

Douglas Porter

School of Engineering, University of Vermont
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Education: Master of Science, Historic Preservation
University of Vermont, 2000-2002

Conservation of Built Heritage
ICCROM, 2007

Professional Experience:

- 2006-2007 Research Faculty, School of Engineering, University of Vermont
- 2002-2006 Research Faculty / Field Study Coordinator, Graduate Program in Historic Preservation,
University of Vermont
- 2002-2007 Field Services Representative, Preservation Trust of Vermont and the National Trust for
Historic Preservation
- 2001-2007 Principal, Porter & Associates Architectural Conservation

Publications / conference presentations:

Presenter, **GSAP Colloquium** / Getty Conservation Institute, Los Angeles, California.

Presenter, **EarthBuild 2005** / University of Technology, Sydney, Australia.

Presenter, **SismoAdobe 2005** / Pontificia Universidad Catolica del Peru, Lima, Peru.

Anthony, R., Fischetti, D., Porter, D., "Assessment and repair of the Breeding Barn at Shelburne Farms", *16th ICOMOS International Wood Committee Conference and Symposium*, Collegio degli Ingegneri della Toscana, Florence, Italy (to be presented November, 2007).

Barrow, J., Porter, D., "Carriage house stabilization at the Las Flores Adobe site: field school training in the conservation of historic adobe structures", *Proceedings, EarthBuild 2005*, University of Technology, 19-21 January, 2005.

Barrow, J., Porter, D., "Evolving methodology in seismic retrofit: stabilizing the Las Flores adobe", *Proceedings, SismoAdobe 2005*, Pontificia Universidad Catolica del Peru, 16-19 May, 2005.

Berryman, S., Porter, D., "*Rancho Santa Margarita y Las Flores: partnering to preserve threatened adobes*", Sustaining Military Readiness Conference 2007, Orlando, FL.

Brownell, M., Dewoolkar, M. M., Hayden, N. J., Rizzo, D., Porter, D., *Interactions of Contaminating Agents with Historic and Common Building Materials*, report submitted to Los Alamos National Laboratory, October 2006.

Fischetti, D., Porter, D., “On acceptable levels of safety in the Breeding Barn at Shelburne Farms”, *Proceedings, V International Conference on the Structural Analysis of Historical Constructions*, New Delhi, India, 5-7 November, 2006.

Yang, D., Currier, R., Dewoolkar, M., Porter, D., *Fundamentals of Agent Fate*, prepared for the Department of Homeland Security, March 2007.

Yang, D., Currier, R., Dewoolkar, M., Porter, D., “Fundamentals of Agent Fate”, prepared for the Department of Homeland Security, March 2007.

Recent Projects:

Development of a curriculum in heritage preservation engineering for the **University of Vermont**, 2007; I am a co-investigator in this ongoing project supported by a grant from the National Center for Preservation Technology and Training

Evaluation of painted woodwork, **Church of San Miguel Arcangel**, Mission San Miguel; serving as a team member in the assessment of interior decorative surfaces in this National Historic Landmark

Structural and seismic stabilization of landmark adobe buildings, **Las Flores Adobe National Historic Landmark**, 2001-2007; this ongoing project is a collaborative effort between the National Park Service, the United States Marine Corps, and the University of Vermont

Structural stabilization of the **Grand Isle Lake House**, 2004-2007; this ongoing project includes structural evaluation and stabilization of a turn-of-the-century wooden hotel building on the shores of Lake Champlain

Structural evaluation, **Breeding Barn, Shelburne Farms National Historic Landmark District**, 2005-2007; serving as design team leader and owner’s representative in the structural evaluation of a landmark building designed by Robert Henderson Robertson for the Webb/Vanderbilt family

Historic structure report preparation, **Santa Margarita Ranch House**, 2005-2007; this ongoing project includes development of design options for seismic stabilization of a large adobe building on Camp Pendleton, and is a collaborative effort of the United States Marine Corps and the University of Vermont

Research coordinator, **Agent Fate Project**, University of Vermont / Los Alamos National Laboratory, 2003-2006; this project was focused on evaluating decontamination strategies for historic buildings and other high-value facilities

Masonry conservation, **Farm Barn, Shelburne Farms National Historic Landmark District**, 2005-2007; serving as design team leader and lead conservator in the treatment

of stone elements and historic parge coatings of this landmark building designed by Robert Henderson Robertson for the Webb/Vanderbilt family

Post Hospital Restoration Project, **Fort Davis National Historic Site**, 2005-2007; this ongoing project is a collaborative effort of the National Park Service and the University of Vermont

Masonry evaluation and restoration, **Shelburne House, Shelburne Farms National Historic Landmark District**, 2005-2007; serving as design team member and lead conservator in the evaluation of brick and stone masonry in this country estate designed by Robert Henderson Robertson for the Webb/Vanderbilt family

Preservation and adaptation, **Pierce House and Store**, 2004-2007; this ongoing project involves preservation of a nineteenth century building complex and adaptation of building interiors to a general store operation

Instructor, **Conservation Seminar in Wood** offered by the Graduate Program in Historic Preservation, University of Pennsylvania, Spring 2001, Fall 2002, Spring 2005, Fall, 2006

Log conservation, **Bandelier National Monument**, 1999-2001

Instructor, **Historic Buildings Assessment**, Yestermorrow School of Building and Design, 2001-2005

Instructor, **Viga Conservation Techniques**, Historic Preservation Training Center Conference, 2001

Accessible vestibule project, **Catholic Church of St. Vincent Ferrer**, New York City, 2000

Emergency stabilization and log conservation, **Painted Desert Inn National Historic Landmark**, National Park Service, 2000

Structural stabilization / wood conservation, **Lake Valley National Historic Site**, 1999; this project was a collaborative effort of the National Park Service and the Bureau of Land Management

Professional Affiliations:

Member, Association for Preservation Technology

Member, Timber Framers' Guild

Member, ICOMOS International