

Dr. Emily J. Brown, R.P.A.
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Education:

1994 B.A. with honors in both anthropology and music from Lewis and Clark College, Portland, OR.

1998 M.A. in archaeology from Columbia University, New York, NY.

1999 M.Phil. in archaeology from Columbia University, New York, NY.

2005 Ph.D. in archaeology from Columbia University, New York, NY.

Work Experience:

April 2005 to present: President of Aspen CRM Solutions, a cultural resource management company specializing in archaeology and historic preservation, and partner in High Desert Images, a professional photography and fine art printing firm. Information on Aspen CRM Solutions can be found at www.aspencrmsolutions.com; information on High Desert Images can be found at www.highdesertimages.com. Recent contracts awarded to Aspen CRM Solutions include:

- Archaeological Site Documentation and ASMIS Update, Guadalupe Mountains National Park, 2008, \$24,950.
- Archaeological Investigation of Pigeon's Ranch, Pecos National Historical Park, 2008 (grant from the Western National Parks Association for \$5280).
- Tribal Consultation for the Headquarters Solar Array, Death Valley National Park, 2007, \$3500.
- Condition Assessment and Documentation of Comanche Gap, Pueblo San Lazaro, and San Jose de las Huertas, Office of Archaeological Studies, State of New Mexico, 2007, \$8000.
- Condition Assessment of 101 Archaeological Sites, Pecos National Historical Park. For Ron Winters, Archaeologist, \$3800.
- Lithic Analysis and Artifact Photography, Aztec Ruins National Monument, 2007, \$3300.
- Archaeological Compliance in the Area of Direct Impact, Furnace Creek Water System, Death Valley National Park, 2007, \$19,500.
- Condition Assessment of Cultural Resources in the Kelly Fire Complex, Death Valley National Park, 2006-2007, \$45,000.
- Archaeological Data Recovery at LA 135868 and LA 135870 in the Tesuque Ridge Ranch Development, Santa Fe, Blattland LLC, 2006, \$14,000.
- Archaeological Survey of the Furnace Creek Water System Area, Death Valley National Park, 2005-2006, \$50,000.

February 2000 to April 2005: Archaeologist at the Intermountain Regional Office—Santa Fe of the National Park Service. Duties include historic structure and archaeological site condition assessment and documentation, archaeological survey, excavation, cultural resource database creation and management, electronic document archives development, stabilization treatment recommendations, Section 106 compliance, National Historic Landmark nomination preparation, interpretive exhibit design and implementation, budget and project tracking, supervision and training of student interns and field crew members, software support and training for park staff, and other aspects of cultural resource management.

July 2001 to September 2002: Archaeologist in the Architectural Conservation Division of the National Park Service Intermountain Support Office. Duties include cultural resource database creation and management, electronic document archives development, archaeological survey, historic structure and archaeological site condition assessment and documentation, resource management data collection design, stabilization treatment recommendations, Section 106 compliance, National Historic Landmark nominations, budget and project tracking, supervision and training of student interns and field crew members, software support and training for park staff, and other aspects of cultural resource management.

Sept. 1999 to Feb. 2000: Archaeology Technician at Bandelier National Monument. Duties included completing the archaeological survey at the Tsankawi Unit of the Park (including establishing GPS coordinates) and writing up the results, as well as constructing modules for the Archaeological Site Management Information System (ASMIS) database and entering data on the 2200+ sites within park boundaries for use with Environmental Impact Statements and other cultural resource management decisions.

May through July, 1998 and 1999: Archaeologist for the American Museum of Natural History at the site of San Marcos Mission, New Mexico, David Hurst Thomas PI. Responsibilities included remote sensing with a soil resistivity meter, and all aspects of excavation and processing of artifacts during a normal field season. During the summer of 1998 I also volunteered at Mesa Verde National Monument, working with the post-burn field crew in the condition assessments of archaeological sites burned in the recent fire, and in the stabilization treatments done to protect the sites from increased runoff and erosion.

School Year during 1998 and 1999: Teaching Assistant for classes taught in the anthropology department at Columbia University, specifically: Rise of Human Society, Rise of Civilization, and Introduction to Anthropology. Responsibilities included grading assigned papers and exams, leading discussion sections, occasional full lectures, and assigning final grades.

May through July 1997: Laboratory Director for the University of Arizona Archaeological Field School held in Pinedale, Arizona led by Barbara J. Mills for the excavation of the Bailey Ruin and Cothrun's Great Kiva. Duties included all aspects of excavation in addition to those of organizing, cleaning, and packaging artifacts and teaching those techniques to the field school students, and the recovery of botanical materials through flotation.

Dec. 1996 through Aug. 1999: Independent Contractor working to update the List of Classified Structures databases for the National Park Service System Support Offices in Denver and Santa Fe, and for Dinosaur National Monument. Also worked for independent computer consulting firm constructing and managing Access databases for various companies.

Oct. 1994 through Aug. 1996: Archaeology Technician for the Southwest Regional Office of the National Park Service. Responsibilities included formatting Archaeological Survey Reports; entering data from archaeological surveys using DBase; and creating 3-D computer models of archaeological sites using Photomodeler. In particular, I was the primary person responsible for carrying out the photography, fieldwork, and data entry for the List of Classified Structures for the entire Southwest Region and for portions of the Colorado Plateau Region.

June through Sept. 1994: Student Conservation Association Volunteer at Bandelier National Monument. Projects included trail monitoring, controlled burn monitoring plot installation, visitor center display set up, data entry, and collection and analysis of archaeological artifacts from revegetation plots as part of the Section 106 compliance process.

Other Qualifications, Honors, and Awards:

- 2005 Listed on the Register of Professional Archaeologists maintained by the Society of American Archaeology
- 2004 Certificate of Appreciation from the National Park Service for assistance with emergency archaeological work associated with the 2004 flash floods.
- 2001 Canon National Parks Science Scholar Award (3 years of funding to complete Ph.D.), Access database training course, Wilderness First Aid course
- 2000 Special Service Award from Canyon de Chelly National Monument for condition assessment work during the summer field season
- 1997-1999 Three Stigler Summer Research Grants from Columbia University
- 1996 4-year Faculty Fellowship to Columbia University and Lorrin T. Brownmiller Anthropology Scholarship
- 1996 Citation of Excellence from the National Park Service Denver Office for work on the List of Classified Structures

I hold membership in the Society for American Archaeology. I am on the Board of Trustees for the Archaeological Society of New Mexico (ASNM) and Friends of the Pecos National Historical Park, and I am the editor of the of the ASNM annual volumes.

Training:

Section 106 compliance, ARPA, basic and wilderness first aid

Papers Authored:

Brown, Emily

- 2008 Archaeological Investigation at Pigeon's Ranch, Pecos National Historical Park, Year 1. MS on file at Pecos National Historical Park.

The Creston Dike/Comanche Gap, LA 76065. MS on file at the Office of Archaeological Studies, Santa Fe, New Mexico.

Pueblo San Lazaro, LA 91 and 92. MS on file at the Office of Archaeological Studies, Santa Fe, New Mexico.

Musical Instruments in the Prehispanic Southwest. *Park Science* (in press).

Tribal Consultation for the Installation of the Solar Array, Headquarters, Death Valley National Park. MS on file at Death Valley National Park.

Excavation of a Hearth in the Furnace Creek Water Pipeline Corridor, Death Valley National Park. MS on file at Death Valley National Park.

- 2007 Archaeological Documentation and Condition Assessment of Cultural Resources in the Kelly Complex Fires. MS on file at Death Valley National Park.

Archaeological Investigation of the Area of Direct Impact for the Furnace Creek Water System Project, Death Valley National Park. MS on file at Death Valley National Park.

- 2006 Archaeological Survey of the Furnace Creek Wash Water System Area, Death Valley National Park. MS on file at Death Valley National Park.

2005 Research Design for the Archaeological Inventory of National Park Service and Timbisha Shoshone Co-Managed Lands, Death Valley National Park. MS on file at Death Valley National Park.

Changing Sound Production Technology of Prehistoric Flutes from the American Southwest. *Voice of the Wind* Vol. 3.

“They Made Many Tunes”: Southwestern Flutes in Spanish Accounts, Early Anthropological Studies, and Puebloan Mythology. *Voice of the Wind* Vol. 2.

Post-Flashflood Archaeological Survey and Condition Assessment of the Furnace Wash Alluvial Fan, Death Valley National Park. MS on file at Death Valley National Park and the National Park Service Intermountain Support Office, Santa Fe.

Post-Flashflood Archaeological Survey of the Area East of Badwater Road from the Junction with Highway 190 to Artist’s Drive. MS on file at Death Valley National Park and the National Park Service Intermountain Support Office, Santa Fe.

Instruments of Power: Musical Performance in Rituals of the Ancestral Puebloans of the American Southwest. Ph.D. Dissertation submitted to the Department of Anthropology, Columbia University.

2004 Archaeological Scope of Work for the Bonnie Claire Road, Death Valley National Park. MS on file at Death Valley National Park and the National Park Service Intermountain Support Office, Santa Fe.

Brown, Emily, editor

2008 *La Jornada* 36 (1), Archaeological Society of New Mexico.

2007 *La Jornada* 35 (4), Archaeological Society of New Mexico.
La Jornada 35 (3), Archaeological Society of New Mexico.
La Jornada 35 (2), Archaeological Society of New Mexico.
La Jornada 35 (2), Archaeological Society of New Mexico.

2006 *La Jornada* 34 (4), Archaeological Society of New Mexico.
La Jornada 34 (3), Archaeological Society of New Mexico.
La Jornada 34 (2), Archaeological Society of New Mexico.
La Jornada 34 (1), Archaeological Society of New Mexico.

2005 *La Jornada* 33 (4), Archaeological Society of New Mexico.

Brown, Emily and Heather Atherton

2003 Excavation and Historic Preservation of the Old Lady Gay Ranch House, Bonito Creek, Safford, Arizona. MS on file at the Safford District Office of the Bureau of Land Management and the National Park Service Intermountain Support Office, Santa Fe.

2008 San José de las Huertas. MS on file at the Office of Archaeological Studies, Santa Fe, New Mexico.

Brown, Emily, Glenn Simpson, and Mark Mortier

2003 Report of the Archaeological Documentation and Condition Assessment for the Fall 2002 Season of the Abandoned Mineral Lands Project, Death Valley National Park. MS on file at Death Valley National Park and the National Park Service Intermountain Support Office, Santa Fe.

Report of the Archaeological Documentation and Condition Assessment for the Spring 2003 Season of the Abandoned Mineral Lands Project, Death Valley National Park. MS on file at Death Valley National Park and the National Park Service Intermountain Support Office, Santa Fe.

Brown, Emily and Ron Winters

2005 Archaeological Data Recovery for LA 135868 and LA 135870 in the Tesuque Ridge Ranch Development, Santa Fe, New Mexico. MS on file with Blattland, LLC and Santa Fe Planning.

2007 Condition Assessment of 101 Archaeological Sites at Pecos National Historical Park. MS on file at Pecos National Historical Park.

Donald, Emily

2000 Determining Archaeological Site Conditions for Entry into ASMIS, 1999-2000. MS on file at Bandelier National Monument.

2003 The Archaeology of Music and Performance in the Prehistoric Southwest. In *Archaeology and the Muse*, eds. J. Jameson, J. Ehrenhard, and C. Finn. University of Alabama Press.

Donald, Emily and Heather Atherton

2001 The Salt Creek Road Archaeological Survey Completion Report. MS on file at Canyonlands National Park the National Park Service Intermountain Support Office, Santa Fe.

Donald, Emily and Glenn Simpson

2002 History, Symbolism and Mythology of Death Valley National Park's Twenty Mule Team Wagon Set, *Proceedings of the Seventh Death Valley History Conference*, ed. J. Johnson. Death Valley Natural History Association.

Donald, Emily and Jim Trott

2000 Report of the Archaeological Condition for the 2000 Field Season, Canyon de Chelly National Monument. MS on file at Canyon de Chelly National Monument and the National Park Service Intermountain Support Office—Santa Fe.

Donald, Emily, Mark Mortier, and Glenn Simpson

2002 Report of the Archaeological Documentation and Condition Assessment for the Spring 2002 Season of the Abandoned Mineral Lands Project, Death Valley National Park. MS on file at Death Valley National Park and the National Park Service Intermountain Support Office, Santa Fe.

Drake, Tony, Emily Brown, and Heather Atherton

2004 Archaeological Survey and Historic Preservation at the Swansea Townsite, 2003-4. MS on file at the Lake Havasu District Office of the Bureau of Land Management and the National Park Service Intermountain Support Office, Santa Fe.

Dudley, Peter and Emily Donald

1999 Tsankawi Cultural Resources Inventory. MS on file at Bandelier National Monument.

Winters, Ron and Emily Brown

2007 Survey of Tract B in the Las Estrellas Development, Santa Fe, New Mexico. MS on file at the Laboratory of Anthropology, New Mexico.

Papers Presented:

August, 2008 Archaeological Investigations at Pigeon's Ranch, Pecos National Historical Park, Year 1. Presented at Pecos National Historical Park.

October, 2006 Musical Instruments of the Prehispanic Southwest. Presented to the Albuquerque Archaeological Society at the Albuquerque Museum.

February, 2006 Musical Instruments of the Prehispanic Southwest. Presented as part of the Southwest Seminars series at the Hotel Santa Fe.

August, 2004 Musical Instruments of the Ancestral Pueblos. Presented at the 77th Pecos Archaeological Conference, Bluff, Utah.

March 23, 2002 The Ogre Kachina and Bourdieu: Ritualization and Performance in the Prehistoric American Southwest. Presented at the Annual Meeting of the Society for American Archaeology, Denver, Colorado.

February 8, 2002 "Manly Men and Overcivilized Sissies": History, Symbolism and Mythology of Death Valley National Park's Twenty Mule Team Wagon Set. Presented at the Seventh Death Valley History Conference, Death Valley National Park.

April 22, 2001 Instruments of Power: The Archaeology of Music and Performance in the American Southwest. Presented at the Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana.

Aug. 13, 1999 The Archaeology of Music and Performance in the American Southwest. Presented at the 72nd Pecos Archaeological Conference, Show Low, Arizona.

References:

Jim Trott, Archaeologist, National Park Service Intermountain Regional Office—Santa Fe (retired), 505-473-1347.

Linda Greene, Chief of Resources, Death Valley National Park, 760-786-3253, linda_greene@nps.gov.

Kelly Turner, District Archaeologist, Spring Mountain National Recreation Area, 702-515-5424, kellyturner@fs.fed.us.