a student, he helped to conceive and establish.



# SPEAKERS

## JOHN G. WAITE FAIA, FAPT

November 11 at 9:45am

### The Historic American Buildings Survey and Its Role as a National Leader in Historic Preservation



In the 1960s, under the leadership Charles E. Peterson and James C. Massey, the Historic American Buildings Survey was one of the few Federal agencies responsible for preservation, especially of buildings not in government ownership. Before the creation of the National Register, recording of a building by HABS was one of the few national certifications of significance and was used as a preservation tool in many local battles.

Because of its location in Philadelphia in the shadow of Independence Hall, then the largest restoration project in the country, HABS was the national center of preservation activity. Other preservation organizations such as the Society of Architectural Historians, the Philadelphia Chapter of the AIA and the Athenaeum were located nearby and there was a constant stream of visitors from all across America to the HABS office. Because of its association with the Ford Foundation, HABS played an important role in the development of the 1966 National Historic Preservation Act. People associated with HABS formed the nucleus of leadership for national and state preservation agencies, as well as private organizations like the National Trust following the passage of the Act.

In the 1960s HABS was organized by architects to train young architects in the recording and treatment of historic buildings. Closely connected to the Historic Structures Branch of the National Park Service, HABS architectural students prepared measured drawings of structures, some in the ownership of NPS. Because of this, students also learned about historic building technology, building code compliance, and the investigation of the historic evolutions of the buildings. My own experience was on five HABS summer teams, two of which were in the Philadelphia office. The experience of having to evaluate and record historic buildings, as well as developing approaches to their preservation, was invaluable to my career. The presentation will conclude with a discussion of the lessons I learned while working at HABS.

**Jack Waite** was hired by Charles E. Peterson in the 1960s and served on five HABS summer teams, two of them as supervisor. He then worked at the Ford Foundation and the New York State Historic Trust (SHPO) until 1976, when he became a principal in the predecessor firm of John G. Waite Associates, Architects (JGWA).

Specializing in historic preservation, JGWA has been responsible for the restoration of many of America's most significant buildings including: five state capitols, Blair House, the Presidents Guest House, Thomas Jefferson's buildings at the University of Virginia, Mount Vernon, The Octagon, New York's Tweed Court House, the Lincoln Memorial, Statue of Liberty, Alexander Hamilton's The Grange, Theodore Roosevelt's Sagamore Hill, and the Cincinnati Union Terminal.

Two of JGWA's projects, Latrobe's Baltimore Cathedral and the Rotunda of the University of Virginia, received National AIA Design Awards. Other JGWA projects have received over 85 state and regional architecture and preservation awards.

Current projects at JGWA include Biltmore, The Basilica of St. Lawrence in Asheville, Yin Yu Tang House at the Peabody Essex Museum, two major projects at the New York State Capitol, and a dozen National Park Service projects. Jack Waite has written more than fifty books and articles that have been published by federal and state preservation agencies and organizations

# SPEAKERS



## AMALIA LEIFESTE

November 11 at 10:15am

### HABS in Preservation Education: Measured Drawing Documentation in Clemson University's Graduate Program in Historic Preservation Curriculum

Graduate students in our program are both users of the HABS collection at the Library of Congress, and also proud of our contribution to the collection through a dozen sets of drawings. This talk will discuss how measured drawing skills are integrated into the required curriculum for our Masters and Certificate students, and how HABS guidelines and the Peterson Prize competition establish standards for our students' work. I will discuss the choices of integrating new technology (namely photogrammetry and laser scanning) to the processes students learn, and when these tools are incorporated into the curriculum. I give examples of the sets the drawings produced by the Graduate Program in Historic Preservation, and discuss some of the themes which have played a role in project selection for our program over the years- including circumstances of highlighting threatened heritage from underrepresented communities, creating a record of places on the brink of undergoing large changes, and working with property owners who choose to keep their properties out of the public record. Examples of how students have used the HABS collection, particularly in their thesis research, reinforce our program's reciprocal relationship with the collection.

**Amalia Leifeste** is an associate professor for Clemson University's Graduate Program in Historic Preservation, in Charleston, SC. She is an architect and brings that disciplinary background, as well as educational training in sustainable design and historic preservation, to the rich medley of faculty in the graduate program. Amalia's research agenda revolves around fostering a sustainable building culture and sees preservation practice as essential to any serious view of sustainability. In research and through her teaching role she is interested in how we educate practitioners, and how place fosters group identity. She shares with her students the challenge of defining how much and what kind of change can keep buildings useful for current needs without erasing essential touchstones of meaning for people who care about their historic places.

# SPEAKERS

## NAN R. GUTTERMAN, FAIA, FAPT

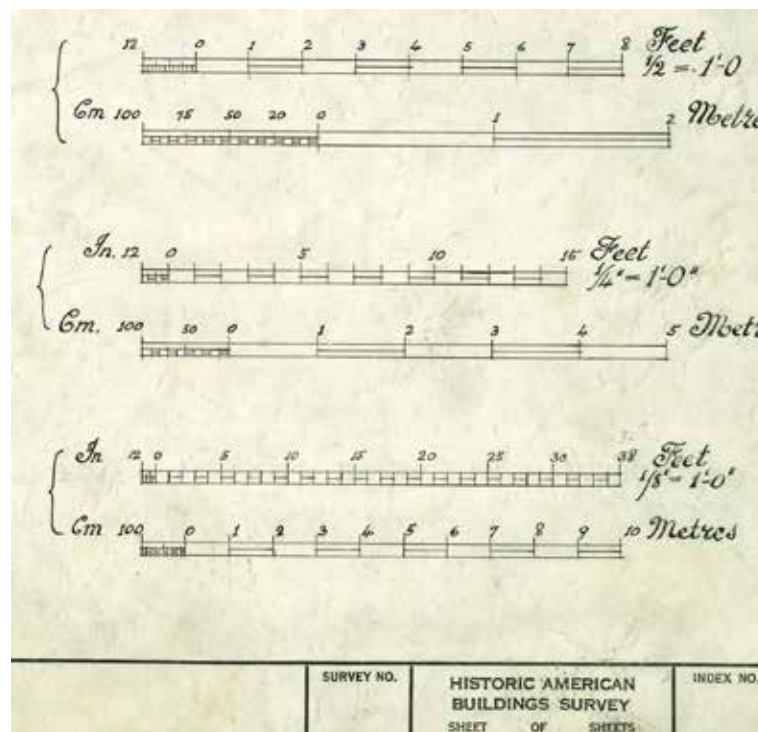
November 11 at 11:00am

### HABS drawings as the Basis of Design for an Architect: The Renovation of the Burlington County Courthouse, the Historic Lazaretto and the Burlington County Prison



Nan Gutterman will discuss the use of HABS documentation as the starting point for the architect's base plans. Her talk will feature three of these: the 1796 Burlington County Olde Courthouse, renovated in 1992, the 1811 Burlington County Prison by architect Robert Mills, renovated into a Prison Museum in 2002, and the 1799 Historic Lazaretto, a yellow-fever hospital with was saved and renovated into offices for Tinicum Township in 2019.

**Nan R. Gutterman**, FAIA, FAPT is an associate and project manager at VITETTA, Architects and Engineers, a Philadelphia-based firm. She has a Bachelor of Science degree in architecture from the University of Virginia and a Master of Architecture from the University of Michigan where her field of study was historic preservation. During her almost 35 years at VITETTA, she has worked on many of the National Historic Landmarks in Philadelphia including Philadelphia City Hall, the Academy of Music and the Reading Terminal Trainshed, now part of the Pennsylvania Convention Center.



# SPEAKERS



## **WILLIE GRAHAM**

November 11 at 1:30pm

### **Colonial Williamsburg Foundation and the Historic American Buildings Survey: Guardians of America's Architectural Legacy**

The partnership between Colonial Williamsburg (CWF) and the Historic American Buildings Survey (HABS) has played a crucial role in shaping our comprehension of American architectural heritage. CWF has championed fieldwork as a cornerstone of Williamsburg's restoration and was an early advocate for creating a national recording program.

This presentation explores the enduring collaboration between CWF and HABS, tracing the speaker's personal journey from a summer project with HABS to his eventual role leading CWF's restoration efforts. Drawing on firsthand knowledge, the speaker illuminates how interactions with HABS professionals have not only influenced his own professional development but have also left a lasting impact on the broader field of preservation.

CWF's unwavering dedication to field investigations has both enriched the interpretation of the historic town and has paved the way for the reconstruction of missing structures, meticulously restoring the landscape to its pre-Revolutionary state. Field recording has remained a central tenet of CWF's efforts, enriching the understanding of their building inventory, enhancing public interpretation, and serving as the bedrock of their reconstruction endeavors. This dynamic partnership between CWF and HABS stands as a testament to the enduring significance of architectural fieldwork in safeguarding and disseminating our nation's rich architectural legacy.

**Willie Graham** is an accomplished independent scholar with expertise in the research, design, administration, and interpretation of traditional buildings, archaeological sites, and museums across America, the British Caribbean, Bermuda, and England. His specialization lies in the comprehensive analysis, documentation, restoration, and reconstruction of historic buildings and landscapes.

A summer internship at the Historic American Buildings Survey eventually led to a staff position while pursuing an architectural degree at the University of Maryland. From there, Willie embarked on a 37-year career with the Colonial Williamsburg Foundation, where he served as their curator of architecture. During his tenure, Willie oversaw architectural projects within the Historic Area, including the notable reconstructions of Charlton's Coffeehouse, the Market House, the Peyton Randolph outbuilding complex, and the restoration of iconic structures such as the Wythe House, Brush Everard House, and the Courthouse. While there, he worked to establish industry standards in architectural practices such as paint analysis, tree-ring dating, and mortar analysis.

Willie's contributions to the field are evident in his written works on vernacular architecture. Notably, he authored four influential essays in the book "The Chesapeake House: Architectural Investigations by Colonial Williamsburg," edited by Cary Carson and Carl Lounsbury.

# SPEAKERS

## MARIO SANTANA QUINTERO, FAPT

November 11 at 2:00pm

### Digitally Capturing Historic Buildings for Posterity and Conservation: Opportunities and Challenges in an Emerging Field



This lecture addresses the need for a robust ethical commitment for heritage recording professionals to appropriately document historic places for their conservation and posterity, building on firsthand academic and professional practices worldwide. It will also provide an overview of the potential opportunities and threats technology presents for heritage places. The current application of digital workflows to understanding, promoting and conserving heritage sites involves many technical challenges and should be governed by strict ethical protocols. Recording involves capturing or mapping the physical character-defining elements that express the significance of heritage sites.

Usually, the outcome of this work is to create the cornerstone information necessary for the conservation of the site, whether it is used directly for site maintenance or to ensure a posterity record in case of destruction. The records produced will guide the decision-making process at different levels by property owners, site managers, public officials, and conservators, as well as presenting historical knowledge and the site's heritage values. Rigorous documentation may also serve a broader purpose: over time, it becomes the primary means by which scholars and the public apprehend a site that has since changed radically or disappeared.

**Professor Mario Santana Quintero, FAPT**, has contributed to conserving precious world heritage sites worldwide thanks to his innovative digital documentation methods. He is cross-appointed in the Department of Civil and Environmental Engineering, the Azrieli School of Architecture & Urbanism, and the Immersive Media Studio Lab (CIMS) at Carleton University. Besides his academic work in Canada, he has served as the immediate past Secretary-General of the International Council of Monuments and Sites (ICOMOS), and he is an Honorary President of the ICOMOS Scientific Committee on Heritage Documentation (CIPA). He has collaborated on several international projects in heritage documentation for The Getty Conservation Institute and UNESCO, among others. In recent years, he was awarded a Doctorate Honoris Causa from the University of Liege (Belgium).

# SPEAKERS

## PAUL DAVIDSON

November 11 at 2:45pm

### The Historic American Buildings Survey: Assessing Advanced Technologies in Building Documentation



While the mission of the HABS has remained virtually unchanged for 90 years, our mandate to produce documentation of the highest quality continually puts us at the forefront of technological experimentation. HABS has a long history of testing and adopting a variety of technologies such as transits, theodolites, film photogrammetry, and computer-aided drawing. These technologies were used in conjunction with more traditional hand-measuring techniques to assist with the production of measured drawings.

More recently, a host of digital measuring devices have been developed, such as Digital Photogrammetry and Laser Scanning. These technologies not only claim to eliminate the need for the traditional hands-on approach, but also call into question the need for measured drawings at all. However, unlike traditional survey, Laser Scanning and Photogrammetry lack universal standards for data collection, processing and archiving. This has been compounded by an expansion of the user base for these instruments beyond survey professionals, who may not understand the underlying principles for data collection or error control.

This presentation will provide an overview of HABS' evaluating these technologies over the past 15 years, as well as the evolution of our survey practices and standards. It will also address the key shortcomings of the technology including accuracy, resolution, metadata and archiving standards as well as discuss our development of quality assessment and quality control procedures.

**Paul Davidson** is an architect for the Historic American Buildings Survey (HABS) at the National Park Service. He has 21 years of experience documenting historic structures throughout the country with HABS. His projects utilize hand-measuring, 3D Laser Scanning, Photogrammetry, Total Station / GPS and High Dynamic Range Panoramic Photography to produce archival records of historic structures. Paul holds a Bachelor of Architecture and Certificate of Preservation from Pratt Institute, with extensive formal training in Remote Sensing and Civil Survey. His notable projects include; Ghazni Towers in Afghanistan, The Statue of Liberty and Ellis Island in New York, Cape Hatteras Lighthouse in North Carolina, Alcatraz Island in California and Fort Jefferson in Florida.

# WINNERS

## THE CHARLES E. PETERSON PRIZE

A student competition of measured drawings, the Charles E. Peterson Prize is presented jointly by the Heritage Documentation Programs (Historic American Buildings Survey/Historic American Engineering Record / Historic American Landscapes Survey) of the National Park Service, the Athenaeum of Philadelphia, the American Institute of Architects, and the Association for Preservation Technology. The annual competition, currently in its 40th year, honors Charles E. Peterson, FAIA (1906-2004), a founder of the HABS program. It is intended to heighten awareness about historic buildings in the United States and to augment the HABS/HAER/HALS Collection of measured drawings at the Library of Congress. In addition to generating over 7,200 sheets of drawings for the collection to date, the competition presents awards totaling \$21,000 to the winning student teams. Drawings must be of a site that has not been recorded by HABS, HAER, or HALS through measured drawings, or be an addendum to an existing set of HABS, HAER, or HALS drawings that makes a substantial contribution to the understanding of the significance of the building, structure, or cultural landscape.

Jurors for the 2023 Charles E. Peterson Prize Competition were Bruce Laverty, Curator of Architecture at the Athenaeum of Philadelphia, representing the Athenaeum of Philadelphia; Jennie Gwin, AIA, Principal, Beyer Blinder Belle Architects & Planners, representing the American Institute of Architects; and Mark Schara, AIA, HABS Architect, representing the National Park Service



## FIRST PLACE AWARD: \$10,000

**Project:** Jefferson Helm House, Rushville vicinity, IN (HABS IN-75)

**Program:** Ball State University, Graduate Program in Historic Preservation

**Instructor:** Jonathan Spodek, FAIA

**Student Team:** Savannah Barnhart, Amy Davis, Zoe Lawton, Dakshata Shahi, Laurel Tobin

# WINNERS

## **SECOND PLACE AWARD: \$5,000**

**Project:** Taliesin West, Garden Room, Scottsdale, AZ (HABS AZ-218-G)

**Program:** University of Texas at San Antonio, School of Architecture

**Instructor:** Sue Ann Pemberton, FAIA

**Student Team:** Samuel Alvarez, Taejoo Jeon, Isaac Knott, Jazmyne Knox, Benjamin Lee, Doug Long, Arthur Longoria, Francisco Loreda, Mark Morin, Adam Perez, Erin Ramirez, Karina Rosales, Ashley Vasquez, Crystal Wright, Xu Zhao

## **THIRD PLACE AWARD (tie): \$3,000**

**Project:** Coral Gables Congregational Church, Coral Gables FL (HABS FL-376)

**Program:** University of Miami, School of Architecture

**Instructor:** Ricardo Lopez

**Student Team:** Naser Alkandari, Mohammad Alramadan, Fahad Alzaid, Gray Burke, Sacha Braggs, Andrea Camere, Zachary Cronin, Alexis Ebue, Mariana Fleites, Gianell Gonzalez, Tais Hamilton, Dominic Lanctot, Quan Le, Grace Levey, Erika Orellana, Kayla Rembold, Peiyang Sang, Yara Quteineh, Kiera Tucker, April Vasquez, Leanne Vera

## **THIRD PLACE AWARD (tie): \$3,000**

**Project:** St. James Protestant Episcopal Church, Goose Creek, SC (HABS SC-79)

**Program:** Clemson University, Graduate Program in Historic Preservation

**Instructor:** Amalia Leifeste, AIA

**Student Team:** Megan Adornetto, Caroline Byrne, Deryn Candelaria, Lyrik Castro-Bailey, Chris Cone, Claire Cox, Rachel Fore, Sarah Gaston, Winter Hein, Jacob Hockenberry, Chloe Martin, Paige Regna, Gabriella Rowsam, Brianna Schmidt, Hannah St. Onge, Jack Sutton