

## LAUREN B. ALLSOPP, Ph.D.

Also published under Lauren B. Sickels-Taves, Ph.D.

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### EDUCATION

#### UNIVERSITY OF EDINBURGH • Edinburgh, Scotland

##### School of Architecture

- Ph.D., Architecture, 1988
- Dissertation: *Mortars in Old Buildings and in Masonry Conservation: A Historical and Practical Treatise*
- Conducted program of physical and chemical analyses to investigate creep and shrinkage in mortar and masonry construction

#### COLUMBIA UNIVERSITY • New York, NY

##### Graduate School of Architecture and Planning

- M.S., Historic Preservation, 1980
- Thesis: *The Versailles of Scotland: Hopetoun House*
- Thesis: *The Colman Legacy*
- Conducted analytic studies (lab based) of mortar and paint; conducted special studies in architectural history and conservation technology

#### UNIVERSITY OF MICHIGAN • Ann Arbor, MI

##### College of Literature, Science and the Arts

- B.A., History (Architectural History, Early American), 1976

### GRANTS/CONTRACTS/AWARDS

- Cottage Grove Historical Museum, Cottage Grove, OR, 2013: *Student Curatorial Internship* for a University of Oregon Historic Preservation student
- Cottage Grove Historical Museum, Cottage Grove, OR, 2012: *Student Curatorial Internship* for a University of Oregon Historic Preservation student
- Gila River Indian Community, Komatke, AZ, 2011: Inducted into the Gila River Indian Community as a Tribal Sister and Member of the Tribe in recognition for my many months of pro bono assistance in the preservation of the Tribe's sacred and cultural landscapes.
- Yankee Air Museum, Belleville, MI, 2005-06: *Restoration and Adaptive Reuse of the Willow Run Schoolhouse*
  - ✓ Team member creating reuse, restoration and relocation documents for historic schoolhouse
- Nominee, Outstanding Faculty in a Supporting Role Award, Eastern Michigan University, 2005
- Michigan Humanities Council, Lansing, MI, 2003-04: *Booklet of 17th Regiment of Michigan*
- Detroit Area Art Deco Society, Detroit, MI, 2003: Art Deco Student Book Publication, *A Language Understood: Art Deco's Enduring Appeal 1925-2000*
- Michigan Historical Center, State of Michigan, 2002-03: *Conservation of an 1812 Cannon*
- Michigan Department of Transportation, Tea-21, Transportation Enhancement Fund, 2002: *Examination of Lighthouse Sanitation Maintenance*
- Provost's Faculty Travel Award, Eastern Michigan University, Ypsilanti, 2002; Presentation at the Symposium on Masonry: Opportunities for the 21st Century, ASTM, Salt Lake City, UT
- World College Travel Grant, Eastern Michigan University, Ypsilanti, 2002; Presentations at the 33<sup>rd</sup> International Symposium on Archaeometry, Amsterdam, Netherlands
- RMS Titanic Inc., Atlanta, GA, 2001: *Conservation of the Artifacts*
  - ✓ Head conservator for wet archaeological artifacts; responsibilities included mitigation alternatives, contract administration, staff and student mentoring and management,

community outreach, and report writing

- Eastern Michigan University, Spring-Summer Research Grant, 2001: *Materials Conservation Laboratory: A Michigan Need*
- Eastern Michigan University, Provost New Faculty Award, 2000: *Preserving Michigan's Lighthouses: An Owner's Manual*
- Earthwatch, Center for Field Research, Watertown, MA, 1998: *A Hungarian Medieval Farm Revisited: Architecture, Archaeology, and Historic Preservation in Eastern Europe*
  - ✓ Co-Project director for archaeological site work and historic structure analysis in preparation for restoration; educated Hungarian government on historic preservation practices and environmental issues.
- Honorable Mention, Anne de Fort-Menares Award, Association for Preservation Technology International, September 27, 1997, for *Understanding Historic Tabby Structures: Their History, Preservation, and Repair* in *APT Bulletin*
- Honorable Mention, Oliver Torrey Fuller Award, Association for Preservation Technology International, September 27, 1997, for *Computer-Assisted Optical Stereology in Historic Preservation: Tabby, a Case Study*, in *APT Bulletin*
- Certificate of Appreciation, Cumberland Island National Seashore, National Park Service, Georgia, July 1997 for the Tabby House Restoration
- Earthwatch, Center for Field Research, Watertown, MA, 1997: *The Lost Art of Tabby Redefined: A Practical and Cultural Study, Part II*
  - ✓ Co-Project director, working closely with the National Park Service and the U.S. Navy, for the complete and proper restoration of the Tabby House.
- Earthwatch, Center for Field Research, Watertown, MA, 1996: *The Lost Art of Tabby Redefined: A Practical and Cultural Study, Part I*
  - ✓ Co-Project director, working closely with the National Park Service, for archaeological site work and historic structure analysis in preparation for the restoration of the Tabby House.
- Louisiana Endowment for the Humanities, Minigrant, New Orleans, LA, 1995: *Preserving A Time Capsule: The Machine Shop Office of a Southern Lumber Company*
- Georgia Humanities Council, Residency/Community Program Grant, Atlanta, GA, 1994: *An Interpretive and Preservation Study of Coastal Tabby*
- Georgia Humanities Council, Public Program Grant, Atlanta, GA, 1994: *An Interpretive Exhibit of the Davenport House and Family in Savannah*
- Jaquelin Drane Nash Award of Merit for the restoration of the George Matthewson House, c.1869, Tarboro, NC, 1985
- National Endowment for the Arts, Design Arts Individual Grant, Washington, D.C., 1982: *Mortars in Preservation*
- Overseas Research Students Fees Support Scheme Award, Committee of Vice-Chancellors and Principals of the Universities of the United Kingdom, London, 1981-82 and 1982-83
- University of Edinburgh, Van Dunlop Scholarship, Edinburgh, Scotland, 1981-82 and 1982-83
- Pi Beta Phi Sorority, Alumnae Committee for Continuing Education Scholarship, 1981-82

## PROFESSIONAL EXPERIENCE

- 2012-2013      University of Oregon • Eugene, OR  
Adjunct Professor • Historic Preservation Program • School of Architecture and the Applied Arts  
    Courses taught listed below
- Responsible for teaching as well as thesis advising and course analyses
  - Supervised students on real preservation projects, inclusive of review, significance evaluations, and government regulatory requirements

- 2007-2013 Anthemion International • Scottsdale, AZ  
Cultural Resource Management  
Principal • Historic Preservation & Material Science
- Cultural and Historic Preservation advisor to Gila River Indian Community
    - Section 106 review
    - Advised on laws, regulations and policies pertaining to historic preservation
  - Grant consultant for the Phoenix Green Chamber of Commerce
  - Comparative Analysis (Materials and Streetscapes) of Post-WWII Inner City Suburbs and Current USA Practice, Perth, Western Australia
  - Planning Preservationist for the Institute of Advanced Architecture of Catalonia, Barcelona, Spain
  - Advisor to Urban Planner/Designer, Malmo, Sweden
  - Conservation of 1948 Rose Bowl memorabilia
  - Green/sustainable restoration of Ranch House: cutting energy costs by 50%; retaining neighbourhood character, Scottsdale, AZ
  - Team preservationist for the saving of the Farwell Building in Chicago
    - Involved community outreach and working closely with City officials to ensure regulatory requirements and alternatives given the condition of the structure
  - Neighbourhood and Material Analyses for the Turner Foundation's Westcott House, Springfield, OH
- 2006-2009 Frank Lloyd Wright Foundation • Scottsdale, AZ  
Historic Preservation Consultant • Adjunct Professor of the Frank Lloyd Wright School of Architecture  
Courses taught listed below
- 2004-2007 Yankee Air Museum • Willow Run Airport, MI  
Director, Development Committee
- 1998-2006 Eastern Michigan University • Ypsilanti, MI  
Associate Professor of Historic Preservation; tenured  
Deputy Director of Historic Preservation Program  
(Adjunct Professor, 1998-2000; Assistant Professor, 2000-2004;  
Associate Professor, 2004-2006)
- 1998-2006
    - Courses taught listed below
    - Encouraged and helped students successfully get White House internship, graduate research awards, APTI and NTHP conference scholarships, and publish papers
    - Supervised students on real preservation projects, inclusive of government regulatory requirements
  - 2000-2006: Director of the Materials Conservation Laboratory
    - RMS Titanic Inc., Atlanta, GA, 2001 – archaeological artifact conservation and regulatory assessment reports
    - Michigan Historical Center, State of Michigan, Lansing, MI, 2002-03 – conservation of Great Lakes 1812 Cannon
    - Yankee Air Museum and Eastern Michigan University's Historic Preservation Students, 2003-2006 – Annual Conservation Day
    - Michigan State University, East Lansing, MI, 2006 – Saints Rest archaeological artifact conservation
  - 2001: Director of the Historic Preservation Program
  - 2005-2006: Director of the Conservation & Technology Program
- 1998-2001 Henry Ford Museum and Greenfield Village • Dearborn, MI

- Architectural Conservator
- Responsible for building care, facility inspections, and maintenance implementation for all historic structures; researched and wrote all historical documentation reports
  - Team member for artifact conservation for exhibits
- 1996-2000 Biohistory International • Raleigh, NC  
Cultural Resource Management  
Architectural Conservator; Board of Directors
- 1994-1996 Northwestern State University • Natchitoches, LA  
Assistant Professor of Architectural Preservation  
Director for Historic Preservation Program  
Courses taught listed below
- 1993 Armstrong State College • Savannah, GA  
Adjunct Professor  
Courses taught listed below
- 1993-1994 Historic Savannah Foundation • Savannah, GA  
Isaiah Davenport House Museum Committee, (volunteer)
- Responsible for technical analyses of historic structures
  - Created ADA planning report and supervised impletion
- 1993-1994 Wormsloe State Historic Site • Savannah, GA  
DNR volunteer
- Responsible for program on tabby construction and community outreach
- 1985-1994 Preservation Consultant • Tarboro, NC; Harrisville, NH; Savannah, GA
- 1983 Historic Harrisville, Inc. • Harrisville, NH  
Material Conservator (volunteer)
- 1981-1982 Hopetoun House • South Queensferry, Scotland  
Guide in historic manor house
- 1980-1983 Scottish Georgian Society • Edinburgh, Scotland  
Case Panelist, Architectural Review Committee, City of Edinburgh
- 1980 National Park Service, Cultural Preservation Dept. • Atlanta, GA  
Architectural Technician for Cultural Resources
- Responsible for technical analyses and base planning documents on structures in the Southeast region.
  - Prepared project briefs as needed.
- 1979 City of Edinburgh District Council, Dept. of Architecture • Scotland  
Conservationist (volunteer)
- 1977-1978 Rochester Historical Commission • Rochester, MI  
Chairman

**PROFESSIONAL LEADERSHIP and OUTREACH – selective since 1976**

- ❖ 5<sup>th</sup> VELUX Daylight Symposium: New Eyes on Existing Buildings, Copenhagen, DK, May 15-16, 2013
- ❖ Girl Scouts of the U.S.A., Phoenix, AZ, 2008. Supervised and implemented program with Junior troop on badges, including architectural hands-on presentation and construction
- ❖ Peer Reviewer, John Wiley & Sons, Inc. (Publisher), 2005

- ❖ Peer Reviewer, National Lime Association, 2004-2005
- ❖ Board of Directors, Michigan Aerospace Foundation, 2004
- ❖ Session Chair, Annual Conference of the Association for Preservation Technology International, Portland, ME, September 19, 2003
- ❖ Peer Reviewer, National Endowment for the Arts, 2003
- ❖ Peer Reviewer, *Association for Preservation Technology Bulletin*, APTI, 2002-2005
- ❖ Officer/Board of Directors, Vernacular Architecture Forum, 1997-2002
- ❖ Editor, Book Reviews, Vernacular Architecture Forum, 1997-2002
- ❖ Chair, ASTM E6.24 TASK GROUP, Code for Repointing Mortars, 1997-1999
- ❖ Peer Grant Reviewer, National Center for Preservation Technology & Training, 1996-1998
- ❖ Chair, ASTM International Symposium on The Use of and Need for Preservation Standards in Architectural Conservation, Atlanta, GA., April 18-19, 1998
- ❖ Peer Reviewer, Preservation Briefs, National Park Service, 1998
- ❖ Peer Reviewer, Special Technical Publication (STP), ASTM, 1998-1999
- ❖ Chair of the Fall Tour of the Society for Industrial Archaeology, Alexandria, LA, 1997
- ❖ Main Street Program: "Buildings Talk: Listening with Your Eyes," May 1997. Practical preservation course and architectural tour for community sponsored by Main Street, Natchitoches, LA, for National Preservation Week
- ❖ Historic Windsor Inc. of Vermont in Natchitoches, LA, April 19 & 22, 1996. Special historical and practical program compiled by HWI and the National Center for Preservation Technology & Training
- ❖ Consultant for Old House Journal: 1996
- ❖ SOS (Save Outdoor Sculpture) Volunteer: 1995-1996

## RESTORATIONS

- 2013- Adobe Church, c.1890 • Sacaton, AZ
- 2008-2012 Ranch House, 1984 • Scottsdale, AZ
- 2007-2012 The Farwell Building, Michigan Ave • Chicago, IL
- 2005-06 The White House/The Schoolhouse, Willow Run Airport • Belleville, MI  
WWII Quonset Hut, Willow Run Airport • Belleville, MI
- 2004 Church of the Pantocrator, 12<sup>th</sup> century • Istanbul, Turkey  
Summer Student Field School: cancelled due to Travel Ban from U.S.  
State Dept.
- 1999-2001 Ackley Covered Bridge, 1832 • Dearborn, MI  
Cotswold Cottage, c.1600 • Dearborn, MI
- 1999 Christ Church columbarium, c.1950 • Grosse Pointe, MI  
Konbento mamposteria, 1856 • Hagatna, Guam  
Ft. Myers Laboratory, c.1880 • Dearborn, MI
- 1998 Ligard-Petho Manor House, c.18th century • Szarvasgede, Hungary
- 1997 The Tabby House, c.1804 • Cumberland Island, GA
- 1987-88 Milan Harris House, 1833 • Harrisville, NH
- 1984-86 George Matthewson House, c.1869 • Tarboro, NC

## REPORTS/NOMINATIONS/ANALYSES

### Historic Preservation Plan

- 2008 Taliesin West, c.1938 • Scottsdale, AZ  
Westcott House, c.1908 • Springfield, OH

### Historic Structure Reports (HSRs)

- 2003 Fort Dorchester, c. 1758 • Charleston, SC  
2001 Old Baldy Lighthouse, c. 1817 • Bald Head Island, NC  
Round Island Lighthouse, c.1895 • Straits of Mackinaw, MI  
2000 Sir John Bennett, c.1870/1929 • Dearborn, MI  
1999 McGuffey Birthplace, c.1780 • Dearborn, MI  
Ackley Covered Bridge, 1832 • Dearborn, MI  
Cotton Gin Mill, c.1840 • Dearborn, MI  
1998 Cotswold Cottage & outbuildings, c.1600 • Dearborn, MI

### National Register (NR) nominations:

- 2001 Sibley-Hoyt House, c.1820, 1840s • Pontiac, MI  
Cranberry Lake Farm, c.1830 • Oxford, MI  
1988 Roanoke Rapids Junior-Senior High School, 1921 • Roanoke Rapids, NC  
Hoffman-Bowers-Josey-Riddick House, c.1885 • Scotland Neck, NC  
Bell-Sherrod House, 1859 • Enfield, NC  
1987 Lone Pine Farm, c.1860-1932 • Tarboro, NC  
1980 Crissman Orchards, c.1833, 1856 • Rochester, MI

### National Park Service technical reports

- 2000 The Chimneys, Stafford Plantation, c.1820s • Cumberland Island, GA  
1997 The Tabby House: Findings and Preservation Report • Cumberland Island, GA  
1980 The Tabby House: Paint and Mortar Analyses Report • Cumberland Island, GA  
Carl Sandburg House: Paint and Mortar Analyses Report • Flat Rock, NC  
Mary T. Scott Cottage Restoration Plan • Tuskegee, AL

### Other technical analyses reports

- 1995 Paint Analysis, H.T. Olmsted House • Chattanooga, TN  
1994 Plaster Casting and Re-adhesion, Christ Episcopal Church, Bull St. • Savannah, GA  
1986 Paint Analysis, Nash House, Church St. • Tarboro, NC  
1984 Historic Paper Conservation, Harris Mill • Harrisville, NH  
Mortar Analysis, Harris Mill • Harrisville, NH

## PUBLICATIONS

### Books:

- ❖ *Masonry Conservation Handbook*. Cottage Grove, OR: Anthemion International, 2013. Co-authors: students from the class: Building Pathology – Masonry, Historic Preservation Program, University of Oregon, in press. Partial design viewable at [http://www.transpolisglobal.com/Masonry\\_Handbook.html](http://www.transpolisglobal.com/Masonry_Handbook.html).
- ❖ *A Language Understood: Art Deco's Enduring Appeal 1925-2000*. Ypsilanti, MI: Eastern Michigan University, 2003. Co-authors/graphic designer: students from the Historic Preservation Program.
- ❖ *The Lost Art of Tabby Redefined: Preserving Oglethorpe's Architectural Legacy*. Southfield, MI: Architectural Conservation Press, 1999. Co-author Dr. Michael S. Sheehan

- ❖ *The Use of and Need for Preservation Standards in Architectural Conservation*. ASTM STP 1355; editor. West Conshohocken, PA: ASTM, 1999.
- ❖ *Mortars in Old Buildings and in Masonry Conservation: A Historical and Practical Treatise*. Ann Arbor: University Microfilms International, 1994.

#### Book Chapters:

- ❖ "Lime and Its Place in the 21<sup>st</sup> Century: Combining Tradition, Innovation, and Science in Building Preservation," in *Contemporary and Historic Uses of Lime in Mortars, Plasters, and Stuccos*, National Lime Association Symposium Proceedings (2005), Chapter 6. Co-author: Philip Allsopp, D.Arch, RIBA
- ❖ "The Architectural Ingenuity of Enslaved African-Americans: More with Less," in *Essays on The African American Experience: From the 17th Century Through the 20th Century* (Bowie, MD: Heritage Books, Inc., canceled 2004 due to budget cuts). Co-author: Dr. Michael S. Sheehan
- ❖ "Specifying Historic Materials: The Use of Lime," in *Masonry: Opportunities for the 21<sup>st</sup> Century* (West Conshohocken, PA: American Society for Testing and Materials, 2002), 3-22. Co-author: Dr. Michael S. Sheehan

#### Refereed Journal Articles:

- ❖ "Making a Mark in America: The Architectural Ingenuity of Germanic Settlers," *Material Culture* vol. 37, no. 1 (2005), 85-106. Co-author: Philip Allsopp, D.Arch, RIBA
- ❖ "Stereological Solutions to Monitoring Isolated Architecture: Historic Sod Structures, a Case Study," *Association for Preservation Technology Bulletin* vol. 34, no. 1 (2003), 25-30. Co-author: Dr. Michael S. Sheehan and Dr. Irwin Rovner
- ❖ "Vernacular Building Materials and the Factors Conditioning Their Use: Tabby, A Case Study," *Material Culture*, vol. 34, no. 2 (Fall 2002), 16-28. Co-author: Dr. Michael S. Sheehan
- ❖ "The Technological Analysis of RMS Titanic's Coal: The Enhancement of Historical Research," *Materials Issues in Art and Archaeology VI*, Materials Research Society Symposium Proceedings, vol. 712 (2002), 525-532. Co-author: Dr. Michael S. Sheehan
- ❖ "The Lime Middens of Cumberland Island," *CRM*, National Park Service, vol. 22, no. 5 (1999), 39-41. Co-authors: Dr. Michael S. Sheehan and Ms. Jennifer L. Bjork
- ❖ "A Strategy for Mimicking Voids in Historic Masonry," *The Journal of Testing and Evaluation*, JTEVA 26 (July 1998), 393-395. Co-author: Dr. Michael S. Sheehan
- ❖ "Understanding Historic Tabby Structures: Their History, Preservation, and Repair," *Association for Preservation Technology Bulletin*, vol. 28, no. 2 (1997), 22-29.
- ❖ "Computer-Assisted Optical Stereology in Historic Preservation: Tabby, a Case Study," *Association for Preservation Technology Bulletin*, vol. 28, no. 2 (1997), 30-33. Co-authors: Dr. Michael S. Sheehan and Dr. Irwin Rovner
- ❖ "Southern Coastal Lime-Burning," *CRM*, National Park Service, vol. 19, no. 1 (1996), 22-25.
- ❖ "Creep, Shrinkage, and Mortars in Historic Preservation," *The Journal of Testing and Evaluation*, JTEVA, vol. 23, no. 6 (1995), 447-452.
- ❖ "Elastic Strain, Creep, and Recovery in Mortars: Additional Analysis," *The Journal of Testing and Evaluation*, JTEVA, vol. 23, no. 5 (1995), 377-383.

- ❖ "An Analysis of Creep and Shrinkage in Mortars," *The Journal of Testing and Evaluation*, JTEVA, vol. 22, no. 6 (1994), 548-555.
- ❖ "Chesterwood: A Study in Portland Cement," *Edinburgh Architecture Research*, vol. 10 (1983), 28-38.
- ❖ "The Development of Mortars in Scotland," *Transactions*, Association for Studies in the Conservation of Historic Buildings, vol. 7 (1982), 47-51. Invited paper given to ASCHB members in Edinburgh November 4, 1982.
- ❖ "The Lime of Dalkeith Palace in 1701-1710," *Edinburgh Architecture Research*, vol. 9 (1982), 7-17.
- ❖ "Organics vs. Synthetics: Their Use as Additives in Mortars," *Mortars, Cements and Grouts used in the Conservation of Historic Buildings*, ICCROM Symposium, Rome (November 1981), 25-52.
- ❖ "Organic Additives in Mortars," *Edinburgh Architecture Research*, vol. 8 (1981), 7-20.

#### Refereed Conference Papers and other Articles:

- ❖ *Taliesin West Historic Preservation Plan*. Scottsdale, AZ: The Frank Lloyd Wright Foundation and the Scottsdale Historic Preservation Commission, 2009. Co-author: Robert A. Jones, AIA, NCARB
- ❖ "Quantifying the Flaws: Computer-assisted Optical Stereology in the Analysis of Steel from a Maritime Archaeological Site," *Geoarchaeological and Bioarchaeological Studies*, Proceedings of the 33<sup>rd</sup> Symposium on Archaeology, Amsterdam, vol. 3 (2005), 385-387. Co-author: Dr. Michael S. Sheehan
- ❖ "Selecting Mortar for Preservation Projects," *Public Works* vol. 134, no. 12 (2003), 52-55.
- ❖ *CIS Web Site Notes: Care and Preservation of Historic Tabby*. Dearborn: The Edison Institute, 2000. <[www.thehenryford.org/research/caring/tabby.aspx](http://www.thehenryford.org/research/caring/tabby.aspx)>
- ❖ *CIS Web Site Notes: Care and Preservation of Historic Log Buildings*. Dearborn: The Edison Institute, 2000. <[www.thehenryford.org/research/caring/log.aspx](http://www.thehenryford.org/research/caring/log.aspx)>
- ❖ "Ackley Covered Bridge Withstands the Onslaughts of Time," *Covered Bridge Topics*, vol. LVIII, no. 1 (Winter 2000), 3-4.
- ❖ "Handle With Care: Tabby is no Ordinary Concrete," *The Conservation and Preservation of Tabby: A Symposium on Historic Building Material in the Coastal Southeast*, Jekyll Island, GA (February 1998), 75-81.
- ❖ "Selecting mortar for historic preservation projects," *Masonry Construction*, vol. 10, no. 10 (1997), 533-557.
- ❖ "Applications of Qualitative Trace Element Analyses: An Interdisciplinary Approach to Materials Conservation," *Materials Issues in Art and Archaeology V*, Materials Research Society Symposium Proceedings, vol. 462 (1997), 323-330. Co-authors: Dr. Michael S. Sheehan and Dr. Gary White
- ❖ "Vernacular Houses: Bousillage Houses of Louisiana," *Old House Journal*, vol. xxiv, no. 2, Mar/Apr. 1996, 116. Co-authors: student, Adrian McClelland, and Dr. Michael S. Sheehan
- ❖ "Vernacular Houses: Tabby," *Old House Journal*, vol. xxiii, no. 2, Mar/Apr. 1995, 108.
- ❖ "Tabby: From Rectangles to Anchors and Octagons," (Videocassette), Georgia Historical Society, 1995. Also a Documentary for Television, Savannah, GA., aired September 12 and 14, 1994. Reaired



July 10 and 12, 1995.

## BOOK REVIEWS (available upon request)

## DOCUMENTARIES/INVITED PRESENTATIONS

- “Sunkist Building Strategy, Rehabilitation and Material Analysis.” Arizona Historic Preservation Conference, Mesa, AZ, June 14, 2013.
- “R.M.S. *Titanic* Revisited: Curating an Icon.” Presentation on Artifact Conservation, Cottage Grove Historical Museum, Cottage Grove, OR, April 12, 2013.
- “Strengthening Culture and Commerce by an Urban Acupuncture Approach to Historic Preservation.” Arizona Historic Preservation Conference, Prescott, AZ, June 15, 2012.
- Invited Sessions Chair, World Heritage Organization’s 5<sup>th</sup> Healthy Cities: Making Cities Livable Conference, Geelong, Victoria, AU, June 6-8, 2012.
- Invited Masonry Expert, Preservation Roundtable: “Charting a Future for Oregon’s Historic Masonry Buildings: Resilience, Access, and Economics,” Historic Preservation League of Oregon (HPLO), Eugene, OR, May 29, 2012.
- Narrator of the film documentary: “The Living Landmark: The Farwell Building,” Chicago, IL, August 2011. Premiered at the Farwell Building Reopening on April 19, 2012.
- “Looking Into a Lost World: R.M.S. *Titanic*’s Artifacts.” Presentation on Artifact Conservation, Cottage Grove Historical Museum, Cottage Grove, OR, April 11 & 25, 2012.
- Invited Sessions Chair, 4<sup>th</sup> Healthy Cities: Making Cities Livable Conference, Noosa, Queensland, AU, July 28-29, 2011.
- Invited Panelist and Thought Leader, Clear Village Lab Initiative, Clear Village Foundation (Netherlands-based), Barcelona, Spain, November 5-7, 2009.
- Replicating Lime and its Kiln at Frank Lloyd Wright’s Taliesin, WI, May 2008.
- “Understanding Mortars,” PowerPoint and Hands-on Analysis, Canova International Architect Encounter, Ossola Valley, Italy, June 7-10, 2007.
- Panelist, Greening of Historic Properties National Summit, National Trust for Historic Preservation pre-conference, Pittsburgh, PA, October 30, 2006.
- “Lime and its Place in 21<sup>st</sup> Century Preservation: Combining Tradition with Science,” The National Lime Association, Orlando, FL, March 9-11, 2005. <[www.lime.org/blg/abstracts.pdf](http://www.lime.org/blg/abstracts.pdf)> - click on abstracts.
- “Why Should We Conserve?” Capital Campaign Kick-off, Michigan Aerospace Foundation, April 29, 2004.
- “Preserving Lighthouses, Endangered Beacons of Maritime Tradition,” The Detroit Observatory, University of Michigan, April 6, 2004.
- Keynote Speaker on Historic Preservation and Conservation at Eastern Michigan University, The Underhill Society, Detroit, MI, October 4, 2003.
- Instructor, Association for Preservation Technology International Post Conference Technical Workshop: Masonry Restoration: Mortar Technology. Invited to speak on “Latin American Masonry” and “The Development of Masonry and Mortar in the United States,” Portland, ME, Sept. 21, 2003.
- “Concrete, Mud, and Metal: Interdisciplinary Applications of Computer-Assisted Morphometry,” Black Boxes: Computer Applications and Quantitative Methods in Archaeology, University of Southampton, United Kingdom, May 4, 2003.
- “Preserving the Past for the Future,” Eastern Michigan University President’s Club, Ypsilanti, MI, April 7, 2003.
- “Monitoring Historic Sod Structures: Stereological Solutions to Isolated Architecture,” Annual Conference of The Association for Preservation Technology International, Toronto, Canada, September 14, 2002.

- "Specifying Historic Materials: The Use of Limes," Symposium on Masonry: Opportunities for the 21st Century, ASTM, Salt Lake City, UT, June 25, 2002.
- "Petrochemical Analysis of Coal: Contributions to Reconstructing Supply Systems using Maritime Archaeological Data," 33<sup>rd</sup> International Symposium on Archaeometry, Amsterdam, Netherlands, April 22-25, 2002.
- "Quantifying the Flaws: Computer-Assisted Optical Stereology in the Analysis of Steel from a Maritime Archaeological Site," 33<sup>rd</sup> International Symposium on Archaeometry, Amsterdam, Netherlands, April 22-25, 2002.
- "Conserving Architectural Materials at Eastern Michigan University," Ypsilanti Literary Guild, Ypsilanti, MI, March 13, 2002. Repeated for the Ypsilanti Heritage Foundation, April 3, 2002.
- "Maritime Conservation within the Historic Preservation Program, Eastern Michigan University," the Ypsilanti Rotary Club, Ypsilanti, MI, October 22, 2001.
- "Titanic Conservation within the Historic Preservation Program," Eastern Michigan University President's 6:17 Club, Ypsilanti, MI, October 17, 2001.
- "Fayette Historic Townsite: Maintenance Strategies Using a Field School Approach," Annual Conference of The Association for Preservation Technology International, Asilomar, CA, October 2001.
- "Remembering R.M.S. Titanic," S/S Norway, Norwegian Cruise Lines, at sea, September 7, 2001.
- "Lighthouses: Endangered Guardians of Maritime Tradition," S/S Norway, Norwegian Cruise Lines, at sea, September 6, 2001.
- "The Economy of Tabby Use: An Archaeological Perspective," Annual Meeting of the Society for American Archaeology, New Orleans, LA, April 19, 2001.
- "Testing and Replicating Historic Mortars: Life Without Portland Cement." RILEM Symposium, Paisley, Scotland, 1999.
- "Analyzing Historic Mortars: From In-situ to Laboratory," Annual Meeting of the Waterproofing Contractors Association, Raleigh, NC, March 20, 1998.
- "Handle with Care: Tabby is no Ordinary Concrete," Symposium on The Conservation and Preservation of Tabby, Georgia, South Carolina, and Florida State Historic Preservation Offices, Jekyll Island, GA, February 25, 1998.
- "The Development of Preservation Standards," Annual Conference of The Association for Preservation Technology International, Chicago, IL, September 25, 1997.
- "The Lost Art of Tabby Redefined: A Practical and Cultural Study." Annual Summer Chautauqua Series of Coastal Georgia Historical Society, St. Simons, GA, July 8, 1997.
- "Qualitative Trace Element Analyses: Application of XRF and PIXE in Historic Preservation and Archaeology," 62nd Annual Meeting of the Society for American Archaeology, Nashville, TN, April 4, 1997.
- "The Preservation and Repair of Historic Tabby Structures," Invited Keynote Speaker, Annual Meeting of the Friends of Coastal Georgia History, Sea Island, GA, February 10, 1997.
  - Invitation extended to present at:
    - Sea Island Company, February 9;
    - Frederica Academy, Middle & Upper Schools, February 10;
    - Oglethorpe Point Elementary School, February 10.
- "Applications of Qualitative Trace Element Analyses: An Interdisciplinary Approach to Materials Conservation," Fifth Symposium on Materials Issues in Art and Archaeology, Fall Meeting of the Materials Research Society, Boston, MA, December 5, 1996.
- "Computer-Assisted Optical Stereology in Historic Preservation: Tabby, a Case Study," Annual Conference of The Association for Preservation Technology International, Winnipeg, Manitoba, Canada, September 28, 1996.
- "More With Less: Implications of Tabby Use by Slaves in Coastal Georgia," 61st Annual Meeting of the Society for American Archaeology, New Orleans, LA, April 11, 1996.
- Natchitoches Parish Tourist Commission, Step-On Tour Guide Seminar, February 29, 1996. Invited

lecture on architectural styles and separating fact from fiction.

- "Spotlight," Invited Radio Talk Show with Bill Perdue, KNOC/KDBH, Natchitoches, LA, September 1, 1995. Historic Preservation Interpretation and other upcoming preservation programs with Main Street/NSU Continuing Education were featured.
- "Spotlight," Invited Radio Talk Show with Bill Perdue, KNOC/KDBH, Natchitoches, LA, July 26, 1995. Architectural styles in Natchitoches and future preservation programs were featured.
- "Preservation in Natchitoches," Kiwanis Club of Natchitoches, LA, April 6, 1996.
- "From Rectangles to Anchors and Octagons," Invited Lecture at Eighth Annual Northwestern State University Research Day, Council for University Research Institute Administrators, Natchitoches, LA, March 15, 1995.
- "Making Tabby Bricks," Hands-on experience for 4th graders at St. Francis Xavier, Brunswick, GA., November 21, 1994.
- "From Rectangles to Anchors and Octagons," Symposium on Island Architecture, Coastal Georgia Regional Development Center, St. Simons, GA., July 11, 1994.
- "Tabby, a Unique Coastal Building Material," Symposium, Department of Natural Resources, Sapelo Island, GA., May 24, 1994.
- "Organics vs. Synthetics: Their Use as Additives in Mortars," ICCROM Symposium, Rome, Italy, November 1981. Represented the United Kingdom.

## COURSES TAUGHT

### University of Oregon • Eugene, OR

- Building Pathology - Masonry (AAAP 4/510) (2012)
- Hist Amer Bldgs Surv (aka HABS/HAER) (AAAP 4/510) (2014)
- Historic Structure Reports (AAAP 610) (2012)
- Internship Preparation (AAAP 606) (2013)
- Introduction to Historic Preservation (AAAP 4/511) (2012)
- Research (AAAP 601) (2012-2013)
- Special Problems (AAAP 406) (2013)
- Sustainable Preservation (AAAP 410/510) (2013)
- Terminal Project (AAAP 611) (2012-2013)

### Frank Lloyd Wright School of Architecture • Scottsdale, AZ

- City Planning and Its History
- History of City Planning – Guest Lecturer

### Eastern Michigan University • Ypsilanti, MI

- American Vernacular Architecture (GEOG 548)
- Introduction to Historic Preservation (GHPR 335)
- Architectural Nomenclature (GHPR 475)
- Study in American Architecture (GHPR 479)
- Introduction to Historic Administration (GHPR 533)
- Problems in Architectural Interpretation (GHPR 547)
- Funding Preservation Projects (GHPR 572)
- Principles of Building Technology (GHPR 551)
- International Preservation: A Modern Perspective (GHPR 546)
- Historic Structure Reports/National Register Nominations (GHPR 591)
- Materials Conservation I (GHPR 552)
- Documenting Historic Structures (GHPR 630)
- Independent Study (GHPR 497, 697, 698, 699)
- Final Project/Thesis (GHPR/GEOG 692)

**Northwestern State University • Natchitoches, LA**

- American Architecture Before 1860 (HPRE 3150)
- American Architecture After 1860 (HPRE 3160)
- History of Building Technology (HPRE 3500)
- Materials Conservation Methods (HPRE 4200)
- Methods and Concepts in Historic Preservation (HPRE 4500)
- Recording and Analyzing the Built Environment (HPRE 4300)
- Special Problems in Anthropology (ANTH 4060)
- Special Problems in Historic Preservation (HPRE 4900)

**Armstrong State College • Savannah, GA**

- American History to the Reconstruction (HIST 251)
- Fieldwork in History (HIST 399/698), Seabrook Fieldschool, Liberty Co., GA

References Available Upon Request