

FRANK GERARD MATERO

115 Meyerson Hall
School of Design
University of Pennsylvania
Philadelphia, PA 19104
215.898.3169
fgmatero@design.upenn.edu

EDUCATION

The Institute of Fine Arts, The Conservation Center, New York University, NY 1981-84
Graduate School of Architecture, Planning and Preservation, Columbia University, NY, MSc 1978
State University of New York, Stony Brook, anthropology/art history, BA, Magna cum laude, 1975

ACADEMIC APPOINTMENTS

University of Pennsylvania, School of Design, Department of Architecture, Graduate Program in Historic Preservation, Philadelphia, Pennsylvania

Professor of Architecture, 2004-present
Chairman, Graduate Program in Historic Preservation, 1996-2009
Research Associate, University of Pennsylvania Museum of Archaeology & Anthropology, 1994-present
Graduate Group in Art History, University of Pennsylvania, 1994-present
Director, The Architectural Conservation Laboratory, University of Pennsylvania, 1990-present
Associate Professor of Architecture, 1990-2003

Columbia University, Graduate School of Architecture, Planning and Preservation, New York, NY

Assistant Professor of Architecture, 1981-90
Director, The Center for Preservation Research, 1985-90
Lecturer, 1978-79

The International Center for the Study of Preservation and the Restoration of Cultural Property (ICCROM/UNESCO) Rome, Italy

Senior Lecturer-Architectural Conservation Program, 1988-1995

The New School of Architecture, Polytechnic University of Puerto Rico

Visiting Professor, 1998-2010

COURSES TAUGHT

Architectural Conservation Science and Lab
Theories of Historic Preservation
Architectural Surface Finishes
Masonry Conservation
Conservation of Archaeological Sites
Building Lives: The Historic Structure Report
Studio

PUBLICATIONS

Books, Published Proceedings and Technical Reports

The Conservation of Architectural Surface Finishes. The Getty Conservation Institute Readings in Conservation. Los Angeles :The Getty Conservation Institute. In preparation.

George Perkins Merrill's Stones for Building and Decoration. New York: John Wiley and Sons. In preparation.

Managing Change: Sustainable Approaches to the Conservation of the Built Environment. Co-editor (with J. Teutonico.) Los Angeles: The Getty Conservation Institute, 2003.

Conserving Buildings (and M. Weaver). New York: John Wiley and Sons, 1993.

Guide to Architectural Trade Catalogs from Avery Library, Columbia University. Frederick, Maryland: UPA Academic Editions, 1989, ed., N. A. Ross.

Chapters and Essays in Books

On Time and the Modalities of Conservation. In *Ethics and Critical Thinking in Conservation*, P. Hatchfield, ed. American Institute for Conservation, 2011.

Placemaking along the Rio Grande: A View from Kuaua (with Robert Preucel) In *Monuments, Memories, and the Archaeology of Place in Native North America*, Patricia Rubertone, ed. Left Coast Press, 2008.

Dead Space: Reclaiming New Orleans' Cities of the Dead. *VIA/Occupation*. Philadelphia: The University of Pennsylvania, 2008. In press.

The Eastern Ayyubid Wall of Cairo (with F. Siravo.) Geneva: The Aga Khan Trust for Culture, 2001.

Making archaeological sites: Conservation as interpretation of an excavated past. *Of the Past, for the Future: integrating Archaeology and Conservation*, Los Angeles: Getty Conservation Institute, 2006.

The Conservation of an Excavated Past. In *Towards Reflexive Method in Archaeology: the Example at Çatalhöyük*, Ian Hodder, ed. 71-88. McDonald Institute Monographs, BIAA Monograph 28. British Institute of Archaeology at Ankara. London: McDonald Institute, 2000.

Approaches to the Evaluation of Cleaning Techniques for Unglazed Architectural Terra Cotta. In *Proceedings of a Symposium on the History, Technology and Conservation of Architectural Ceramics, English Heritage/UK-IC 57-88*. London: James and James, 1996.

Historical Approaches to the Surface Treatment of Nineteenth Century Ironwork: The Rookery. In *Ancient and Historic Metals: Conservation and Scientific Research 197-228*. Los Angeles: The Getty Conservation Institute, 1993.

The Conservation of Earthen Archaeological Heritage: an Assessment of Recent Trends (with C. Cancino.) In *Terra 2000-Eighth International Conference on the Study and Conservation of Earthen Architecture* 11-21. London: James and James, 2002.

A Case Study of the Compatibility of Biocidal Cleaning and Consolidation in the Restoration of a Marble Statue (with P. Tudor and R. Koestler). In *Proceedings of the First Pan-American Conference on Biodeterioration*. 1990 (9 pp)

Refereed Journal Articles

"Housing the Bell: 150 Years of Exhibiting an American Icon." *Change Over Time* 2(Fall 2013):188-201.

"Terrestrial Laser Scanning: Imaging, Quantifying, and Monitoring Microscale Surface Deterioration of Stone at Heritage Sites" (with J. Kottke, J. Hinchman.) *Change Over Time* 2(Fall 2011):266-287.

"Calcium Tartrate Tetrahydrate Preconsolidation of Salt-Contaminated Limestone at Mission San José y San Miguel de Aguayo." *Journal of the American Institute for Conservation of Historic and Artistic Works* 47(Summer 2008):81-95.

"Using Analytical Techniques to Understand Historic Mortar Traditions at Cairo's Ayyubid Wall" (with Sarah Cleary Stokely.) *Proceedings of the HMC08Historical Mortars Conference, Characterization,*

- Diagnosis, Conservation, Repair and Compatibility*, 2008.
- "All Things Useful and Ornamental: A Praxis-based Model for Conservation Education." 2007 *Built Environment* 3(33):287-294.
- "Loss, Compensation and Authenticity, the Contribution of Cesare Brandi to Architectural Conservation in America." 2007 *Future Anterior* 4(1)
- "The Fallacy of Intent: 'Finishing' Frank Lloyd Wright's Guggenheim Museum." 2007 *Bulletin of the Association for Preservation Technology* 38(1):3-14.
- "Performance of Injection Adhesives for the Great Hall Ceiling at Drayton Hall, Charleston." (with J. Hinchman, and Alexander Radin) 2006. *Bulletin of the Association for Preservation Technology* 37 (2-3): 47-58.
- "Loss, Compensation and Authenticity in Architectural Conservation." 2006. *Journal of Architectural Conservation* 12(1):71-90.
- "Predicting the Past: Situating History within Rome's Orto Botanico." 2005. *Studies in the History of Gardens and Designed Landscapes* 25(2):87-102.
- "Exploring Conservation Strategies for Ancestral Puebloan Sites: Tsankawi, Bandelier National Monument, New Mexico." 2004. *Conservation and Management of Archaeological Sites* 6(2):67-84.
- "A GIS Assessment of the Great Hall Ceiling at Drayton Hall, Charleston." (with J. Hinchman, D. Tomlin, and K. Song.) 2003. *Bulletin of the Association for Preservation Technology* 24 (2-3): 25-36.
- "Survey Methodology for the Preservation of Historic Burial Grounds and Cemeteries" (with J. Peters.) 2003. *Bulletin of the Association for Preservation Technology* 24 (1-2): 36-52.
- "Managing Change: The Role of Documentation and Condition Survey at Mesa Verde National Park, Colorado, USA." *Journal of the American Institute for Conservation of Historic and Artistic Works* 42(Spring 2003):39-58.
- "Colloquium on Historic and Archaeological Mortars: Analysis and Characterization." *US/ICOMOS Scientific Journal* 2002.
- "Ethics and Policy in Conservation." *The Getty Conservation Institute Newsletter*. 2000. 15(1): 5-9. Editor, Special Issue on Protective Shelters. *Conservation and Management of Archaeological Sites*. 2001. 5(1-2):1-2.
- "Beyond Compliance: Planning Heritage Preservation for Native American Ancestral Sites." 2000. *CRM* 23(19):4-8.
- "Archaeological Site Conservation and Management: An Appraisal of Recent Trends." (with K. Fong, E. Del Bono, M. Goodman, E. Kopelson, L. McVey, J. Sloop, C. Turton) 1998. *Conservation and Management of Archaeological Sites*. 2(3):129-142.
- "A Unity of Theory and Practice" 1997. *CRM* 20(10):6-8. Guest editor.
- "Lessons from the Great House: Condition and Treatment History as Prologue to Site Conservation and Management at Casa Grande Ruins National Monument." 1999. *Conservation and Management of Archaeological Sites* 3(4):203-224.
- "Hydraulic Lime Grouts for the Reattachment of Lime Plasters on Earthen Walls." (with A. Bass) 1995. *Conservation and Management of Archaeological Sites* 1(2):97-108.
- "A Program for the Conservation of Architectural Plasters in Earthen Ruins." 1994. *Conservation and Management of Archaeological Sites* 1(1):5-24.
- "Cleaning and Surface Repair of Architectural Marble and Crystalline Limestone: The Metropolitan Club, New York" (with A. Tagle.) *Journal of the American Institute for Conservation* 34(Spring 1995): 49-68.
- "The Conservation of Immovable Cultural Property: Ethical and Practical Dilemmas." *Journal of the American Institute for Conservation* 32(Spring 1993): 15-21.
- "U.S. Custom House, New York City: Overview of Analysis and Interpretation of Altered Architectural Finishes" (with C. Silver, R. Wolbers, and J. Snodgrass). *Journal of the American Institute for Conservation* 32(Summer 1993): 141-152.
- "Understanding Nineteenth Century Regional Painting Traditions: The New Orleans Historic Exterior Paint Study." 1992. *Bulletin of the Association for Preservation Technology* 24 (1-2): 36-52.

- "Restoring West Point's Cullum Hall." *Construction Specifier* 43 (July 1990): 100-106.
- "Principles Not In Practice: A Re-evaluation of the Goals of Architectural Conservation." *Technology and Conservation* 9 (1989): 10-11.
- "A Diagnostic Study and Treatment Evaluation for Cleaning of Perry's Victory and International Peace Memorial." 1984. *Bulletin of the Association for Preservation Technology* 16(3-4): 39-52.
- "A Rare Example of Early Nineteenth Century Trompe L'oeil Decoration: The Octagonal Reception Room at Telfair Mansion, Savannah, Georgia." 1983. *Bulletin of The Association for Preservation Technology* 15(3): 35-38.
- "The Use of Architectural Sandstone in New York City in the Nineteenth Century" (and J. Teutonico). 1982. *Bulletin of the Association for Preservation Technology* 14(2): 11-17.
- "Notes on the Treatment of Oil and Grease Staining on a Masonry Surface" (with J. Freese). 1978. *The Bulletin of The Association for Preservation Technology* 10(2): 133-141.

Other Publications

- Prospectus 1 / Duration* 2006; *Prospectus 2 / Reception* 2007. Penn Design, University of Pennsylvania.
- "Orphans of the Storm: The Preservation of Architectural Plasters in Earthen Ruins" (with A. Bass). 1994. *CRM* 17(4): 21-26.
- The Fortifications of San Juan National Historic Site, Historic Structure Report*. 3 volumes. National Park Service, U.S. Department of the Interior, 1991.
- A Backward Glance: Preservation Attitudes in New York City, 1831-1939*, exhibition and catalog. Columbia University, New York, N.Y., 1988 (27 pp.)
- The American Architectural Trade Catalog*, exhibition and catalog. Columbia University, New York, N.Y., 1985 (40 pp.)

RESEARCH PROJECTS

Project Director/Principal Investigator-Architectural Conservation Laboratory, School of Design, University of Pennsylvania For a full listing see www.conlab.org

2014

Site Conservation of Gordion Archaeological Site, Yassihöyük, Turkey
 Historic Structure Report, Jackson Lake Lodge, Grand Teton National Park, Jackson, WY
 Historic Structure Report and Finishes Study, Tumacácori National Historical Park, Tumacácori, AZ
 Masonry Holly Tower, Hovenweep National Monument, Southeast UT
 Historic Structure Report and HAER Recording, Western Clay Manufacturing Co, Helena, MT
 Recording and Condition Assessment Methodology, Native American Wooden Structures, Grand Canyon NP, AZ and Rocky Mountain NP, CO

2013

Historic Structure Report, Pipe Spring National Monument, Fredonia, AZ

2012

Gertrude Vanderbilt Whitney Studio, New York, NY
 Convento Column Conservation Analysis, Mission San Jose y San Miguel de Aguayo, San Antonio, TX

2011

Condition Survey and Assessment. Bar-B-C Dude Ranch, Grand Teton National Park, Jackson, WY

2010

Far View House, Mesa Verde National Park, CO
 Spruce Tree House Cliff Dwelling, Mesa Verde National Park, Cortez, CO

2009

El Morro National Monument, Ramah, NM

2006-2008

Analysis and Treatment of the Great Texaco Road Map Pavement, New York State Pavilion, Flushing Meadows, Corona Park, NY
(National Endowment for the Arts and Samuel H. Kress Foundation)

Landscape and Monument Conservation Program, Trinity Cathedral Burying Ground (Phase 3)
Pittsburgh, Pennsylvania

2006-ongoing

Gordion Site Conservation Plan, Yassihüyük, Turkey (Samuel H. Kress Foundation and Global Heritage Fund)

2005-2006

Historic Structure Report, Strawberry Hill, Twickenham, Middlesex, England (In collaboration with the University of Plymouth, Strawberry Hill Trust and World Monuments Fund) (Samuel H. Kress Foundation)

1995/2005-2006

Stone Analysis and Treatment of the Sacristy Window, Mission San Jose y San Miguel de Aguayo, San Antonio, TX (Samuel H. Kress Foundation)

2004-2005

Site Survey and Conservation (Phases 1-3) Southampton Historic Cemetery, Southampton, NY

2004-2006

Dome and Mural Survey and Treatment, Rosario Chapel, Iglesia San Jose, San Juan, Puerto Rico
(In collaboration with The New School of Architecture, Politechnic University of Puerto Rico and National Park Service) (World Monuments Fund and Samuel H. Kress Foundation)

2004-2006

Masonry Condition Survey (Phases 1-3) Merchant's Exchange-Independence National Historical Park
Philadelphia, PA

2004-2005

Conservation of Historic Graffiti and Architectural Embellishments, San Juan Fortifications National
Historic Site, San Juan, Puerto Rico (Samuel H. Kress Foundation)

2004-2005

Evaluation of Micro-pinning Techniques for Stone Detachment, Victoria (Morse-Libby) Mansion, Portland,
ME (Getty Grant Program)

2004

Specification Development for Column Masonry Repair, Second Bank of the United States-Independence
National Historic Park, Philadelphia, PA

2003-2004

Historic Structure Report of Villa and Gardens, Vizcaya Museum and Gardens, Miami, Florida
(Getty Grant Program)

2003-2006

Exterior Masonry Survey and GIS Assessment: Second Bank of United States-Independence National

Historic Park (Phase 2) Philadelphia, Pennsylvania

2002-2003

Historic Structure and Landscape Report, The Orto Botanico, Rome, Italy (Samuel H. Kress Foundation)

2003-2004

Exterior Masonry Study:Capilla del Santo Cristo de La Salud, San Juan, Puerto Rico (In collaboration with the Politecnic University of Puerto Rico) (Getty Grant Program)

2003

Spruce Tree House Masonry Conservation:Mesa Verde National Park (Phase 2) Cortez, CO

Cavate Condition Assessment and Pilot Treatment Program: Bandelier National Monument, Los Alamos, New Mexico (Getty Grant Program)

2000-2003

GIS Mapping and Tomb Survey:St. Louis Cemetery No. 1, New Orleans, Louisiana (Phases 1 & 2: Louisiana Division for Historic Preservation, Office of Cultural Development) (Phase 3: Save America's Treasures)

2001-2002

Conservation of the Great Hall Plaster Ceiling: Drayton Hall-National Trust for Historic Preservation Charleston, South Carolina (Getty Grant Program)

1999-2000

Conservation of Archaeological Resources:Bandelier National Monument,Los Alamos, New Mexico

2000

Cemetery Conservation Program, Trinity Cathedral Burying Ground (Phase 2) Pittsburgh, Pennsylvania

2000-2002

Conservation of Cliff Palace Architectural Surfaces Program for Archaeological Resources: Mesa Verde National Park (Phase 6) Cortez, Colorado (NPS) (Save America's Treasures and World Monuments Fund)

1999-2001A Laboratory Test Program for Injection Grouting and Limewater Consolidation:Casa Grande Ruins, (Phase 5) Coolidge, Arizona

Ruins Site Conservation Program:Indian Key - Florida State Parks & Recreation

2000

Cliff Palace-Conservation of Architectural Surfaces Program for Archaeological Resources at Mesa Verde National Park:Mesa Verde (Phase 5) Cortez, Colorado

Masonry Conservation Pilot Program for the Ayyubid City Wall:Cairo, Egypt. Aga Khan Trust for Culture

1999

Conditions Assessment of the Exterior Masonry of the Second Bank of the United States:Independence National Historic Park (Phase 1) Philadelphia, Pennsylvania (NPS)

Shelter, Stabilization and Presentation of Building 5:Çatalhöyük (Phase 3): Çatalhöyük, Turkey (In collaboration with Cambridge University, UK)

1998 -1999

Masonry Conservation Pilot Program for the Ayyubid City Wall:Cairo, Egypt Aga Khan Trust for Culture

1998

Condition Survey and Recommendations:Coronado State Monument, Bernalillo, NM New Mexico State Monuments

1998-2003

Documentation for the Historic American Buildings Survey:National Park Service, Philadelphia, PA

Site Conservation Program for Architecture, Murals and Relief Sculpture, Çatalhöyük, Turkey (Phase 2)
(In collaboration with Cambridge University, UK)

Chief Tomokie Monument Stabilization: Tomokie State Park (Phase 1) Ormond Beach, FL

1997-1998

Cultural Landscape Preservation Plan: Tsankawi, Bandelier National Monument, Los Alamos, NM
(Samuel H. Kress Foundation)

1997-2000

Documentation for the Historic American Buildings Survey: National Park Service, Philadelphia, PA

1997

Site Conservation Program for Architecture, Murals and Relief Sculpture: Çatalhöyük , Turkey (Phase 1)
(In collaboration with Cambridge University, UK) (Samuel H. Kress Foundation)

Inscription Conservation Program: El Morro National Monument (Phase 4) Ramah, NM

Prehistoric Plaster Conservation (Phase 4): Mug House Treatment, Mesa Verde National Park
Mesa Verde, CO

1996-2003

Documentation of Historic American Buildings Survey (HABS) and Historic American Engineering Record
(HAER):National Park Service, Philadelphia, PA

1996 – 1998

Conditions Survey and Site Preservation Plan:Casa Grande Ruins National Monument, Casa Grande, AZ

1996-1997

Documentation for the National Historic Landmark Data Base, National Park Service, Philadelphia, PA

Mural and Site Conservation Program: Catalhöyük, Turkey (In collaboration with Cambridge University,
UK) (World Monuments Fund and Samuel H. Kress Foundation)

1996

Historic Structure Report and Cultural Landscape Documentation and Planning (Phase 1): Rendez-Vous
Folly, Lednice/Valtice, Czech Republic: (World Monuments Fund and Samuel H. Kress Foundation)

Conservation Study of the Interior Surface Finishes:The Tempel Synagogue, Krakow, Poland
(World Monuments Fund and Samuel H. Kress Foundation)

Adobe Ruins Monitoring Program and Preservation Plan: Fort Union National Monument (Phase 5)
Watrous, NM

List of Classified Structures, National Park Service, Philadelphia, PA

Stone Conservation Field Testing Program (Phase 3): El Morro National Monument, Ramah, NM

Pennsylvania Blue Marble Characterization and Consolidation Treatment Testing: Second Bank of the United States, Philadelphia, PA

1995 -1997

Conservation Program for 18th-Century Decorative Ceiling of Belmont Mansion, Fairmount Park Philadelphia, PA

1995 – 1996

Masonry Conservation Pilot Project: Mission San Juan Capistrano (Phase 2) San Juan Capistrano, CA

1995/2005-06

Stone Analysis and Assessment of the Sacristy Window: Mission San Jose y San Miguel de Aguayo San Antonio, TX

1995

Ruins/Finishes Stabilization Program (Phase 4): Fort Union National Monument, Watrous, NM
Fort Davis National Historic Site, Fort Davis, TX

1995 – 1996

Prehistoric Plaster Conservation (Phase 3): Mug House Pilot Study, Mesa Verde National Park Mesa Verde, CO (Getty Grant Program)

1994 – 1995

Terra Cotta Conservation Research: Bibliography and Technical Glossary, (In collaboration with Bournemouth University, UK and English Heritage)

1994 - 1995

Stone Conservation Field Testing Program (Phase 2): El Morro National Monument, Ramah, NM

1994

Conservation Survey of the Prehistoric Plasters of Mug House (Phases 1 & 2): Mesa Verde National Park Mesa Verde, CO

1994 - 1995

Ruins / Finishes Stabilization Program (Phase 3): Fort Union National Monument
Watrous, NM, Fort Davis National Historic Site, Fort Davis, TX

1994-1996

Stone Conservation Assessment of the Lincoln and Jefferson Memorials: Phase 1, Technical Literature Review and Assessment, Washington, DC

1994

Conservation of Plaster Fragments: Convento of the San Jose Mission, San Antonio Missions National Historical Park, San Antonio, TX

1993 – 1994

Masonry Conservation Program (Phase 1): Mission San Juan Capistrano, San Juan Capistrano, CA

Methods for the Reattachment of Delaminating Sandstone (Phase 1): El Morro National Monument, Ramah, NM

Ruins / Finishes Stabilization Program (Phase 2):Fort Union National Monument, Watrous, NM

1993

Fort Davis National Historic Site, Fort Davis, TX

Consolidation and Repair of Convento Column ,San Antonio Missions National Historical Park, San Antonio, TX

1992

Ruins / Stabilization Program (Phase 1) Fort Union National Monument, Watrous, NM

Fort Davis National Historic Site, Fort Davis, TX

1992-1993

Conservation Program for the Exterior Concrete of the Solomon R. Guggenheim Museum,New York, NY (Getty Grant Program)

1991-1992

Assessment of Cleaning Techniques for Unglazed Architectural Terra Cotta:The Brooklyn Historical Society Building, Brooklyn, NY (Getty Grant Program)

1991

Investigation, Documentation and Condition Assessment of the Great Entry Hall Ceiling Drayton Hall, National Trust for Historic Preservation, Charleston, SC

1990-1991

Burial Ground Conservation Program: Center Church Crypt ,New Haven, CT

Desalination and Cleaning of Interior Limestone:St. Mark's Episcopal Church, Mt. Kisco, NY

Development and Implementation of a Conservation Program for Glass Mosaics:St. Mark's Episcopal Church, Mt. Kisco, NY

Masonry Conservation Program: Ohio Statehouse,Columbus, OH

Conservation Master Plan (Phase 1):Trinity Cathedral Burying Ground, Pittsburgh, PA

Project Director/Principal Investigator-Center for Preservation Research, Graduate School of Architecture, Planning and Preservation, Columbia University

1990

Historic Structure Report: Castillo de San Cristobal, San Juan National Historic Site,San Juan, Puerto Rico, The National Park Service, U.S. Department of the Interior

Investigation, Analysis and Recommendations for the Restoration of the Interior and Exterior Finishes of the Rookery, Chicago, IL

Conservation Master Plan for the Colonial Cemetery, Savannah, GA

Historic Structure Report of the North Artillery Pavilion, Castillo de San Cristobal, San Juan National Historic Site, San Juan, Puerto Rico, The National Park Service

Conservation Master Plan for Old Swedes' Burying Ground, Wilmington, Delaware

Conservation Techniques for the Repair of Historic Ornamental Exterior Stucco, LA State Historic Preservation Office

Examination, Analysis and Recommended Treatment Program for the Facade Sculpture of the St. Louis Art Museum, St. Louis, MI

1988-89

Masonry Conservation Study, Trinity Church, New York, NY.

Conservation Analysis and Treatment-Cabildo, New Orleans, LA

1988

Examination, Analysis and Recommended Treatment Program for The Salon D'ore (French Room) Corcoran Gallery of Art, Washington, D.C.

The Vieux Carre Historic Exterior Paint Study. New Orleans, Louisiana.
LA State Historic Preservation Office

Conditions Survey of Castillo de El Morro and the City Walls, San Juan, Puerto Rico, San Juan National Historic Site, National Park Service

Historic Structure Report, Quarters 209, San Juan National Historic Site, Puerto Rico.

Investigation, Analysis and Recommendations for the Principal Interiors of Cullum Hall, U.S. Military Academy, West Point, NY

1987

New Orleans Historic Cemetery Conservation Program, LA State Historic Preservation Office, LA

1986

Investigation, Analysis and Recommendations for the Conservation of the Interior Decorative Finishes Connecticut State Capital, CT

1985-87

Historic Structure Report, Ellis Island National Historic Site, New York, NY

1985

Boston Historic Burying Grounds Planning Study: Masonry Conservation Program, King's Chapel Burying Ground, MA

Investigation, Analysis and Recommendations for Restoration of the Interior Architectural Finishes of the George Eastman House, Rochester, NY

Trinity Churchyard Conservation Program. New York, NY

1979-1984

Historic Structure Report, Mulford House, Easthampton, NY. First HABS Peterson Prize

Historic Structure Report, Miller-Millard House, St. James, NY

Historic Structure Report, Rock Hall, NY

Historic Structure Report, Owens Thomas House, Savannah, GA

Historic Structure Report, Telfair Academy, Savannah, GA
Historic Structure Report, Web House, Orient, NY

PROFESSIONAL PRACTICE

Scientific Advisor, The Aga Khan Trust for Culture-Historic Cities Support Program, 1998-2005
Consulting Architectural Conservator, Museums of New Mexico, 1994-2005
Chief Technical Advisor, The General Services Administration, 1991-92
Architectural Conservator, Beyer Blinder Belle, Architects and Planners, New York City, 1985-87
Architectural Conservator, National Park Service, U.S. Department of the Interior, North Atlantic Historic Preservation Center, Boston, Massachusetts, 1979-81
Architectural Technician, National Park Service, U.S. Department of the Interior, 1977-78

EXHIBITS

Feats of Clay: Philadelphia Brick and Terracotta
The Kroitz Gallery of the Architectural Archives, University of Pennsylvania

Back on the Map: The Great Texaco Road Map at the 1964 New York World's Fair
Queens Museum and AIA Center for Architecture

Bens' House: Designing History at Franklin Court
The Kroitz Gallery of the Architectural Archives, University of Pennsylvania

Housing the Bell: 150 Years of Exhibiting an American Icon
The Kroitz Gallery of the Architectural Archives, University of Pennsylvania
April 18-August 15, 2006, Curator

A Backward Glance: Preservation Attitudes in New York City, 1831-1939
The Rotunda, Columbia University, New York, N.Y., 1988,

The American Architectural Trade Catalog
The Rotunda, Columbia University, New York, N.Y., 1985,

PROFESSIONAL AND COMMUNITY SERVICE

2011	Founder and Editor in Chief, <i>Change Over Time</i>
2008	Expert Advisory Committee, Preserve America Summit
2007	Board of Directors, The Woodlands, Philadelphia, PA
2007	Editor, Site Preservation Program, Archaeological Institute of America
2004-present	Editorial Board, The Journal of Architectural Conservation
2003	Advisory Committee, RecorDIM, The Getty Conservation Institute
2002-present	Editorial Board, Readings in Conservation, The Getty Conservation Institute
2000-2003	Professional Qualifications Task Force. American Institute for Conservation of Historic and Artistic Works
	Architectural Review Committee-Preserve LA, Getty Grant Program
2000-present	Board of Directors, Treasurer, Heritage Preservation
2000	Committee on Conservation Educational-Getty Conservation Institute
1998-present	Advisory Board, <i>Technology and Conservation Magazine</i>
1997-2006	Board of Directors, US/ICOMOS
	Board of Directors, Frank Lloyd Wright Building Conservancy

Technical Advisory Committee, Fairmount Park Historic Preservation Trust
 Advisory Committee, Philadelphia Art Commission
 1996-2006 Regional Editor, *Conservation and Management of Archaeological Sites*
 1994 Co-chair, Research and Technical Studies Subgroup, American Institute for
 Conservation of Historic and Artistic Works
 1993-94 Internal Advisory Board, American Institute for Conservation of Historic and Artistic
 Works
 1992-present Advisory Committee, International Masonry Institute, Washington, D.C.
 Chairman, Committee on Documentation, Architecture Specialty Group, American
 Institute for Conservation of Historic and Artistic Works
 Board of Directors, Friends of Memorial Hall, Fairmount Park, Philadelphia
 1989 Committee Member, Conservation Advisory Committee, Percent for Art Program,
 Department of Cultural Affairs, New York
 1988-1990 Committee Member, Committee of Experts. Friends of the Seventh Regiment Armory,
 New York, New York
 1986-88 Board of Directors, The Greenwich Village Society for Historic Preservation, New York

UNIVERSITY, SCHOOL AND DEPARTMENT COMMITTEE SERVICE

Personnel Committee, School of Design
 Executive Committee, School of Design
 Library Committee, School of Design
 Design Review / Historic Resource Committee, University of Pennsylvania

FELLOWSHIPS AND AWARDS

G. Holmes Perkins Award for Distinguished Teaching, School of Design, 2007
 Research Fellow, Museum of New Mexico, Santa Fe, New Mexico, 2006
 Samuel H. Kress Foundation, Research Fellowship 2006
 Oliver Torrey Fuller Award for best article published in 2006 in *The Bulletin of the Association for
 Preservation Technology*
 University Research Foundation, University of Pennsylvania, 2005
 American Institute of Architects Education Honors Award, 2004
 Getty Conservation Institute Research Scholar, Getty Conservation Institute, J. Paul Getty Trust, Los
 Angeles, California, 2002
 Research Fellow, Museum of New Mexico, Santa Fe, New Mexico, 1998
 Preservation Design Award, State of California for the Old Stone Church of Mission San Juan
 Capistrano, 1997
 Oliver Torrey Fuller Award for best article published in 1993 in *The Bulletin of the Association for
 Preservation Technology*, 1993
 AIA Honor Award and Interior Architecture Award of Excellence for the Rookery, Chicago, 1992
 AIA Chicago Chapter Honor Award-Distinguished Building Awards Program and Interior Architecture
 Awards Program for the Rookery, Chicago, 1992
 State Preservation Award, Connecticut Trust for Historic Preservation for Center Church Crypt
 Conservation Program, 1992
 First Place (Historic Preservation) The 13th Annual Renovation Awards Competition, sponsored by
 Commercial Renovation for Las Cabezas de San Juan Nature Reserve Lighthouse, Puerto Rico,
 1992
 Honor Award, New York State Association of Architecture for Interior Restoration of Cullum Hall,
 U.S. Military Academy, 1990
 Departmental Scholarship, Graduate School of Architecture, Planning and Preservation, Columbia
 University, 1976-78

MEMBERSHIPS

Professional Associate, American Institute for Conservation of Historic and Artistic Works (AIC)
Association for Preservation Technology (APT)
International Institute for Conservation of Historic and Artistic Works (IIC)
New York Conservation Association (Member of the Steering Committee, 1989-1990)
U.S. Committee/International Council of Monuments and Sites (ICOMOS)
ICOMOS, International Scientific Training Committee
American Society for Testing and Materials (ASTM)