

Professional Experience

2013-2017 Research Assistant Professor of Anthropology, University of New Mexico
2008-2017 Principal, Conservation Associates
2011-2013 Research Assistant Professor, School of Architecture and Planning, University of New Mexico
1998-2008 Exhibits Specialist/Architectural Conservator, National Park Service
1995-1997 Research Fellow, Getty Conservation Institute

Education

2006 Master of Business Administration, Anderson School of Management, University of New Mexico
1998 Master of Science, Historic Preservation, Graduate School of Fine Arts, University of Pennsylvania
1986 Bachelor of Arts, Art History, School of Fine Arts, University of California at Santa Barbara

Areas of Expertise

- Condition assessment, materials analysis and conservation of plaster, wall paintings, and architectural features *in situ*
- Preservation and management planning for archaeological and historic structures and sites
- Conservation training

Grant-Funded Research at the University of New Mexico

2017-2019 Plaster Treatment Planning at Tonto and Montezuma Castle National Monuments. National Park Service, CESU, PI: A Bass

2015-2019 Documentation and Implementation of Treatment Plans at Casa Grande Ruins and Montezuma Castle National Monuments. National Park Service, CESU, PI: A Bass

2014-2019 Archaeological Analysis, Documentation, and Development of Pilot Conservation Treatments for the Great House, Casa Grande Ruins National Monument. National Park Service, CESU, PI: A Bass

2014-2018 Documentation and Preservation of Inscriptions, El Morro National Monument. National Park Service, CESU, PI: A Bass

2013-2014 Condition Assessment and Treatment Planning for the Great House, Casa Grande Ruins National Monument. National Park Service, CESU, PI: A Bass

2013-2015 Condition Assessment and Treatment Planning for Prehistoric Earthen Plasters and Masonry at Bare Ladder Ruin, Natural Bridges National Monument. National Park Service, CESU, PI: A Bass

2013-2015 Condition Assessment and Treatment Planning for the Ancient Plasters Montezuma Castle, Phases I & II. National Park Service, CESU, PI: A Bass

2013-2015 Develop and Test Graffiti Mitigation Techniques at the Barker Dam Historic Site, Joshua Tree National Park. National Park Service, CESU, PI: A Bass

2013-2016 The Study of Exterior Renders for the Dome of the Mission Church, Tumacacori National Historical Park. National Park Service, CESU, PI: A Bass

2010-2014 Structural Evaluation and Modeling of Cavate B002 at Bandelier National Monument. National Park Service, CESU, PI: D, Porter; Co-PI: A Bass

2012-2014 Assess Condition of the Millwork and Provide Treatment Recommendations for Pigeon's Ranch, Pecos National Historical Park. National Park Service, CESU, PI: D, Porter; Co-PI: A Bass

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- 2012-2013 Mitigate Graffiti on the Oñate Panel, Inscription Rock, El Morro National Monument. National Park Service, PI: A Bass
- 2012-2013 Emergency Stabilization, Assessment and Treatment of Painted Plasters in the Mission Church, Tumacacori National Historical Park, Tumacacori, AZ. National Park Service, CESU, PI: D, Porter; Co-PI: A Bass

Publications: Peer-reviewed Journal Articles, Book Chapters, and Edited Volumes

- 2018 (in review) Guebard, Matthew C., Bass, Angelyn, Porter, Douglas. "Colored Plasters and Cultural Meaning at the Montezuma Castle Cliff Dwelling and Casa Grande Great House" in *Journal of Arizona Archaeology*
- 2017 Bass, Angelyn, Porter, Douglas, Spilde, Mike, Guebard, Matthew, Shaum, Katherine, and Ferriola, Nicholas "Characterization and Comparative Analysis of Ancient Earthen Plasters from the American Southwest." *MRS Advances*, 1-34. Cambridge University Press doi:10.1557/adv.2017.240.
- 2017 Porter, Douglas, Broxton, David, Bass, Angelyn, Neher, Deborah, Weicht, Thomas, Longmire, Patrick, Domingue, Rebecca, Spilde, Michael, "Role of Case Hardening in the Preservation of the Cavates and Petroglyphs of Bandelier." *MRS Advances*, 1-37. Cambridge University Press doi:10.1557/adv.2017.277.
- 2016 Porter, Douglas, Broxton, David, Bass, Angelyn, Neher, Deborah, Weicht, Thomas, Spilde, Michael, Longmire, Patrick, Domingue, Rebecca. "The Role of Biofilms and Lichens in the Preservation of Archaeological Features in the Bandelier Tuff, Bandelier National Monument", *Diadrisis / e-dialogos: Interdisciplinary Research on Archaeology and Architectural Conservation*, No. 5, May 2016.
- 2014 Bass, Angelyn. "Chapter 5: Carved in the Cliffs: the Cavate Pueblos of Frijoles Canyon," in *Living the Ancient Southwest: Essays by Anthropologists and Native Americans*, ed. David Grant Noble, Santa Fe: School of American Research.
- 2011 Rainer, Leslie, Angelyn Bass Rivera and David Gandreau, Editors. *Proceedings of Terra 2008, the Tenth International Conference on the Study and Conservation of Earthen Architectural Heritage, February 2008*. The Getty Conservation Institute.
- 2006 Rainer, Leslie and Angelyn Bass Rivera, Editors. *The Conservation of Decorated Surfaces on Earthen Architecture: Proceedings from the International Colloquium, 22-25 September 2004, Mesa Verde National Park, Colorado, USA*. Getty Conservation Institute.
- 2005 Bass Rivera, Angelyn. "Chapter 11: Carved in the Cliffs: the Cavate Pueblos of Frijoles Canyon," in *The Peopling of Bandelier: New Insights from the Archaeology of the Pajarito Plateau*, ed Robert P. Powers, Santa Fe: School of American Research, 2005.
- 2004 Bass Rivera, Angelyn, Brian Culpepper, Jake Barrow and Preston Fisher. "Partial Reburial of West Ruin at Aztec Ruins National Monument," in *The Conservation and Management of Archaeological Sites*, Volume 6, #3&4.
- 1997 Bass, Angelyn, and Jake Barrow. "18th-Century Plasters Preserved: Conservation in the Convento of Mission San Jose," in *CRM (Cultural Resources Management)*, Volume 20, #10, 1997.
- 1995 Matero, Frank, and Angelyn Bass. "The Design and Evaluation of Hydraulic Lime Grouts for the Reattachment of Lime Plasters to Earthen Walls," in *The Conservation and Management of Archaeological Sites*, Volume 1, #2, 1995.
- 1994 Matero, Frank, and Angelyn Bass. "Orphans of the Storm: The Preservation of Architectural Plasters," in *CRM*, Volume 17, #4, 1994.

Peer-reviewed conference proceedings

- 2014 Bass, Angelyn and Douglas Porter. "Moisture Distribution, Structural Monitoring, and Decorative Plaster Conservation: The Adobe Church at Mission Tumacacori, USA", *Proceedings, 9th International Masonry Conference 2014*, Guimaraes, Portugal.
- 2014 Porter, Douglas and Angelyn Bass. "Shelburne Farms: Restoration and Conservation of a Gilded-Age Estate Garden", *Proceedings, 9th International Masonry Conference 2014*, Guimaraes, Portugal.
- 2014 Broxton, Dave, Douglas Porter, Angelyn Bass, and Rebecca Domingue. "Case Hardening and the Weather Resistance of Rhyolitic Tuff: Preservation of the Cavates and Petroglyphs of Bandelier National Monument", *Proceedings, 9th International Masonry Conference 2014*, Guimaraes, Portugal.
- 2010 Holmlund, Jim, Angelyn Bass Rivera, and Lauren Meyer. "Documentation and Laser Scanning of the Cavates in Bandelier National Monument, New Mexico" in *The Conservation of Archaeological Materials: Current Trends and Future Directions*. Editors Emily Williams and Claire Peachey, Archaeopress, England.
- 2006 Bass Rivera, Angelyn, Leslie Rainer and Lydia Vagts. "Out of their Native Earth: The History of Excavation and Conservation of Ancient Hopi murals from Awatovi and Kawaika-a,"
Bass Rivera, Angelyn, Claudia Cancino, Rebecca J. Carr, Kecia Fong, Mary Hardy, and Leslie Rainer. "Summary Discussion,"
Bass Rivera, Angelyn "Conclusion,"
in Rainer, Leslie and Angelyn Bass Rivera, Editors. *The Conservation of Decorated Surfaces on Earthen Architecture: Proceedings from the International Colloquium, 22-25 September 2004, Mesa Verde National Park, Colorado, USA*. Getty Conservation Institute.
- 2000 Fiero, Kathleen, Frank G. Matero, and Angelyn Bass Rivera. "Preservation of Prehistoric Earthen Architectural Finishes in Mesa Verde National Park, Colorado," in *Terra 2000, 8th International Conference on the Study and Conservation of Earthen Architecture, Torquay, Devon, UK, May 2000*. UK: English Heritage.
- 1996 Demas, Martha, Neville Agnew, Simon Waane, Jerry Podany, Angelyn Bass and Donatius Kamamba "Preservation of the Laetoli Hominid Trackway in Tanzania," in *Archaeological Conservation and its Consequences, Preprints of the Contributions to the Copenhagen Congress, 26-30 August, 1996*. London: IIC.

Other Professional Projects

- Conservation of the San Bartolo Mural Fragments Project: Murals In Motion, Antigua, Guatemala NEH Collaborative Research Grant, #RZ51575, PI: H Hurst (Conservator)
- Assessment and conservation of the historic wall paintings, Desert View Watchtower, Grand Canyon National Park, AZ (Lead Conservator)
- Assessment and pilot treatment of the Bartlett Cabin, Pecos National Historical Park, NM (Conservator)
- Condition assessment and treatment planning for conservation of The Paradise of Bhaisajyaguru and the Paradise of the Tejaprabha Buddha, University of Pennsylvania Museum of Archaeology and Anthropology (Consultant)
- Assessment and conservation of the wall paintings in the Altar Room, Hopi House, Grand Canyon National Park, AZ (Lead Conservator)
- Assessment and stabilization of Stahly Labyrinth, Albany NY (Conservator)
- Study and restoration/rehabilitation of the Las Flores Adobe, Camp Pendleton, CA (Conservator)
- Assessment and emergency stabilization of decoratively painted structural wood and plaster, Church of San Cristobal Rapaz, Peru (Conservator)
- In situ* wall painting conservation at San Bartolo, El Petén, Guatemala (Conservator)

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Condition assessment of First and Second Forts, Fort Bowie National Historic Site, AZ (Conservator)

Wall paintings condition assessment and conservation at Xultun, El Petén, Guatemala (Conservator)

Conservation of the cast stone and marble sculpture at the Formal Garden, Shelburne Farms National Historic Landmark District, VT (Conservator)

Investigation of the biotic/abiotic crusts that develop on the Bandelier tuff and their roles in the preservation of archeological features carved in the rock, Bandelier National Monument, NM (Researcher)

Development of a stabilization plan for historic ranch houses, White Sands Missile Range, NM (Conservator)

Wall painting survey, condition assessment, treatment planning and pilot treatment of the decorative colonial lime stuccos at Mission Concepcion, San Antonio, TX (Lead Conservator)

Evaluation and pilot treatment of decorated stuccos, the mission churches of Mission Nuestra Señora de La Purísima Concepción de Acuña, San Jose, and Espada, San Antonio, TX (Lead Conservator)

Testing and pilot treatments for the exterior redwood at Scotty's Castle, Death Valley National Park, CA (Conservator)

Structural condition assessment and nondestructive evaluation of Alcove House Kiva, Bandelier National Monument, NM (Conservator)

Condition assessment of wall paintings, Church of San Augustin, Pueblo of Isleta, NM (Lead Conservator)

Evaluation of painted wood, Church of San Miguel Arcangel, Mission San Miguel, San Miguel, CA (Conservator)

Preparation of the Frijoles Canyon Cavate Conservation Plan, Bandelier National Monument, NM (Conservator)

Preservation and restoration of the Post Hospital, Fort Davis National Historic Site, TX (Conservator)

Conservation of the Awatovi murals, Museum of Northern Arizona, Flagstaff, AZ (Conservator)

Condition assessment and recommendations for preservation of the Torreón at Las Golondrinas, NM (Lead Conservator)

In situ stabilization of architectural sculpture at Piedras Negras, Guatemala (Conservator)

Wall paintings condition assessment and documentation at Holmul, El Petén, Guatemala (Conservator)

Conservation of the hominid trackway at Laetoli, Tanzania (Research Fellow)

Additional Information

2001-present Professional Associate, The American Institute for Conservation of Historic and Artistic Works

2011-present Member, International Institute for Conservation of Historic and Artistic Works

Languages Spanish

Awards New Mexico Archaeological Heritage Preservation Award, 2008