Mesa to Mountain: Preservation in the American West

March 23-25, 2017

Salt Lake City, UT
Mesa to Mountain: Preservation in the American West

is hosted by the Rocky Mountain Chapter, in cooperation with the Western and Pacific Northwest Chapters, of the Association for Preservation Technology International (APT). APT is an approved provider of American Institute of Architects continuing education Learning Units. Learning Units will be available for paper sessions and field sessions.

Symposium Planning Committee
Kent Diebolt • Co-Chair
Donald Hartley • Co-Chair
David Richardson
Anne Oliver
Robert Young
Emily Utt
John Lambert
Charles Shepherd
Kristen Olson

Symposium Host • APT Rocky Mountain Chapter
Kristen Craig • President
Bret Johnson • Treasurer
Natalie Lord • V. President & Website Administrator

Co-Host • APT Western Chapter
Kelly Wong
Payal Vora
Mark Huck

Co-Host • APT Northwest Chapter
Brian Rich
Rhoda Lawrence

With Support From
Janet Bascom • APTI
Greta Wilhelm • APTI Co-Chair • Chapters Committee
Natalie Feinberg Lopez • APTI Co-Chair • Chapters Committee
SPONSORS

Leadership
Vertical Access LLC
Alta Access LLC

Presenting
Hydro-Tech, Inc.
Restoration Services

Partner
Abstract Masonry Restoration
Capitol Hill Construction
Child Enterprises
Conservation Solutions, Inc.
Jacobsen Construction
Reaveley Engineers + Associates
SWCA Environmental Consultants
College of Architecture + Planning, University of Utah

Additional
FFKR Architects
Historical Arts & Casting
Moreton & Company
Preservation Utah
Utah Division of State History
# SCHEDULE

## Mesa to Mountain: Preservation in the American West

### Thursday, March 23

**Alta Club | 100 E S Temple**

- **7:00 - 9:30** Symposium Opening Plenary & Reception | The Architectural History of Utah  
  → Peter Goss, Ph.D.  
  *Made possible with support from the Utah Division of State History.*

### Friday, March 24

**Joseph Smith Memorial Building | 15 E S Temple**

- Please note: Coffee and alcohol are not permitted in the Joseph Smith Memorial Building

- **8:00 - 8:45** Registration
- **8:45 - 9:00** Welcoming Remarks
- **9:00 - 10:30** Keynote Addresses
  - Paths, Pathogens, Ponies, and Wheels: How Trails Changed the Cultural Geography of America  
    → Lee Kreutzer  
    *Cultural Resource Specialist, NPS National Trails System*  
    → Derek Nelson (co-author)
  - Introduction to the Vanishing Treasures Program  
    → Katherine Wonson • Director, Western Center for Historic Preservation, NPS Vanishing Treasures Program
- **10:30 - 11:00** Break
- **11:00 - 12:30** Morning Paper Session
- **12:30 - 1:30** Lunch provided at the Joseph Smith Memorial Building
- **1:30 - 3:00** Afternoon Paper Session 1
- **3:00 - 3:30** Break
- **3:30 - 5:00** Afternoon Paper Session 2
- **6:00 - 9:30** Evening Social Event • Memorial House | 375 North Canyon Road

### Saturday, March 25

**Meeting Locations TBA**

- **8:30 - 5:00** Full-Day Field Sessions with lunch provided  
  → Antelope Island State Park  
  → Cast Metal and Local Trails  
  → Salt Lake City Seismic
<table>
<thead>
<tr>
<th>Time</th>
<th>Paper Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00 am-12:30 pm</td>
<td>Seismic</td>
<td>Cameron Empey &amp; Mason Walters</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Utah State Capitol</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nancy Goldenberg &amp; Stephen Harris</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rocking Seismic Shear Walls at the War Memorial Veterans Building</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Minimally-Disruptive Seismic Strengthening and Adaptive Re-Use of the Hibernia Bank Building</td>
</tr>
<tr>
<td>1:30 pm-3:00 pm</td>
<td>Seismic</td>
<td>Craig Wilkinson</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Preserving an Historic Treasure — Tabernacle on Temple Square</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Jesse Malan</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rising from the Ashes — Provo City Center LDS Temple</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Melvyn Green</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Perspectives on the Seismic Retrofit of Historic Buildings</td>
</tr>
<tr>
<td>3:30 pm-5:00 pm</td>
<td>Materials: Wood</td>
<td>Katherine Wonson</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Preserving the Traditional: The Limits of Traditional Skills as a Preservation Approach</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Courtney Magill</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Performance Assessment and Evaluation of Hydrophobic and Ultraviolet Protective Treatments for Historic Log Structures</td>
</tr>
<tr>
<td></td>
<td></td>
<td>John Lesak, Lindsay Miller &amp; Drew Gorski</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Redwood Reborn: Rehabilitation of the Carson Block Building</td>
</tr>
<tr>
<td>Time</td>
<td>Speaker</td>
<td>Title</td>
</tr>
<tr>
<td>--------------</td>
<td>----------------------------------</td>
<td>-----------------------------------------------------------------------</td>
</tr>
<tr>
<td>11:00 am-12:30 pm</td>
<td>Jack Pyburn</td>
<td>Mid Century Architectural Precast Concrete and the Influence of the Rocky Mountain Region on Architecture of that Period</td>
</tr>
<tr>
<td></td>
<td>Craig Child</td>
<td>The Joseph Smith Memorial Building — An Evolution in Terra Cotta Construction &amp; Preservation</td>
</tr>
<tr>
<td></td>
<td>Dave Anderson</td>
<td>Building on Dragons — The Challenges of a Moving Landscape: The Quarry Visitor Center at Dinosaur National Monument</td>
</tr>
<tr>
<td>1:30 pm-3:00 pm</td>
<td>Angelyn Bass &amp; Doug Porter</td>
<td>Decorated Earthen Plaster and Wood: A 12th Century Kiva at Bare Ladder Ruin, Natural Bridges National Monument, Utah</td>
</tr>
<tr>
<td></td>
<td>Jedidiah Williamson</td>
<td>Earth Construction Mix Design</td>
</tr>
<tr>
<td></td>
<td>Frank Matero</td>
<td>Mudbrick Metaphysics and the Preservation of Earthen Ruins in the Intermountain West</td>
</tr>
<tr>
<td>3:30 pm-5:00 pm</td>
<td>Michael Schuller &amp; John Feinberg</td>
<td>Characteristics and Preservation of CCC Construction</td>
</tr>
<tr>
<td></td>
<td>James Mason</td>
<td>Spruce Tree House Alcove Sandstone Arch, Mesa Verde National Park</td>
</tr>
<tr>
<td></td>
<td>Stephanie Hoagland</td>
<td>Gold Rush, Ghost Towns, and Grave Yards: Conservation of Abandoned Cemeteries in the West</td>
</tr>
<tr>
<td>Time</td>
<td>Speaker</td>
<td>Presentation Title</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------------</td>
<td>-------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>11:00 am-</td>
<td>Anne Oliver</td>
<td>How Beautiful Upon the Mountains? Preservation Problems and Solutions for Park City’s Abandoned Mine Sites</td>
</tr>
<tr>
<td>12:30 pm</td>
<td>Ron Anthony &amp; Doug Porter</td>
<td>Timber Structures and the Industrialization of the Rocky Mountain West</td>
</tr>
<tr>
<td></td>
<td>Joe Sembrat</td>
<td>The Conservation of Industrial Archeology and its Role in Preserving the History of the American West</td>
</tr>
<tr>
<td>1:30 pm-</td>
<td>Nancy Mahaney</td>
<td>Cultural Landscapes: Cultural Heritage and Preservation Policy in Regional Perspective</td>
</tr>
<tr>
<td>3:00 pm</td>
<td>Lesley Gilmore</td>
<td>Rehabilitating the Old Faithful Haynes Photo Shop in Yellowstone National Park</td>
</tr>
<tr>
<td></td>
<td>Ione Stiegler</td>
<td>Restoration Informed by Archeology of a Mexican-American Adobe Ranch House</td>
</tr>
<tr>
<td>3:30 pm-</td>
<td>Ivan Myjer</td>
<td>Adapting to Local Materials — Masonry Construction at the Five Spanish Missions in San Antonio, Texas</td>
</tr>
<tr>
<td>5:00 pm</td>
<td>Frank Sanchis</td>
<td>Conserving a Sub-House at Taos Pueblo, New Mexico</td>
</tr>
<tr>
<td></td>
<td>Julia Ausloos (co-author Mary Ringhoff)</td>
<td>The Past and Future of Ryan, California: Preservation Challenges in a Death Valley Mining Town</td>
</tr>
</tbody>
</table>
Field Session 1 | Antelope Island State Park

Antelope Island is a Utah state park in the Great Salt Lake, about one hour north of Salt Lake City. The field session will begin at the park visitor center on the north end of the island, where the Executive Director of the Friends of the Great Salt Lake will discuss the natural history and ecology of this unique place.

We’ll then drive south, stopping along the way for views of the lake and abundant wildlife like waterfowl, bison and pronghorn antelope. Our destination is a historic ranch that was established in 1848 by the island’s first permanent resident, Fielding Garr, who was sent to the island by the Mormon Church to oversee the church’s sheep and cattle herds.

We’ll have lunch and then tour the well-preserved ranch buildings, including an 1848 adobe ranch house, bunkhouse, and sheep barn, all the while taking in the spectacular view across the lake to the Wasatch Mountains. Wear comfortable shoes and dress for changeable weather.

Field Session 2 | Cast Metal and Local Trails

Part A – Historical Arts & Casting

Salt Lake City is privileged to be the home of Historical Arts & Casting (HACI), one of the premier ornamental metalcasters in the United States and abroad.

HACI recently collaborated on the restoration of the cast iron dome of the US Capitol in Washington, DC.

For over forty years, HACI has been actively involved in the design, manufacturing, installation and restoration of cast metal ornamentation – learn how everything comes together under one roof.
Part B – Salt Lake City, Crossroads of the West

Many trails in the American West intersected in the Salt Lake Valley. This walking tour will explore 19th century emigration and settlement through a series of significant sites in Salt Lake City. Places and information will be related to the California Trail and the Hastings Cutoff (Donner Party), the Mormon emigration and establishment of the city, and the Pony Express and transcontinental telegraph. The significance of native tribes and mountain men will also be considered in this story of intersecting trails.

**Note:** Downtown Salt Lake City is pedestrian-friendly, but distances shown graphically on printed guides can be deceptive. City blocks are 1/8 mile in length and the streets are extra-wide. A 3-block walk in Salt Lake City is equivalent to 5 or 6 blocks in other towns. Wear comfortable walking shoes and consider carrying a water bottle. And come prepared for cold, windy weather—we never know what to expect in March here on the western range of the Rocky Mountains.

Field Session 3 | Salt Lake City Seismic

Building on the seismic paper sessions, this field session will provide in-depth review of completed and in-progress structural upgrades and seismic mitigation retrofits.

The base isolators, structural upgrades and other aspects of comprehensive restorations will be viewed at the Utah State Capitol and the Salt Lake City-County Building. The latter building was the first historic building in the United States to receive a seismic upgrade using base isolators and is currently receiving additional structural changes.

The Tabernacle on Temple Square will be visited to learn more about the upgrade of this unique structure and its setting. The field session may also include tours of an in-progress historic renovation/seismic retrofit of the 1935 library at the University of Utah and other recent Salt Lake City projects.

**Note:** While a bus will transport us between sites, this field session will involve substantial walking and climbing of stairs and some short fixed ladders. Active construction sites will be visited so personal protective equipment will be required (bring your own if possible). Rough walking surfaces, dust, snagging surfaces, etc. are likely so please dress appropriately.
Symposium Locations

A  Joseph Smith Memorial Building
B  Alta Club

Suggested Hotels

C  Peery Hotel
D  Kimpton Hotel Monaco Salt Lake City
E  Salt Lake Plaza Hotel Temple Square
F  Salt Lake Marriott Downtown at City Creek