

2021 APT Student Scholars

Ifrah Asif

University of Pennsylvania

Impacts of Climate Change on Traditional Masonry Construction: A Case Study of the Sheesh Mahal Complex, Lahore Fort, Pakistan

Eliza Blackman

University of Texas at Austin

"The Picnic Fever": Preserving Historic CCC-Era Recreational and Picnic Areas, Concrete Furniture, and Equipment in Zilker Metropolitan Park

Ilil Feiglin

University of Pennsylvania

Data-based urban heritage policy assessment: Evaluating Tel Aviv's Preservation Plan

Michael Gutland

Carleton University

Hygrothermal modelling of rubble core masonry walls accounting for deterioration.

Renee Halle

Carleton University

Understanding the use of linseed oil paint systems in the context of heritage conservation

Elyse Hamp

Carleton University

Revisiting the H-Plan: A Seismic Analysis of Unreinforced Masonry Structures with Plan Irregularities

Georgette Harun

York University

Efficiency of Code Compliant Alterations for Emergency Egress in Historic Buildings

Kathryn Luu

Savannah College of Art and Design

Cultural Place(re)making

Catherine McBain

Carleton University

CONCRETE IN CANADA'S NATIONAL CAPITAL: From Technological Innovation to Sustainable Rehabilitation

Luke McElcheran

Carleton University

Heritage Trades Skills in the Culture Economy: re-evaluating heritage advocacy in Toronto, Canada

William Pepi

Rensselaer Polytechnic Institute

Energy Efficiency and Air Quality Applications of a Novel Building Material: Moss

Khushi Shah

CEPT UNIVERSITY

Investigative Approach for the Restoration Design of Traditional Pol House of India.

Natalie Smith

Carleton University

Preserving by Understanding: Evaluation of Historic Wood Structures

Meris Westberg

University of Pennsylvania

Flood Barriers: Overcoming Behavioral Bias and Improving Flood Preparedness at Cultural Heritage Sites

Alexandra Wysopal

University of Texas at Austin

Assessing the Damage: how scanning electron microscopy can aid in the examination of fire-damaged stained glass

2020 APT Student Scholars**Barbara Cortizo de Aguiar**

School of Architecture, The University of Texas at Austin

Building, People, and Landscape: Invention of National Heritages in the Americas

Trey Asner

University of Florida

Origins, Development, and Preservation of Shell Based Construction in St. Augustine, Florida

Joseph Bacci

University of Pennsylvania

Effects of Fire and Water on Historic and Replacement Mortars

Héctor Berdecía Hernández

University of Pennsylvania, Graduate Program in Historic Preservation

Naked Beauty: A Conservation Assessment of the Exterior Concrete of Henry Klumb's Parroquia Nuestra Señora del Carmen in Cataño, Puerto Rico

Jada Chabala

Savannah College of Art and Design

The Impacts of Heritage Tourism on Sense of Place in a Rural Environment

Jeremy Ebersole

University of Oregon

A Sight to Dwell Upon and Never Forget: Illuminating Strategies for Saving Neon Signs

Amanda Foote

University of Calgary

Reconciliation? Restoration and Preservation of an Alberta Historic Church

Kimberly La Porte

University of Pennsylvania

The Brooklyn Navy Yard: A Mission-Oriented Model of Industrial Heritage Reuse

Julie Lee

Savannah College of Art and Design

St. Louis' Old Courthouse - Topics of Interpretation, Diversity, and Inclusivity

Ryan Macchiarelli

Penn State University

An Investigation into Nineteenth-century Methods for Graphical Analysis of Arches, Trusses, and Girders

Catherine McBain

Carleton University

Treatments of Intervention for Maintaining Spatial Lighting Qualities: Bormann House Case Study

Seo Jun Oh

Columbia University

Comparative Laboratory Evaluation of Natural Hydraulic Lime Mortars

Abigail Poe

Northwestern State University of Louisiana

The Effects of Herbicides on Historic Stone and Masonry Materials as an Alternative to Glyphosate and Garlon

Shelby Schrank

University of Massachusetts Amherst

Brutalism and the Public University: Integrating Conservation into Comprehensive Campus Planning

Natalie Smith

Carleton University

Structural Assessment of a Historic Wood Frame Barn

Kelsey Williamson

The University of Texas at San Antonio

In Situ Assessment of Superficial Moisture Content in Façades of a UNESCO World Heritage Church Using Electrical Resistance Measuring (ERM). The Impact of the HVAC System.

Qian Xu

Columbia University

Augmented Reality: The Altar and Acqua Alta

2019 APT Student Scholars

Ben Baaske

Center for Heritage Conservation / Texas A&M University
Creating a digital record of mid-century modern architecture: Documentation of the Teague
Research Center at Texas A&M University

Daniel Castele

University of Cincinnati
A Systematic Review of Wall Insulation Retrofit Guidelines and Practices in Historic Buildings in
North America

Caroline Dickensheets

University of Pennsylvania
Performance Evaluation of Amended Earthen Mortars at Wupatki National Monument

Kristian Falkjar

Carleton University
The effects of casein protein additive in historic lime mortar

Allison Fricke

Columbia University
Beyond Aesthetics: Social Outcomes of Adaptive Reuse

Anna Magdalena Hubmann

University of Alberta
Emergence of synthetic binders and pigments in building materials and their identification using
the example of two Ukrainian settlement vernacular wood houses in East-Central Alberta

Larissa Ide

Carleton University
Residential Heritage: Deep Energy Retrofit Analysis Case Study and Methodology

Rob Kesack

Columbia University
Analyzing Digital Photogrammetry for Heritage Preservation

Karen Kincaid Brady

University of Texas at Austin
Preservation Moon: Defining and Preserving the Cultural Landscape of Tranquility Base

Wei (Melissa) Luo

University of Pennsylvania School of Design
Evaluation of Comparative Repair Methods for Stone

Justin Lynch

University of Pennsylvania
Soft Reds and Hard Tans: Creating an Index of Vulnerability for Nineteenth-Century New
Orleans Brick

Miriam Martinez

University of Cincinnati

In situ U-value monitoring of historic building walls in Cincinnati's Over-the-Rhine neighborhood

Magdalena Novoa

University of Texas at Austin

Heritage making in post-Industrial landscapes: Legitimizing working-class narratives in Lota, Chile

Nitisha Parajuli

Southern Illinois University Edwardsville

Retrofitting of concrete encased beam-column connection of an old historic building using fiber reinforced polymer (FRP)

Adrian Soble

Carleton University

Indoor Environmental Quality and Energy in Built Heritage: Holistic Retrofit Performance Prediction Methodology

Daniela Werneck

University of Brasilia

Use of microclimate simulation to assess the environmental vulnerabilities of modern heritage

Caroline Wilson

Savannah College of Art and Design

Gentrification and Preservation: Does One Follow the Other?

Kristine Ziedina

University of Florida

Screen Block and the Mid-Century Built Environment of Florida

2018 APT Student Scholars

Allison Arlotta

Columbia University

Heritage and Material Reuse: The Reciprocal Relationship Between Preservation and Waste Reduction Heritage and Material Reuse

Ethan Boote

Columbia University

Policy Informs Practice: Promoting Operating Energy Efficiency in Historic Buildings Through Local Regulation Refinement

Maanvi Chawla

University of Florida

What is Ocala block?

Ashley Danielson

Ball State University

Preservation Through Digitization: Using Photogrammetry as a Tool for Replicating Building Components

Brittany Foley

Tulane University

High-performance retrofits of Mid-Century Curtain Wall: A case study analysis of opportunities to enhance thermal performance using low-impact, reversible solutions.

Nicole Frank

The School of the Art Institute of Chicago

Mid-Century Glass Block: The Colored, Patterned, and Textured Era

Michael Gutland

Carleton University

Integrated Hygrothermal and Energy Modelling Methodologies for Heritage Buildings in Cold Climates

Katherine Hill

University of Texas at Austin

What does it mean to preserve a historic technology? Exploring revitalization, interpretation and adaptation at historic hydropower sites.

Manogna Kavuru

Texas A&M University

Holistic approach to a Preservation Project - Traverse chemical injection factory, Izmit, Turkey.

Lori Martin

The University of Texas at Austin

Mid-Century Modern Residence as Historic House – The Acme Ceramic Housing Project

Tina McCarthy

Boston Architectural College

Deconstructing the culture of demolition: Exploring deconstruction as a preservation strategy

Evan Oskierko-Jeznacki

University of Pennsylvania Graduate School of Design Department of Historic Preservation

An Alternative Technique for Low-Cost, Non-Destructive Moisture Monitoring in Adobe Walls using Embedded RFID Technology

Micaela Skoknic Dockendorff

Pratt Institute

Em)Powering Heritage

Hajo Spaethe

University of Alberta (Canada) & University of Freiburg (Germany)

Comparative Performance Evaluation of Coatings on Common Albertan Wood Species

Sara Stratte

University of Pennsylvania

Evaluating the Deterioration of Historic Cement Stucco Using Traditional Condition Assessment and Digital Analyses

2017 APT Student Scholars

Grigor Angjeliu

Politecnico di Milano

A parametric model for ribbed masonry vaults and the development of structural simulations

Olivier Anterrieu

INRS

Non-destructive testing applied to the auscultation of ancient buildings and cultural heritage

Silvia Callegari

University of Pennsylvania

Rethinking Preservation at Fort Union National Monument

Kathleen Conti

University of Texas at Austin

Improving Sustainability in Cultural Landscapes with Ecosystem Services'

Nicole Declet

University of Pennsylvania

Testing and Evaluation of Soil Based Grouts for the Adhesion of Consolidated and Un-Consolidated Painted Lime Plaster at the Mission San José de Tumacácori

Amelia DeCoster

Savannah College of Art and Design

Understanding the Small-Town American Opera House: West Virginia's Diminishing Community Cruxes and Culture

Lucie Fusade

University of Oxford, School of Geography and the Environment

Designing and evaluating repointing mortar mixes for highly exposed and damp historic buildings (church towers) in South-West England

Crystal Hanley

Jan Hird Pokorny Associates, Inc.

Evaluating and Re-Articulating Industrial Abandonment in the Historic Urban Landscape of Santiago de Cuba

Nina Jean-Louis

Pratt Institute

The Integration of Heritage Conservation and Flood Mitigation Protection

Lucy Midelfort

The University of Pennsylvania

An Examination and Condition Assessment of Robert Chanler's Pool Grotto Ceiling Mural at Vizcaya, Miami

Scott Orr

University of Oxford

'Wet walls': developing non-destructive multi-sensor moisture monitoring methodologies for stone masonry

Evan Oxland

University of Pennsylvania

Conservation assessment and experimental mechanical pinning treatment of petrified sequoia wood stumps at Florissant Fossil Beds National Monument

Mark Perdiguerra

Cal Poly Pomona

Sustainable Preservation of America's Historic Post Offices

Kelsey Riddle

University of Texas at Austin

Music Cities: Austin's Red River Cultural District, Nashville's Music Row, and the Pursuit of Cultural Authenticity

Aleen Stanton

University of York, UK

Creating a Culture of Craftsmanship: Studying the Family Boatbuilding Movement

Meredith Stewart

School of the Art Institute of Chicago

Preserving Canada's First Subway Line: Vitrolite and the TTC

Jon Weller

University of Calgary

Digital Documentation and Modelling for the Cultural Landscape

Hilary Wyatt

Welsh School of Architecture, Cardiff University

Climate Change, Coastal Engineering and the Conservation of Small-Scale Historic Harbours on the Cornish Coast.

2016 APT Student Scholars**John Arnold**

Michigan Technological University

Persistent Infrastructure: Vernacular Preservation of the Postindustrial Landscape

Allyson Bradford

Cal Poly Pomona

A Layered Approach to the Documentation of Historic Resources

Rachelle Byarlay

University of Oregon

Glue-Laminated Timber in the Pacific Coast of the United States: Its Developments, Deterioration, and Preservation Methods

Brian Cooley

Cornell University

Challenges in the Preservation of Masonry Bricolage

Carly Farmer

Carleton University

Applications of OSCAR: Case studies from the classroom and workplace

Jean Jang

University of Pennsylvania

Performance Evaluation of Nanolime as a Consolidant for Friable Lime-Based Plaster

Paula Jarrett Nasta

University of Texas at Austin, School of Architecture

Natural Hair Binders in Historic Texas Vernacular Mortars

Vishal Joshi

University of Texas at Austin, School of Architecture

Preserving Nepalese Heritage

Andrew Leith

University of Texas at Austin, Historic Preservation

A Preservation in Ruins: The current crisis in ruins preservation requires decisive action. We must begin by creating a set of metrics to aid in determining which ruins to preserve and why

Evan Oskierko-Jeznacki

University of Pennsylvania

A Computational Simulation Methodology for Reconstructing and Analyzing the Environmental Behavior of Naturally Ventilated Historic Structures and the Role of Adaptive Comfort Strategies in Preservation Design

Kristin Potterton

University of York

Managing the Industrial Ruin in the National Park Context: An Assessment of the Preservation and Conservation Process

Caroline Raftery

Columbia University GSAPP

The Preservation of the Bungalow Courts of Hollywood, California

Echo Uribe

Goucher College

With Soft-Woven Spanish Names: Assessing Historic Preservation Programs In South Texas Border Towns

Casey Weisdock

University of Pennsylvania

Performance Based Evaluation of Select Salt Crystallization Inhibitors As a Means to Mitigate Salt Damage in Architectural Terracotta

Sarah Yoon

Columbia University

Cladding the Mid-Century Modern: Thin stone veneer-faced precast concrete

2015 APT Student Scholars**Namhyuck Ahn, LEED Green Associate**

University of Texas at Austin

Energy Retrofit of Historic Masonry Structures

Sara Alinia, S.M.A.S.C.E.

Southern Illinois University Edwardsville

Suitability of Techniques of FRP Retrofit for Historic URM Buildings

Jocelyn Chan

University of Pennsylvania

An Investigation of the Painted Finishes of Mission San José De Tumacácori Façade: At the Interface of Materials Analysis, Conservation, and Cultural Confluence

Kat Gardner

Columbia University, Graduate School of Architecture Planning & Preservation

A Bitter Truth: The Efficacy of Astringent Persimmon As a Bio-Alternative to Standard Wood Preservation Treatments

Suki Gershenthorn

Columbia University

History and Material Investigation of Rustic Ferrocement Sculptures

Erin Gibbs

School of the Art Institute of Chicago

A Fight Against Nature: Preserving the Temples at Omrit

Joshua Jones

Savannah College of Art and Design

Emerging Technology for Preservationists: Drones

Sujin Kim

University of Florida

3D Documentation for the Management of Heritage Sites Prone to Water Damage: Laser Scanning and Mesh Modeling the Built Heritage and Contexts of Wat Chaiwatthanaram, Thailand and Shwe-Nandaw Kyaung, Myanmar

Sarah Love

Georgia State University

Geophysics in Historic Preservation: A Convergence of Subfields

Courtney Magill

The University of Pennsylvania
Performance Assessment and Evaluation of Hydrophobic and Ultraviolet Protective Treatments
for Historic Log Structures

Corey Manchenton

Columbia University
Color Me Interested: Identification of Pigments in Trade Catalogues

Sloane Taliaferro

Columbia University Graduate School of Architecture, Planning, and Preservation
Documentation and Testing of 19th Century Limewash Recipes in the United States

Christopher Whitman B.Arch (Hons), Dip.Arch

Welsh School of Architecture, Cardiff University
In Situ Thermal Resistance Monitoring of Traditional and Modern Infill Panels of a 15th Century
Cruck-Framed Dwelling, in Herefordshire UK

Julianne Wiesner-Chianese

School of Design, University of Pennsylvania
Modern in the Mountains: An Analysis of the Structural and Decorative Concrete at Jackson
Lake Lodge, Grand Teton National Park, WY

2014 APT Student Scholars**Allison Asbrock**

Savannah College of Art and Design
From Temporary to Permanent: A Case Study of the Restoration of the Nashville Parthenon

Emily Barr

Columbia University
Pressing Issues: In-Kind Terra Cotta Replacement in the 21st Century

Marni Epstein

Goucher College
The Preservation of America's Baseball Parks

Ethan Gormbley

Goucher College
Preservation and Demographic Changes in the 21st Century

Joshua Jones

Savannah College of Art and Design
Bronze Patina: Issues in Preservation

Carl Klein

Savannah College of Art and Design
Protecting Coffers with the Right Kind of Conservation

Carolina Manrique

Texas A&M University
Resilience in Heritage Conservation and Heritage Tourism

Mardita Murphy

UNC Greensboro
Gilt Beneath the Ground: Geothermal Technology & Historic Preservation

Karla Penna

Curtin University
A Critical Auto/Ethnographic Study of Socio-Cultural Influences on Cultural-Heritage
Preservation Education of World Heritage Sites in the Context of North-Eastern Brazil

Jennifer Pont

Columbia University
The Comparative Analysis of Biological Growth and Commercial Cleaners Based on Organism
Identification and Biological Mechanisms

Cynthia Rothwell

Savannah College of Art and Design
Marble Sculpture and a Case Study of Michelangelo's Statue of David

Beata Sasinska

Columbia University
Fire-Damaged Stone: The Effects of Heat, Flame, and Quenching

Karen Stone

Columbia University
Sheet Scaling: Intrinsic and Extrinsic Factors Present in Mohegan Granite

Cristina Ureche-Trifu

Carleton University
Water Management Systems and Historic Buildings

Shannon Walsh

Savannah College of Art and Design
The Conservation and Reuse of Architectural Fragments

Amanda Webb

Dept of Arch Engineering, The Pennsylvania State University
Assessing Thermal Comfort in Historic Structures: A Case Study of Penn State's Old Botany
Building

Joanna Wilford

University of Georgia
Characterizing the Weathering of Angkor Sandstone from Kulen Mountain, Cambodia

2013 APT Student Scholars

John Arnold, AIA

JDM Arnold, Architect AIA

Exploring the Utility of BIM in the Archaeology of Standing Structures

Julia Ausloos

University of Colorado Denver - Center of Preservation Research

Preserving a Historic Pastime in the Midst of Change At Union Station

Rachel Cusimano, LEED GA

University of Utah School of Architecture

Climate Change: An Increasing Challenge in Stone Material Conservation

Caroline Engel, MSc. Arch Cons, PhD Arch Candidate

University of Edinburgh

The Heritage Value of Welfare State Architecture in the United Kingdom and Its Suitability to Modern Needs

Ann Horowitz

Goucher College

Protecting Historic Districts From Sea Level Rise

Meghan Kleon, LEED AP

The University of Texas at Austin

Sustainable Preservation: Mapping An Emerging Discipline

Miriam Orsini

University College London

The Writing's On the Wall: Changing Attitudes Towards Graffiti and Conservation

Mayank Patel

Columbia University

Impact of Mineralogy, Texture and Fabric of the Maritime Canadian Sandstone On Deterioration of Ornamental Bridges in Central Park, NYC

Sophie Reich

Savannah College of Art and Design

Rust-Oration: Preserving the Significance of Deindustrialization and Decay in Rust Belt Cities

Jeremy Robbins

University of Massachusetts at Amherst

Shaker Industry: Powered By Water

Jon Sargent

Savannah College of Art and Design

The Guaranty Building: The Restoration of a Terra Cotta Landmark

Emily Sinitski

Columbia University

Polychlorinated Biphenyl (PCBs): A New Hazard for Historic Buildings

Jiyoon Song

Cornell University

The Economic Impact of the Preservation and Adaptive Reuse of Railway in the United States:
A Case of the High Line in New York City

Urmila Srinivasan

University of Texas at Austin

Determining the Fate of the Houston Skyline: Studying Change in Mid-Century Modern High-Rises

Kathryn Stephens

Savannah College of Art and Design

Coloring in the Guidelines: Development of An Exterior Paint Color Palette for Savannah's Landmark Historic District

David Trayte

Savannah College of Art and Design

Olympic Theatrics On the Global Stage: Evaluating the Effects of Temporary and Permanent Event Structures On Historic Urban Landscapes

2012 APT Student Scholars**Dawn Bilobran**

Eastern Michigan University

Deconstructing Detroit: Partnerships in Reuse and Renewal

Alison Chiu

Columbia University

The Rise of the Weep Hole: Wall Drainage During the Early 20th Century

Jason Crowley

Columbia University

Modern Living in a Historic Resource: An Investigation in Adapting Vernacular 'Freedman's Cottages' for the Twenty-First Century

Barbara Fisher

Savannah College of Art and Design

Creating A Digital Database Of Historic Resources On Wilmington Island, Georgia

Andreea Hamilton

University of Texas at Austin

Decorative Painted Ceilings at the University of Texas at Austin: A Close Collaboration Between Artist and Architect

Navid Hossaini

University of British Columbia

"Em-green" sustainability assessment framework: shifting the traditional building practice in the 21st century

John Killingsworth

University of Nebraska

The Nebraska State Capitol: A Model of Collaborative Efforts to Preserve a Midwestern Historic Landmark

Kayla Loveman

Columbia University

In Situ Deacidification of Vernacular Wallpaper

Jacquelyn Mauer

University of Utah

Exterior Insulation and Finish Systems: performance analysis

Amarantha Quintana-Morales

University of Texas at Austin

Appropriated Vernacular: Jacal Construction at the Blas Herrera Ranch

Sarah Ripple

Columbia University

The Preservation of Modern Stone Veneer Buildings: A Focus on the Fasteners and Support Systems

Myengsoo Seo (Martin Weaver Scholar)

University of Florida

Creative preservation of modern industrial facilities in South Korea: A case study of the Incheon Art Platform, South Korea

Elaine Shapiro

Massachusetts Institute of Technology

Scale Model Experiments on Unreinforced Masonry Vaults

Myriam St-Denis

Université de Montréal

“Is the registration of the León Cathedral in Nicaragua into the UNESCO’s World Heritage List a possible mission?”

Kathryn Stephens

Savannah College of Art and Design

Revisiting Restorations: Issues of Correction and Reinterpretation in the Work of Early Preservationists

2011 APT Student Scholars

Catherine Armwood

University of Nebraska-Lincoln

The Effect of Fiber Reinforced Mortar (FRM) on the Compressive and Flexural Bond Strength of Masonry

Anthony Bentivegna

The University of Texas at Austin
Extending the Service Life of Reinforced Concrete Structures Subjected to Alkali-Silica Reaction in British Columbia.

Jessica Blemker-Ferree

School of the Art Institute of Chicago
Adaptive Reuse of Land & Buildings: Community Revitalization through Urban Agriculture

Caitlin Chamberlain

Savannah College of Art and Design
The Shipwreck Graveyard of Mallows Bay-Exploring the Challenges and Benefits of Preserving Rare Maritime Antiquities

Kara Dotter

Queen's University Belfast, Belfast, County Antrim, United Kingdom
The Weathering of Conservation Mortars, and Implications for Historic Preservation

Matthew Hayes

Savannah College of Art and Design
Preserving North America's Midcentury Indoor Arenas: Case Studies of the Pacific Northwest

Justin Henderson

University of Colorado
Hurricane Preparedness Strategies for Historic Structures

Phyllis Henderson

The University of Florida
The Ancient Roman Belvedere: Distant Views of the Intangible Cultural Landscape

Roha Khalaf (Martin Weaver scholar)

University of Montreal
Policy Guidance for the Contextualization of Infill Buildings in Historic Urban Environment: A Case Study in the Arabian Gulf

Danielle Potts

School of the Art Institute of Chicago
School of the Art Institute of Chicago
Life Cycle Analysis and Life Cycle Cost Analysis

Bahareh Reza

University of British Columbia, Kelowna, Canada
Sustainability Assessment of Bridge Systems: An Emergy-based Lifecycle Analysis (EM-LCA)

Sara Rogers

University of Pennsylvania
Evaluation and Testing of Brick Dust as a Pozzolanic Additive to Mortars and Grouts for Architectural Conservation

Amy Swift

Columbia University, NY, NY

The Toxicology of Copper and the Possible Implications for Preservation

Alexandra Terpeluk

University of Texas at Austin

Preliminary Structural Assessment of Hooper Island Lighthouse

Nicole Trujillo

Pennsylvania State University

Air Coupled Impact Echo Analysis of Historic Brick Masonry

2010 APT Student Scholars

Dorn Carran

University of the West of Scotland

The Characterisation of Historic Lime Mortars with a Focus on Provenance

Christopher Ciesilski

School of the Art Institute of Chicago

What We Use to Build: Cream City Brick

Aysem Kilinc Unlu

University of Pennsylvania

Preserving industrial heritage: an inventory of industrial structures in Zonguldak

Hannah Meyer

University of Texas at Austin

The Byrne-Reed House: Layers of History Revealed through Layers of Paint

Jennifer Minner

University of Texas at Austin

Old Debate, New Considerations: Restoration of an Early Twentieth Century Texas Landscape

LaLuce Mitchell

School of the Art Institute of Chicago

History and Conservation of Early Electrical Systems in American Buildings

Matthew Seymour

School of the Art Institute of Chicago

Lightning Protection as a Historic Building Technology

Tiffani Simple

University of Pennsylvania

The Sandstone Masonry at Durham Castle: Alveolar Erosion and Possible Conservation Treatments

Catherine Smith

Columbia University

Lasers and Conservation in the United States: An Exploration of the Limited Use of Laser Technologies for Cleaning Stone

Arianthe Stettner

Goucher College

The Preservation of Barns in Routt County, Colorado

Katherine Switala Elmhurst

Temple University

Opening a Window for Preservation with Life Cycle with Life Cycle Assessment-Quantifying the Sustainability of Preservation

Kirsten Travers (Martin Weaver Student Scholar)

Winterthur/University of Delaware Program in Art Conservation

Battersea: An Interior Finishes Analysis of an 18th-century Palladian Home

Lauren Vollono

University of Pennsylvania

Rediscovering an American Master: an examination and analysis of Robert Chanler's decorative plaster ceiling in the Gertrude Whitney Studio, NY

Payal Vora

University of Texas at Austin

Trinity Episcopal Church: Evaluation of Past Preservation Treatments

2009 APT Student Scholars

Serra Akboy

Texas A&M University, College of Architecture

A Comparative Study for the Determination of Deformation Behaviors of Building Materials of Modern Architecture by the Utilization of 3D Laser Scanner and Photo Shadow Moiré Technique

Meagan Baco

Clemson University and College of Charleston

One-Way to Two-Way Street Conversions as a Preservation and Downtown Revitalization Tool: The Case Study of Upper King Street, Charleston, South Carolina

Alenya Becker

Columbia University

Frank Lloyd Wright's Experimentations in Stucco

Emily Freeman

University of Texas at Austin

A Tarnished Icon: Corrosion on Paul Cret's Tower at the University at Texas

Meredith Keller

University of Pennsylvania

The Early Phrygian Gate at Gordion, Turkey: An Investigation of Dry Stone Masonry in Seismic Regions and Recommendations for Stabilization

Alex Lim

University of Pennsylvania

Soft Capping: Bringing Sustainability to Masonry Ruins

Lindsay McCook

Columbia University

Modernism in New Orleans: The Architecture of Albert Ledner

Tara Rasheed

Columbia University

Development of Steel Cable Tensile Structures in the Post War Period

Susannah Ribstein

School of the Art Institute of Chicago

Caves for Men: The Preservation of Brutalist Interiors

Thomas Rinaldi

Columbia University

Can it Float? Preserving Modern Merchant Ships

Jennifer Schork

Columbia University

New Insights Into Dolomitic Lime Mortar

Caitlin Smith

University of Pennsylvania, School of Design

Cleaning Methods for the Removal of Limewash from Painted Plaster Surfaces: Utilizing Ion Exchange Resins on the Interior Architectural Finishes of the Capilla de Nuestra Señora del Rosario in Iglesia San José in San Juan, Puerto Rico

Noel Weidner

School of the Art Institute of Chicago

Insulation

Martin Weaver Student Scholar

Lindsay McCook was chosen from among the 13 APT Student Scholarship finalists as the Martin Weaver Student Scholar. The scholarship is not visualized as a prize for past accomplishments, but rather to support innovative and current research in the field of Historic Preservation. The grant is intended to promote the continued advancement of research and a career in historic preservation in the early stages of a young professional. Ms. McCook will use her scholarship to research Albert Ledner buildings in and around the New Orleans area.

2008 APT Student Scholars

Doug Appler

Cornell University

Poster Title: Climate as Architect: How French Colonial Residential Architecture Responded to the Elements in Canada and Greater Louisiana

Josh Bodenweiser

University of Florida

Poster Title: Conservation Strategies to Protect Historic St. Augustine, FL Neighborhood

Piotr Bojakowski

Texas A&M University

Poster Title: Conservation Aspects of the 16th-century Western Ledge Reef Wreck

Lacey Bubnash

Columbia University, Graduate School of Architecture, Planning, and Preservation

Poster Title: Conserving Dalle de Verre: New Approaches to a Modern Material

Andrea Buono

Columbia University

Poster Title: An Evaluation of Creep in Stone Adhesives

Kara Dotter

Queen's University Belfast

Poster Title: 40 Years of Conservation Mortars: Evolution and Effects

Alice Finke

University of Pennsylvania

Poster Title: Implementing Preventive Architectural Conservation: Do historic property stewards in the United States possess the tools to meet the challenge

Meisha Hunter

GSAPP, Columbia University

Poster Title: Stewardship and Sustainability of Historic Waterworks

Abby Martin

University of Washington

Poster Title: A Modern Artifact : The Nuclear Reactor Building

Maryam Rafiee Fanood

Iran University of Science and Technology (IUST)

Poster Title: The use of bacteria for stone conservation

Will Raynolds

Columbia University

Poster Title: Lessons from the Hadramaut: Recent Results of the Tarim Documentation Project

Ben Sabatini

Columbia University, New York University
Poster Title: Sicilian Stucco and Carthaginian Colors

2007 APT Student Scholars

Amelia Bagnall

Winterthur/University of Delaware Program in Art Conservation
Poster Title: Conservation Assessment and Digital Documentation of Shangri La's Damascus Room

Diannett Bataille

Universidad Politecnica de Puerto Rico
Poster Title: Por un Nuevo SanJuan

Valentina Cristini

Universidad Politecnica de Valencia (España)
Poster Title: Valencia ciudad vella: huellas de artesanía constructiva en fabricas tradicionales de ladrillo

Amila Ferron

University of Pennsylvania
Poster Title: The Consolidation of Earthen Surface Finishes: A Study of Disaggregating Plasters at Mesa Verde National Park

Tenaya Hills

University of Texas at Austin
Poster Title: Revitalizing Hacienda San Jose: An Adaptive Reuse Plan for an 18th Century Mexican Agave Farm

Kristina Kupferschmid

University of Texas at Austin
Poster Title: PIXE: Trace Element Analysis of Historic Materials

Lurita McIntosh

Columbia University
Poster Title: Ethyl Silicate as an Alternative Binder for Grout and Mortar for use with American Sandstones

Rosalía Mosqueda Avila

Universidad Autonoma Metropolitana
Poster Title: Corredor Insurgentes-Tlalpan. Reutilización de inmuebles con valor patrimonial en el centro histórico de Tlalpan

Paul Terpeluk

Savannah College of Art and Design
Poster Title: Copper Roofing Technology - Historical Evolution and Analysis

Aliya Turner

University of Pennsylvania

Poster Title: The Effects of Building Exposure on Decay

Lauren Vienne

The University of Texas at Austin

Poster Title: Cob: A Traditional Building Practice in Modern Day Use

Ege Yildirim

Ankara University, Institute of Social Sciences

Poster Title: Adapting Traditional Principles of Urban Settlement in Anatolia

Martin Weaver Student Scholarship for 2007

Tomás Roselló Jaunzarás, Universidad Politecnica de Valencia

Poster Title: Estudio de los sistemas constructivos y daños de una casa de pueblo en Torrent (Valencia)

2006 APT Student Scholars

Sara Adams

Columbia University

Poster Title: Physical and Intangible Palimpsest: Making a Case for Graffiti Preservation

You-Kyong Ahn

Texas A&M University

Poster Title: The Adaptive Reuse of Abandoned Historic Churches

Ashley Aiken

University of Pennsylvania

Poster Title: The Woodlands Mansion Framing System: Using GIS to Interpret Building Chronology

Cheryl Chidester

Eastern Michigan University

Poster Title: The Conservation and Restoration of the Section of Fine Arts Project's Art-in-Architecture

Rahnild Claesson

Royal University of College of Fine Arts, Department of Architecture, Stockholm, Sweden

Poster Title: Concrete--Aspects of Material in Conservation and Restoration

Marlise Fratinardo

University of Colorado at Denver

Poster Title: Crafted Nature: Concrete Handrails at the Parc des Buttes Chaumont

Joanna Hofmann

School of the Art Institute of Chicago

Poster Title: Blanketing the Home: The History and Evolution of Thermal Insulation as a Building Material

Melissa Huber

University of Texas at Austin

Poster Title: Staying Modern: Plan of Action for Barton Springs Bath House

Rachel Kliethermes

School of the Art Institute of Chicago

Poster Title: Overpass Architecture: Defining the Landscape of the Mid-Century and Preserving the Future

Terry Koller

Savannah College of Art and Design

Poster Title: Steel: The Modern Material Is Now Historic

Ryan Reed

Savannah College of Art and Design

Poster Title: Hot Water Radiator Systems

Beth Sullivan

Savannah College of Art and Design

Poster Title: The Restoration of Historic Neon Signs

Amy Ver Beek

Savannah College of Art and Design

Poster Title: Pigmented Structural Glass

2005 APT Student Scholars

Edgar Eusebio Ayar Alonso, Winner, Best Poster

Univeridad Autonoma Metropolitana, Mexico City

Poster Title: Casa Jesus Reyes Heroles/From Home to House of Culture

Travis Brown

Savannah College of Art and Design

Poster Title: Recreating the Beaded Joint

Ana Elizabeth Casso

Savannah College of Art and Design

Poster Title: Restoring Our Heritage through Glass

Rhonda Dunn

Texas A&M University

Poster Title: The Griot: A Computer System for Compiling, Presenting, and Analyzing Oral Histories

Megan E. Harrison

Savannah College of Art and Design

Poster Title: Conservation Methods of Cast Iron as They Apply to the Cast Iron Water Tank at the Roundhouse Railroad Museum, Savannah, Georgia

Maura Jaimes

University of Houston

Poster Title: Beauty Undercover (Facade Restoration + LEED of 1910 Skyscraper)

Aletha Lippay

Eastern Michigan University

Poster Title: Cobblestone Construction

Adrienn Mendonca

Savannah College of Art and Design

Poster Title: The Preservation of Historic Wooden Grave Markers: A Case Study of Five Wooden Grave Markers in Laurel Grove North Cemetery, Savannah, Georgia

Wendy Musumeci

Savannah College of Art and Design

Poster Title: Historic Whitewash Treatments and Contemporary Applications: A Case Study at the Roundhouse Museum in Savannah, Georgia

Mathieu Payette-Hamelin

Université de Montréal

Poster Title: Insertions Résidentielles et Préoccupations Patrimoniales: Le Cas du Sault-au-Récollet

Alene Reich

Texas A&M University

Poster Title: Technology, Time, and Chaos: The Excavation of Ostia Antica

Gregory Santino

Merrimack College

Poster Title: Proposed Relocation of World War I Army Barracks for the Devens Historical Museum

Cassandra Smith

Columbia University

Poster Title: Completing the Story: Heritage Conservation of the Fulton Fish Market, NYC

Leora C. Studholme

Savannah College of Art and Design

Poster Title: Understanding Architectural Cast and Wrought Iron: Deterioration, Cleaning, and Protection

Nan Taylor

Savannah College of Art and Design

Poster Title: A Companion of Paint Conservation Techniques at the Owens-Thomas House of Savannah, Georgia

Hui Wang

University of Bath, England

Poster Title: A Multi-hazard Approach in Assessing the Vulnerability of a Historic Building

2004 APT Student Scholars

Fatima M. Al-Nammari

Texas A&M University

Poster Title: Disaster Recovery Management for Historic Buildings

Nancy Crowley

Texas A&M University

Poster Title: Heritage Conservation of the Vernacular Construction of Mission San Jose y San Miguel de Aguayo in San Antonio

Brad Dameron

Ball State University

Poster Title: Development of a Condition Assessment and Monitoring Plan for Palazzo Scotti

Patricia Davenport

Savannah School of Art and Design

Poster Title: Sod Houses of the American Frontier

Kara Dotter

University of Texas at Austin

Poster Title: Early 20th Century Prison Technology

Fatima Mehdizadeh-Saradj

University of Sheffield

Poster Title: Overview of Damage and Strengthening of Earthquakes to Unreinforced Masonry

Tricia Nault

Eastern Michigan University

Poster Title: Developing Standards for the Application and Installation of Protective Glazing on Stained Glass Windows

Trevor Taylor

Algonquin College

Poster Title: A Practical and Illustrated Guide to Identifying the Materials, Components, and Joinery Used in Traditional Wrought Iron

Dan Zhou

Texas Tech University

Poster Title: George Washington's Tent

2003 APT Student Scholars

Jane A. Barrett

University of Utah, Graduate School of Architecture

Poster Title: Historic Log Structures: Grand Teton National Park

Shannon Mical Sardell Bell

University of Oregon, Graduate Program in Historic Preservation

Poster Title: Preserving Historic Plank Construction Technologies in the Pacific Northwest

Isabelle Brosseau

University of Montreal, Graduate Program in Conservation of the Built Environment

Poster Title: History of the Reinforced Concrete in Montreal through Two Case Studies

Jennifer Cappeto

University of Pennsylvania, Graduate Program in Historic Preservation

Poster Title: Improved Salt Removal by Poulticing through the Use of Surfactants

Rex A. Cyphers

West Virginia University, Department of Civil & Environmental Engineering

Poster Title: Preserving Historic Covered Bridges Using GFRP's

Eloise B. Eilert

Texas A&M University, Graduate Program in Nautical Archeology

Poster Title: Organic Artifact Conservation Using Passivation Polymers

Rachel Force

University of Oregon, Graduate Program in Historic Preservation

Poster Title: Cast Stone Decorative Panels: Preservation Strategies

Gina Garcia

University of Montreal, Graduate Program in Conservation of the Built Environment

Poster Title: Wall-Painting Conservation at the Chateau Dufresne

Anne Maletta

Columbia University, Graduate Program in Historic Preservation

Poster Title: Brimstone Hill Fortress

Michael Nagykerly

Columbia University, Graduate Program in Historic Preservation

Poster Title: Preservation of Lighthouse Optical Systems

Carolyn A. Nelson

Eastern Michigan University, Graduate Program in Historic Preservation

Poster Title: Maritime Digital Archives

Todd Michael Ravesloot

Ball State University, Graduate Program in Historic Preservation

Poster Title: Adobe: Deterioration and Preservation

Beth Schwindt

School of the Art Institute of Chicago, Graduate Program in Historic Preservation

Poster Title: Porcelain Enamel: A History

Carrie E. Sowden

Texas A&M University, Graduate Program in Anthropology

Poster Title: Gold! So What!

Michelle Sponseller

Eastern Michigan University, Graduate Program in Historic Preservation

Poster Title: Conservation of a War of 1812 Cannon: A Hands-on Maritime Case Study