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

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  

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 Gershenhorn  
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  
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 Hom

**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

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 San Juan

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

Rosalia Mosqueda Avila
Universidad Autonoma Metropolitana
Poster Title: Corredor Insurgentes-Tlapan. Reutilizacion de inmuebles con valor patrimonial en el centro historico 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  
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Poster Title: Estudio de los sistemas constructivos y daños de una casa de pueblo en Torrent (Valencia)

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Columbia University  
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Ashley Aiken  
University of Pennsylvania  
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Rahnild Claesson  
Royal University of College of Fine Arts, Department of Architecture, Stockholm, Sweden  
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Savannah College of Art and Design  
Poster Title: Steel: The Modern Material Is Now Historic

Ryan Reed  
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Poster Title: Hot Water Radiator Systems

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Savannah College of Art and Design  
Poster Title: Recreating the Beaded Joint

Ana Elizabeth Casso  
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Rhonda Dunn  
Texas A&M University  
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Savannah College of Art and Design  
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Maura Jaimes  
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Adrienn Mendonca  
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