

# EDWARD A. JOLIE

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## EDUCATION

*University of New Mexico – Albuquerque, New Mexico*

August 2004 – Present

Ph.D. candidate in Anthropology, degree expected 2010. W. H. Wills and P. L. Crown dissertation advisors.

Tentative Title: Social Diversity in the Prehispanic Southwest: Learning, Weaving and Identity in the Chaco Regional System, A.D. 850-1140

May 2006 – M.S. in Anthropology.

*University of Nevada, Reno – Reno, Nevada*

May 2004 – M.A. in Anthropology.

Thesis title: Coiled Basketry from Charlie Brown Cave, Western Nevada.

Thesis advisor: Catherine S. Fowler.

*Mercyhurst College – Erie, Pennsylvania*

May 2001 – B.A. in Anthropology with a minor in English.

## TEACHING EXPERIENCE

*Visiting Lecturer, University of New Mexico – Albuquerque, New Mexico*

August 2007 – May 2008

Teaching Archaeological Method and Theory (Anth 121L) and recruiting Native American students for the anthropology program.

*Graduate Teaching Assistant, University of New Mexico – Albuquerque, New Mexico*

January – May 2007

Archaeological Method and Theory (Anth 121L)

August – December 2006

Fall semester field school (Anth 399) at Pueblo Bonito, Chaco Canyon, New Mexico, as part of the Chaco Stratigraphy Project directed by Drs. W. H. Wills and P. L. Crown.

*Graduate Teaching Assistant, University of Nevada, Reno – Reno, Nevada*

August 2002 – May 2004

*Classes:*

Intro. to Cultural Anthropology (Anth 101)

Plants and People (Anth 431)

American Indian Art (Anth 345)

Indians of the Great Basin (Anth 400b)

Indians of North America (Anth 400a)

Language and Culture (Anth 485)

## RESEARCH EXPERIENCE

*Current Projects and Interests*

Heritage management on the Oglala Sioux Tribe Pine Ridge Reservation, SD; indigenous archaeologies; learning, cultural transmission and innovation in textile traditions; Early Archaic basketry and the adoption of intensive small seed use on the Colorado Plateau (with P. R. Geib); AMS dating of preceramic textiles from Guitarrero Cave, Peru; perishable artifacts from Chaco

Canyon, New Mexico (with L. D. Webster); perishable artifacts from Pyramid Lake, Nevada (with R. B. Jolie, C. S. Fowler and E. M. Hattori); perishable industries from the Great Plains.

*Graduate Research Assistant, University of New Mexico – Albuquerque, New Mexico*

August 2004 – May 2006

*Assigned to assist Dr. W. H. Wills.*

Assisted with Chaco Stratigraphy Project preparations and field work and preparation of a monograph on Bat Cave, New Mexico.

*Graduate Research Assistant, University of Nevada, Reno – Reno, Nevada*

August 2001 – May 2001

*Assigned to assist Dr. C. S. Fowler:*

Assisted with preparation of a Federal Recognition Petition for the Mono Lake Paiute Community and preparation of Willard Z. Park's Ethnographic Notes on the Northern Paiute, vol. 2.

*Sundance Archaeological Research Fund – Reno, Nevada*

July 2001 – Present

Perishable artifacts from Bonneville Estates Rockshelter, Nevada, with comparative examination of perishable artifacts from Danger and Hogup caves, Utah.

*R. L. Andrews Center for Perishables Analysis, Mercyhurst College – Erie, Pennsylvania*

September 1999 – May 2001

*Selected Perishables Analysis Projects:*

Bâb edh-dhrâ <sup>c</sup> , Jordan	Danger Cave, UT	Green County, IN
Lakeside Cave, UT	Numeira, Jordan	Orton, PA
Pendejo Cave, NM	Ripley, NY	Smith Creek Cave, NV

## FIELD EXPERIENCE

*Center for Desert Archaeology – Tucson, Arizona*

June 2007

Crew chief working for Paul F. Reed at Flora Vista Ruin, Farmington, New Mexico.

*University of New Mexico – Albuquerque, New Mexico*

May 2005 – June 2007

Project assistant to Drs. W. H. Wills and P. L. Crown, Chaco Stratigraphy Project, Pueblo Bonito, Chaco Canyon, New Mexico.

*University of Nevada, Reno – Reno, Nevada*

July 2003, July 2004

Water, soil, and botanical sample collection on the Carson, Humboldt and Truckee rivers with L. V. Benson and E. M. Hattori for geochemical testing related to prehistoric basketry.

June – July 2003

Excavations at Bonneville Estates Rockshelter, Nevada, under Dr. Ted Goebel.

Survey in Jakes Valley, Nevada, under Dr. Ted Goebel.

Survey at Winnemucca Lake, Nevada, under Dr. Ted Goebel.

July 2002

Excavations at Bonneville Estates Rockshelter, Nevada, under Dr. Ted Goebel.

*Mercyhurst Archaeological Institute, Mercyhurst College – Erie, Pennsylvania*

June – August 2000

Excavations at Ft. Le Beouf, Pennsylvania, under Dr. J. M. Adovasio.

June – July 1999

Field School in Allegheny National Forest, Pennsylvania, under Dr. J. M. Adovasio.

*Jefferson Patterson Park and Museum* – St. Leonard, Maryland

June 1992 – August 1998

*Selected Field Projects:* Under Dr. Julie King

Pearson Creek Survey, Phase I

Webster Field NAS Annex Survey, Phase I

Solomons Island NAS Annex Survey, Phase I

Academy Site Survey, Phase II/III

Harpers Creek Survey, Phase I

Posey Site, Phase II

Mattapany Project, Phase II

Road Survey Project, Phase II

## PUBLICATIONS

Adovasio, J. M., D. P. Hermenau, E. A. Jolie, and J. S. Illingworth

n.d. Perishable Fiber Artifacts and Impressions. In *The Archaeology of the Orton Quarry*. Mercyhurst Archaeological Institute Reports of Investigation. Mercyhurst Archaeological Institute, Erie, Pennsylvania, in press.

Benson, L. V., M. S. Berry, E. A. Jolie, J. D. Spangler, D. W. Stahle, and E. M. Hattori

2007 Possible Impacts of Early-11th-, Middle-12-, and Late-13th-Century Droughts on Western Native Americans and the Mississippian Cahokians. *Quaternary Science Reviews* 26(2):336–350.

Benson, L. V., E. M. Hattori, H. E. Taylor, S. Poulson, and E. A. Jolie

2006 Isotope Sourcing of Prehistoric Willow and Tule Textiles Recovered from Western Great Basin Rockshelters and Caves – Proof of Concept. *Journal of Archaeological Science* 33(11): 1588–1599.

Edgar, Heather J. H., Edward A. Jolie, Joseph F. Powell, and Joe E. Watkins

2007 Contextual Issues in Paleoindian Repatriation: Spirit Cave Man as a Case Study. *Journal of Social Archaeology* 7(1):101–122.

Fowler, Don D., Edward A. Jolie, and Marion W. Salter

2008 Archaeological Ethics in Context and Practice. In *Handbook of Archaeological Theories*, edited by R. Alexander Bentley, Herbert D. G. Maschner, and Christopher Chippindale, pp. 409–422. AltaMira Press, Lanham, Maryland.

Geib, Phil R., and Edward A. Jolie

2008 The Role of Basketry in Early Holocene Seed Exploitation: Implications of a ca. 9,000 Year-Old Basket from Cowboy Cave, Utah. *American Antiquity* 73(1):83–102.

Jolie, Edward A.

n.d. Cordage from Grand Canyon Archaeological Project Excavations. Ms. submitted for inclusion in report on the Grand Canyon Archaeological Project. Museum of Northern Arizona, Flagstaff.

n.d. A Coiled Basket from Chief Looking's Village. Ms. submitted for inclusion in report of archaeological investigations at Chief Looking's Village, North Dakota, edited by Mark D. Mitchell. PaleoCultural Research Group, Broomfield, Colorado.

n.d. Cordage and Textile Impressions from the Leone Bluff Site (5LA1211). Submitted for inclusion in the Trinidad Project Report. Office of Contract Archaeology, University of New Mexico, Albuquerque, in press.

- n.d. Textile Impressions from the Sheep Chute Site (LA25860). Submitted for inclusion in the MAPL Data Recovery Project Report. Office of Contract Archaeology, University of New Mexico, Albuquerque, in press.
- n.d. Technology, Learning and Innovation in Textile Arts: Integrating Archaeological and Ethnographic Perspectives. Chapter draft submitted for inclusion in *Weaving Together: Archaeological Organic Artifact Analysis and Textile Arts*, edited by Susan Blair et al., under review. University of Toronto Press, Toronto.
- 2009 Textile Impressions from the Upper Vermejo. In *Occupying the Edge: Cultural Admixture and Adaptation on the Southern Park Plateau of Northeast New Mexico, Volume II: Upper Vermejo Artifact Studies*, edited by Steven R. Mack and Cherie L. Scheick. Research Series 464. Southwest Archaeological Consultants, Santa Fe, in press.
- 2008 Ownership or Stewardship? Cultural Affiliation and Archaeological Ethics as Social Ethics. In *Kennewick Man: Perspectives on the Ancient One*, edited by Heather Burke, Claire Smith, Dorothy Lippert, Joe Watkins, and Larry Zimmerman, pp. 188–202. Left Coast Press, Walnut Creek, California.
- 2006 The Technomechanics of Plains Indian Coiled Gambling Baskets. *Plains Anthropologist* 51(197): 17–50.

Jolie, Edward A. (editor)

In prep. Perishable Material Culture and Great Basin Anthropology: Papers on Chronology, Technology, and Social Interaction. Collected papers to be submitted to the *Journal of California and Great Basin Anthropology* as a special issue.

Jolie, Edward A., and Phil R. Geib

In prep. Small Seeds, Basketry and the Broad Spectrum Revolution on the Colorado Plateau. Ms. to be submitted to *Proceedings of the National Academy of Sciences*.

Jolie, Edward A., and Ruth Burgett Jolie

2008 Hats, Baskets and Trays from Charlie Brown Cave. In *The Great Basin: People and Place in Ancient Times*, edited by Catherine S. Fowler and Don D. Fowler, pp. 74–77. School for Advanced Research Press, Santa Fe.

Jolie, Edward A., Ruth Burgett Jolie, and Stephen P. Horne

n.d. Technology and AMS Dating of a Twined Water Bottle from Cuyama Valley in Regional Perspective. Ms. to be submitted to *Journal of California and Great Basin Anthropology*.

Jolie, Edward A., Thomas F. Lynch, Phil R. Geib, and J. M. Adovasio

n.d. Cordage, Textiles and the Late Pleistocene Peopling of the Andes. *Current Anthropology*, submitted.

Jolie, Edward A., and Maxine E. McBrinn

2010 Retrieving the Perishable Past: Experimentation in Fiber Artifact Studies. In *Designing Experimental Research in Archaeology: Examining Production and Use of Technology*, edited by Jeffrey R. Ferguson. University Press of Colorado, Boulder, in press.

Jolie, Edward A., and Curtis F. Schaafsma

In prep. The Grants Basket Site and Ritual Cave Use in the Acoma Province, ca. A.D. 1000-1200. Chapter draft in prep. for *Sipapus, Sinkholes and Shrines: Ritual Cave Use in Southwestern Prehistory*, edited by Scott Nicolay. University Press of Colorado, Boulder.

## PAPERS, REPORTS AND OTHER WRITINGS

Adovasio, J. M., E. A. Jolie, N. R. Wilson, and J. S. Illingworth.

2001 Perishable Fiber Artifacts from 12-GR-1564, Greene County, Indiana. Report prepared for Archaeological Resources Management Services, Ball State University, Muncie, Indiana. Mercyhurst Archaeological Institute, Erie, Pennsylvania.

Adovasio, J.M., O. Soffer, J. S. Illingworth, E. A. Jolie, and D. C. Hyland

2009 Perishables and Pioneer Populations in the Americas. Paper presented at the 2009 MESDA Textile Seminar, Old Salem, North Carolina.

Burgett, Ruth B., Catherine S. Fowler, Eugene M. Hattori, Edward A. Jolie, and Don R. Tuohy

2002 Preliminary Report on the Archaeological Perishables from Pyramid Lake, Nevada. Paper presented at the 28th biennial Great Basin Anthropological Conference, Elko, Nevada.

Burgett, Ruth B., and Edward A. Jolie

2004 Finely Coiled and Decorated Prehistoric Basketry from Western Nevada. Paper presented at the 69th annual meetings of the Society for American Archaeology, Montreal, Quebec, Canada.

Geib, Phil R., and Edward A. Jolie

2006 An Early Holocene Coiled Basket from Cowboy Cave: Technological, Chronological and Economic Implications. Paper presented at the 30th biennial Great Basin Anthropological Conference, Las Vegas, Nevada.

Illingworth, J. S., J. M. Adovasio, E. A. Jolie, and N. R. Wilson

2003 Perishable Fiber Artifacts from 12-GR-1564, Greene County, Indiana. Paper presented at the 68th annual meetings of the Society for American Archaeology, Milwaukee, Wisconsin.

Jolie, Edward A.

2008 Some Thoughts on Balancing Professionalism and Advocacy in an Indigenous Anthropology. Invited paper presented at the 107th annual meetings of the American Anthropological Association, San Francisco, California.

2008 Cultural Transmission of Traditional Textile Crafts: Implications for the Great Basin and Beyond. Paper presented at the 31st biennial Great Basin Anthropological Conference, Portland, Oregon.

2008 New Stories from Ancient Baskets: Innovation and Change in Indigenous Basketweaving Traditions. Presentation at Sipapu Secular: Indigenous Graduate Students Conference, Institute for American Indian Research, University of New Mexico, 4 April 2008.

2007 Baskets and Small Seeds: Understanding the Development of Coiled Basketry Through AMS Dating. *Glyphs: The Monthly Newsletter of the Arizona Archaeological and Historical Society* 58(5):6-7, 10.

2007 Crafting Plants and People: Basketry Production Systems in Cross-Cultural Perspective. Ms. draft.

2006 Perishable Artifacts from Cascada Seca, Eastern New Mexico: New Insights Into Southern Plains Perishable Industries. Paper presented at the 71st annual meetings of the Society for American Archaeology, San Juan, Puerto Rico.

2004 Coiled Basketry from Charlie Brown Cave, Western Nevada. Paper presented at the 29th biennial Great Basin Anthropological Conference, Sparks, Nevada.

- 2002 An Ethnohistorical Perspective on Plains Indian Textile Arts. Paper presented at the 67th annual meetings of the Society for American Archaeology, Denver, Colorado.
- 2001 Two Ethnographic Sioux Twined Gambling Baskets. Prepared for Jennifer Landmann, South Dakota State Historical Society Cultural Heritage Museum, Pierre, South Dakota.
- 2000 Two Ethnographic Cheyenne Gambling Baskets. Prepared for Deborah G. Harding, Carnegie Museum of Natural History, Pittsburgh, Pennsylvania.

Jolie, Edward A., and Ruth B. Burgett

- 2003 Report on an Amateur Artifact Collection from Catlow Cave, Oregon. Prepared for W. J. Cannon, U.S.D.I. Bureau of Land Management, Lakeview District, Oregon.
- 2002 Perishable Artifacts from Bonneville Estates Rockshelter, Elko County, Nevada. Paper presented at the 28th biennial Great Basin Anthropological Conference, Elko, Nevada.
- 2002 Text contributed to the Nevada State Museum exhibit "Under One Sky: Nevada's Native American Heritage."

Jolie, Edward A., and Ruth Burgett Jolie

- 2007 Waterborne Boundaries: Twined Water Bottles and Social Interaction in the Western Great Basin and Southern California. Paper presented at the 72nd annual meetings of the Society for American Archaeology, Austin, Texas.
- 2006 Twined Water Bottles from the Great Basin and Southern California: Evidence of Social Interaction. Paper presented at the 30th biennial Great Basin Anthropological Conference, Las Vegas, Nevada.
- 2005 A Twined Basket from Cuyama Valley, Southern California. Prepared for S. P. Horne, U.S.D.I. Bureau of Land Management, Californian State Office, Sacramento, California.

Jolie, Edward A., and Eugene M. Hattori

- 2005 The Spread of Coiled Basketry in the Prehistoric Great Basin. Paper presented at the 70th annual meetings of the Society for American Archaeology, Salt Lake City, Utah.

Jolie, Edward A., and Phil R. Geib

- 2008 Baskets, Seeds, Feces and The Broad Spectrum Revolution on the Colorado Plateau. Paper presented at the 31st biennial Great Basin Anthropological Conference, Portland, Oregon.

Jolie, Edward A., Adam S. Watson, and W. H. Wills

- 2008 Preliminary Stratigraphic Results from the Reinvestigation of Pueblo Bonito's East Mound. Paper presented at the 73rd annual meetings of the Society for American Archaeology, Vancouver, British Columbia, Canada.

Jolie, Edward A., and Laurie D. Webster

- 2009 Reconstructing the Organization of Chacoan Perishable Artifact Production. Paper presented at the 74th annual meetings of the Society for American Archaeology, Atlanta, Georgia.

Jolie, Ruth Burgett, and Edward A. Jolie

- 2008 Ancient New World Knitting from Pyramid Lake, Nevada. Paper presented at the 31st biennial Great Basin Anthropological Conference, Portland, Oregon.

McBrinn, Maxine E., and Edward A. Jolie

- 2005 Perishables Research Across the Prehistoric Great Basin and Southwest. Paper presented at the 70th annual meetings of the Society for American Archaeology, Salt Lake City, Utah.

Schaafsma, Curtis F., and Edward A Jolie

- 2008 Ritual Cave Use in the Acoma Province: Insights from the Grants Basket Site. Paper presented at the 73rd annual meetings of the Society for American Archaeology, Vancouver, British Columbia, Canada.

#### SYMPOSIA

Jolie, Edward A., and Diane L. Winslow

- 2006 Perishable Technologies and Great Basin Anthropology: Recent Research on Technology, Chronology and Social Interaction. Organized and chaired for the 30th biennial Great Basin Anthropological Conference, Las Vegas, Nevada.

Jolie, Edward A., and Maxine E. McBrinn

- 2005 Unraveling the Boundary: Perishable Technologies Across and Between the Prehistoric Great Basin and Southwest. Organized and chaired for the 70th annual meetings of the Society for American Archaeology, Salt Lake City, Utah.

Jolie, Edward A., and Susan McCabe

- 2004 Perishable Perspectives in Great Basin Anthropology. Organized and chaired for the 29th biennial Great Basin Anthropological Conference, Sparks, Nevada.

Jolie, Edward A., and Ruth B. Burgett

- 2002 Current Research on Great Basin Perishable Industries. Organized and chaired for the 28th biennial Great Basin Anthropological Conference, Elko, Nevada.

#### INVITED PRESENTATIONS

- 2009 A Perishable Perspective on Chacoan Society: Basketry from Pueblo Bonito and Aztec Ruins. Guest lecture, Chaco Culture National Historic Park, Chaco Canyon, New Mexico, 28 July 2009.
- 2009 Baskets, Small Seeds, and the Transition to the Archaic on the Colorado Plateau. Guest lecture to the Albuquerque Archaeological Society, Albuquerque, New Mexico, 19 May 2009.
- 2008 In the Shadows of Pueblo Bonito and Aztec Ruin: Ritual Basketry from the Grants Basket Site. Guest lecture, Four Corners Lecture Series, Aztec Ruin National Monument, Aztec, New Mexico, 8 May 2008.
- 2007 Technology, Learning and Innovation in Textile Arts: Integrating Archaeological and Ethnographic Perspectives. Paper presentation delivered at the workshop Weaving Together: Archaeological Organic Artifact Analysis and Textile Arts, New Brunswick, Canada, November 7–11, 2007.
- 2007 New Stories from Old Baskets: Innovation in Indigenous Basketweaving Traditions. Guest lecture, Idyllwild Arts Native American Arts and Archaeology Seminar Series, Idyllwild, California, 10 July 2007.
- 2006 Perishable Perspectives on the Past: The Value of Organic Artifacts in Archaeological Research. Guest lecture, Tijeras Pueblo, Cibola National Forest, New Mexico, 24 June 2006.

#### RESEARCH AND TRAVEL GRANTS

- 2009 NSF Dissertation Improvement Grant (award no. 0853134), “Learning Networks and Social Diversity in the Chaco System, A.D. 850–1140: An Analysis of Basketry Technological Style,” Co-PI with W. H. Wills (\$15000).

- 2009 UNM Graduate Research and Development Grant. Funding for AMS radiocarbon dates on Chacoan basketry for dissertation research (\$2945).
- 2008 New Mexico Archaeological Council Research Grant. Funding for AMS dating of Early Archaic coprolites from Dust Devil Cave (\$950).
- 2008 Student Diversity Travel Award from the Archaeology Division of the AAA to support travel to the 2008 AAA meetings to present an invited paper (\$600).
- 2008 Arizona Archaeological and Historical Society Research Grant. Funding for AMS dating of early Southwestern coiled basketry (\$475).
- 2008 Grants County Chamber of Commerce and Mining Museum. Funding for study of perishable artifacts from the Grants Basket Site (LA47818) (\$500).
- 2007 Sigma Xi Grant-in-Aid for Research. Funding for Chacoan basketry research (\$400).
- 2007 UNM Student Research Allocation Committee. Funding to present paper at annual meeting of the Society for American Archaeology (\$400).
- 2007 UNM Graduate Research and Development Grant. Funding for camera equipment for Chacoan basketry research (\$1049).
- 2007 AZ-NSF AMS Facility, Tucson. Radiocarbon dates (valued at approx. \$3325) for research on early western North American coiled basketry.
- 2007 Anthropology Department Travel Grant. Funding to present paper at annual meeting of the Society for American Archaeology (\$105).
- 2006 UNM Institute for American Indian Research Scholarship. Funding for camera equipment for Chacoan basketry research (\$750).
- 2006 UNM Student Research Allocation Committee. Funding to present paper at annual meeting of the Society for American Archaeology (\$400).
- 2006 Arizona Archaeological and Historical Society Research Grant. Funding for AMS dating of early Southwestern coiled basketry (\$400).
- 2006 UNM Graduate Research and Development Grant. Funding for camera equipment for Chacoan basketry research (\$1046).
- 2005 Sigma Xi Grant-in-Aid for Research. Funding for pilot study of Chacoan basketry (\$1000).
- 2005 Anthropology Department Travel Grant. Funding to present paper at annual meeting of the Society for American Archaeology (\$75).
- 2004 Anthropology Department Travel Grant. Funding to present paper at annual meeting of the Society for American Archaeology (\$50).
- 2004 Nevada State Museum, Carson City, Nevada. Funding for M.A. thesis research (\$300 Approx.).
- 2003 Nevada State Museum, Carson City, Nevada. Funding for M.A. thesis research (\$300 Approx.).
- 2003 Am-Arcs of Nevada, Reno, Nevada. Funding for M.A. thesis research (\$400) and to present paper at annual meeting of the Society for American Archaeology (\$300).
- 2002 Graduate Student Association, University of Nevada, Reno. Funding to present paper at annual meeting of the Society for American Archaeology (\$500).
- 2002 Am-Arcs of Nevada, Reno, Nevada. Funding to present paper at annual meeting of the Society for American Archaeology (\$300).
- 2002 Sundance Archaeological Research Fund, Reno, Nevada. Funding to analyze perishable artifacts from Bonneville Estates Rockshelter, Danger and Hogup caves (with R. B. Burgett) (\$5500 Approx.).

## FELLOWSHIPS AND HONORS

Mellon Doctoral Fellowship (University of New Mexico), 2008–Present.

Clark Scholarship (University of Colorado Museum of Natural History), 2008.

Joe Ben Wheat Research Scholarship (University of Colorado Museum of Natural History), 2007.

Hibben Senior Fellowship in Anthropology (University of New Mexico), 2006–2007.

