

CURRICULUM VITAE

Matthew A. Peeples

April 2011

Address:

PhD. Candidate in Anthropology
(Archaeology)
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Education

- 2006-present Ph.D. Candidate in Anthropology (Archaeology), Arizona State University
PhD committee co-chairs: Keith Kintigh and Michelle Hegmon; member: Katherine Spielmann
- 2004-2006 M.A. in Anthropology (Archaeology), Arizona State University
MA committee chair: Michelle Hegmon; members: Keith Kintigh and Michael Barton
- 1999-2003 B.A. in Anthropology (minor Geography), University of Texas at Austin
Summa cum laude and special departmental honors
Senior Honors Thesis advisor: Maria Franklin

Research Interests

Prehistoric and Historic archaeology in the American Southwest (with an emphasis on the Zuni/Cibola and Mimbres regions), Southwestern ethnohistory, ceramic analysis, quantitative methods, demography, social identity and material culture

Publications (*= *peer reviewed*)

- *In press **Peeples, Matthew A.**, Gregson Schachner, and Edgar K. Huber. Rethinking Communities Across the Greater Zuni Region. In *Southwestern Pithouse Communities: A.D. 200-900*. Edited by Sarah H. Herr and Lisa Young. University of Arizona Press, Tucson.
- *In press Spielmann, Katherine A., Margaret C. Nelson, Scott E. Ingram, and **Matthew A. Peeples**. Mitigating Environmental Risk in the U.S. Southwest. In *Sustainable Lifeways: Cultural Persistence in an Ever-changing Environment*. Edited by Naomi F. Miller, Katherine M. Moore, and Kathleen Ryan. University of Pennsylvania Museum of Archaeology and Anthropology, Philadelphia.
- *2011 Nelson, Margaret C., Stephanie Kulow, **Matthew A. Peeples**, Michelle Hegmon, and Ann Kinzig. Resisting Diversity in Small Scale Societies: A Long-term Archaeological Study. *Ecology and Society* 16(1):article 25.
- *2011 Spielmann, Katherine A., Margaret C. Nelson, Scott E. Ingram, and **Matthew A. Peeples**. Sustainable Small-Scale Agriculture in Semi-Arid Environments. *Ecology and Society* 16(1):article 26.

- *2008 Hegmon, Michelle, **Matthew A. Peeples**, Ann Kinzig, Stephanie Kulow, Cathryn M. Meegan, and Margaret C. Nelson. Social Transformation and its Human Costs in the Prehispanic U.S. Southwest. *American Anthropologist* 110(3):313-324.
- *2008 **Peeples, Matthew A.** Creating Political Authority: The Role of the Antebellum Black Press in the Political Mobilization and Empowerment of African Americans. *Journalism History* 34(2):76-86.
- *2006 **Peeples, Matthew A.**, C. Michael Barton and Steven Schlich. Resilience Lost: Intersecting Landuse and Landscape Dynamics in the Prehistoric Southwestern U.S. *Ecology and Society* 11(2):article 22.
- *2003 **Peeples, Matthew A.** An Analysis of Projectile Points from the Chytka Site (41JK66), Jackson County, Texas. *La Tierra: Journal of the Southern Texas Archaeological Association* 30(1):37-63.
- 2003 **Peeples, Matthew A.** Mano a Mano: Grinding Implements from Colha, Belize. *Mono y Conejo: Journal of the Mesoamerican Archaeological Research Laboratory* 1(1):31-35.

Manuscripts Under Review (*= peer reviewed)

- *In rev. **Peeples, Matthew A.** Population History of the Zuni Region across the Protohistoric Transition: Migration, Gene Flow, and Social Transformation. In review for *Building a Transnational Archaeology*. Edited by Randall H. McGuire and Elisa Villalpando. Arizona State Museum Archaeological Series. Arizona State Museum, University of Arizona, Tucson.
- *In rev. Schachner, Gregson, Dennis Gilpin, and **Matthew A. Peeples**. Alternative Trajectories during the Early Pueblo Period in the Little Colorado Drainage and Beyond. In *Crucible of Pueblos: The Early Pueblo Period in the Northern Southwest*. Edited by Richard H. Wilshusen, Gregson Schachner, and James R. Allison. Cotsen Institute of Archaeology at UCLA, Los Angeles.
- *In rev. Nelson, Margaret C., Michelle Hegmon, Keith W. Kintigh, Ben A. Nelson, John M. Anderies, David A. Abbott, Katherine A. Spielmann, Scott Ingram, **Matthew A. Peeples**, Colleen Strawhacker, Cathryn Meegan. Long-Term Vulnerability and Resilience: Three Examples from Archaeological Study in the Southwestern U.S. and Northern Mexico. In *Living with the Danger of Sudden Environmental Change: Understanding Hazards, Mitigating Impacts, Avoiding Disasters*. Edited by Jago Cooper and Payson Sheets. University Press of Colorado, Boulder, CO.

Published Book Review

- 2010 **Peeples, Matthew A.** Review of *Chaco's Northern Prodigies: Salmon, Aztec and the Ascendancy of the Middle San Juan after A.D. 1100*. Edited by Paul Reed. *Utah Archaeology* (2007) 20(1):57-60.

Manuscript in Preparation

Peeples, Matthew A. The Demographic Context of Social and Ecological Change: An Example from the Mimbres Region of New Mexico.

Academic Scholarships, Grants, and Other Awards

Scholarships and Fellowships

- 2010-2011 Arizona State University Graduate College Dissertation Fellowship
- 2010 Fred Plog Memorial Fellowship, Society for American Archaeology
- 2007-2010 National Science Foundation Graduate Research Fellowship (deferred 2005-2007)
- 2005 Thomas Carhart Fellowship: Crow Canyon Archaeological Center, Cortez, CO

- 2004-2007 University Graduate Scholarship: Arizona State University
2002-2003 James F. and Bernice Hinton Endowed Presidential Scholarship: University of Texas at Austin

External Research Grants

- 2009 National Science Foundation Doctoral Dissertation Improvement Grant - \$10,000
Social Transformations and Regional Scales of Identity in the Cibola World (AD 1150-1325)
PI: Keith Kintigh, Co-PI: Matthew Peeples
2009 Wenner-Gren Foundation Dissertation Fieldwork Grant - \$8,934
Social Transformations and Regional Scales of Identity in the Cibola World (AD 1150-1325)
PI: Matthew Peeples

Internal Research/Travel Grants

- 2011 Travel Grant: Graduate and Professional Student Association, ASU - \$733
2010 Travel Grant: Graduate and Professional Student Association, ASU - \$700
2009 School of Human Evolution & Social Change Special Research Grant Funding, ASU - \$1,900
2008 School of Human Evolution & Social Change Graduate Research Grant, ASU - \$750
2008 Museum Collections Research Award: Museum of Anthropology, ASU - \$1,000
2005 Travel Grant: Graduate and Professional Student Association, ASU - \$500

Other Awards and Honors

- 2007 First Place, Ruppé Prize in Archaeology: School of Human Evolution & Social Change, ASU
2002 Phi Beta Kappa National Honor Society
2001 Lambda Alpha, national anthropology honor society

Teaching Experience

Instructor, Arizona State University – School of Human Evolution & Social Change

- 2009 ASB 335: Prehistory of the Southwest: Spring semester, enrollment = 100

Graduate Teaching Assistant, Arizona State University:

- 2007 Mogollon Prehistoric Landscapes Project Field School, Directors: Dr. Margaret Nelson, Dr. Michelle Hegmon, Karen Schollmeyer, and Steven Swanson.
2005 ASB 330: Principles of Archaeology, Instructor: Dr. Katherine Spielmann
2005 ASB 102: Introduction to Cultural/Social Anthropology, Instructor: Dr. James Eder
2004 ASB 326: Human Impacts on the Environment, Instructor: Dr. Michael Barton
2004 El Morro Valley Prehistory Project Field School, Directors: Dr. Keith Kintigh and Gregson Schachner

Other Teaching Experience:

- 2006 Comparative Ceramic Typology in the Southwestern U.S., Graduate seminar, co-organizer with Dr. Michelle Hegmon, Arizona State University.
<http://www.public.asu.edu/~mpeeples/swceramics.html>
2005 Field/Teaching Assistant: Crow Canyon Archaeological Center Middle School, High School and Adult Excavation Programs

Professional Service

- 2010 Proposal reviewer, University of Missouri Research Reactor Archaeometry Lab, National Science Foundation Neutron Activation Analysis Subsidy Program
2010 Grant reviewer, Graduate and Professional Student Association Jump Start Grant Program, Arizona State University

- 2010 Graduate Representative on search committee for Archaeology hiring committee, School of Human Evolution & Social Change
- 2008 Grant reviewer, Graduate and Professional Student Association, Arizona State University
- 2008 Graduate Student Representative on search committee for Graduate Academic Success Specialist, School of Human Evolution & Social Change, Arizona State University
- 2005-2006 Secretary/Publications Officer of the Association of Anthropology Graduate Students, ASU
- 2001-2002 President of the University of Texas at Austin chapter of Lambda Alpha, the National Anthropology Honors Society

Professional Affiliations

Society for American Archaeology
 Arizona Archaeological Council
 Arizona Archaeological and Historical Society

Selected Reports

- 2009 **Peeples, Matthew A.** Salinas Demography. In *Salinas Contributions to the Study of Long Term Coupled Socioecological Change in the Southwest and Northern Mexico*. Katherine A. Spielmann, Scott Ingram, Stephanie Kulow, **Matthew A. Peeples**, and Cathryn Meegan. Report submitted to the Western National Parks Associations and Salinas Pueblo Missions National Monument
- 2007 **Peeples, Matthew A.** *A Cultural Resource Survey for the Zuni Forest Unit Timber Sale, Zuni Indian Reservation, McKinley County, New Mexico*. Zuni Cultural Resource Enterprise Report No. 988, Zuni, New Mexico.
- 2007 **Peeples, Matthew A.** *A Cultural Resource Survey for the Proposed Eriacho Unit Hazard Fuels Reduction Project, Zuni Indian Reservation, Cibola County, New Mexico*. Zuni Cultural Resource Enterprise Report No. 987, Zuni, New Mexico.

Conference Presentations (* = invited)

- *2011 **Peeples, Matthew A.** Ceramic Technological Variation and Social Change across the Pueblo III to Pueblo IV Transition. Paper presented at the 76th annual meeting of the Society for American Archaeology, Sacramento, California. Session title: Beyond Pottery Types: Reconsidering Ceramic Design and Technology in the American Southwest, organized by Suzanne Eckert and Deborah Huntley.
- 2011 Hegmon, Michelle, **Matthew A. Peeples**, Margaret C. Nelson, Jerry Howard, and David Abbott. Social Change and Path Dependence: Examining Regime Shifts in the Archaeology of the U.S. Southeast. Paper presented at the Resilience 2011 conference in Tempe, AZ.
- *2010 **Peeples, Matthew A.** The Zuni Region across the Lost Century. Paper presented at the 11th biannual Southwest Symposium in Hermosillo, Sonora, MX. Session title: AD 1450 to 1540: The Lost Century.
- 2009 **Peeples, Matthew A.** Social Transformations at Regional Scales in the U.S. Southwest. Paper presented at the 42nd Annual Chacmool Conference in Calgary, Alberta, CA. Conference Title: Identity Crisis: Archaeology and Problems of Social Identity.

- 2009 **Peeples, Matthew A.** Alternatives to Ethnic Models of Regional Scale Social Organization. Paper presented at the 74th annual meeting of the Society for American Archaeology, Atlanta, Georgia. Session title: Crossing the Pond: Comparative Perspectives on Migration, Identity, and Material Culture in the U.S. Southwest and Medieval Europe, organized by Chris Roberts and **Matthew A. Peeples**.
- *2009 Anderies, John M., and **Matthew A. Peeples** Niche Construction and Food Production Strategies in Arid Environments. Invited paper presented at the Dynamic Desserts: Resource Uncertainty in Arid Environments, Second annual Frontiers in Life Sciences Conference Series, Tempe AZ, February 2009.
- *2009 Spielmann, Katherine, Margaret Nelson, Scott Ingram, and **Matthew A. Peeples** Mitigating Agricultural Risk in Arid Environments. Invited paper presented at the Dynamic Desserts: Resource Uncertainty in Arid Environments, Second annual Frontiers in Life Sciences Conference Series, Tempe AZ, February 2009.
- 2008 Hegmon, Michelle, **Matthew A. Peeples**, Ann Kinzig, Stephanie Kulow, Cathryn M. Meegan, and Margaret C. Nelson. The Rigidity Trap and Social Transformation: Archaeological Applications. Paper presented at the Resilience 2008 International Science and Policy Conference in Stockholm, Sweden.
- *2008 **Peeples, Matthew A.** and John M. Anderies. Niche Construction and the Transition to Agriculture along the Upland Colorado Plateau. Invited paper presented at the 72nd annual meeting of the Society for American Archaeology, Vancouver, British Columbia. Session title: Niche Construction Theory in Archaeology organized by Julien Riel-Salvatore and Lydia Pyne.
- *2007 Nelson, Ben and **Matthew A. Peeples**. Cosmological Practice and Social Complexity in Northern and Central Mexico. Invited paper presented at the Cosmology and Society in the Ancient Amerindian World conference organized by George J. Gumerman III and Timothy Pauketat, Santa Fe Institute, Santa Fe, New Mexico, October 2007.
- *2007 Schachner, Gregson and **Matthew A. Peeples**. The Early Pueblo Period in the Cibola Area. Presented at the Early Pueblo World Conference, sponsored by SWCA, Inc. and the Ute Mountain Ute Tribe, Towaoc, Colorado, August 2007.
- *2007 Hegmon, Michelle, Margaret Nelson, **Matthew A. Peeples**, Cathryn Meegan, Stephanie Kulow, and Ann Kinzig. Human and Regional Scale Perspectives on Transformation in the U.S. Southwest: Mimbres, Mesa Verde and Hohokam. Invited paper presented at the 72nd annual meeting of the Society for American Archaeology, Austin, Texas. Session title: Honoring Linda Cordell: Demographic, Social, and Ideological Perspectives on Population Movement, organized by Margaret Nelson and Catherine Cameron.
- *2007 Kintigh, Keith, and **Matthew A. Peeples**. Estimating Population Growth from Settlement Data: A Modeling Approach. Invited paper presented at the 72nd annual meeting of the Society for American Archaeology, Austin, Texas. Session title: Honoring Linda Cordell: Demographic, Social, and Ideological Perspectives on Population Movement, organized by Margaret Nelson and Catherine Cameron.
- 2005 Schmich, Steven, Michael Barton, and **Matthew A. Peeples**. Resilience Lost: Intersecting Landuse and Landscape Dynamics in the Upland Southwest. Paper presented at the 104th annual meeting of the American Anthropological Association, Washington, D.C.

Conference Posters

- 2011 Trask, Garrett and **Matthew A. Peeples**. Ceramic Design and Changing Scales of Social Interaction across the Cibola Region. Poster presented at the 76th annual meeting of the Society for American Archaeology. Sacramento, California.
- 2010 **Peeples, Matthew A.** Ceramic Technology and Social Distance across the Cibola World: A.D. 1150-1325. Poster presented at the 75th annual meeting of the Society for American Archaeology. St. Louis, Missouri.
- 2010 Torvinen, Andrea and **Matthew A. Peeples**. A Multi-Dimensional Analysis of Exchange and Violence in West-Central New Mexico. Poster presented at the 11th biannual Southwest Symposium. Hermosillo, Sonora, MX.
- 2008 **Peeples, Matthew A.** and Gregson T. Schachner. Long-term Patterns of Settlement along the Zuni River Drainage. Poster presented at the 20th Anniversary Southwest Symposium. Tempe, Arizona.
- 2008 Strawhacker, Colleen, Margaret Nelson, Karen Schollmeyer, Steven Swanson, **Matthew A. Peeples**, and Michelle Hegmon. Interaction and Diversity in the Post-Classic Mimbres World: An Overview of the 2007 Field Season. Poster presented at the 20th Anniversary Southwest Symposium. Tempe, AZ.
- 2006 **Peeples, Matthew A.**, Robert Cox, and Tanjot Bhatia. The Prehistoric Agricultural Landuse Model (PALM): Exploring the links between decision making and change in complex socio-ecological systems. Computer Simulation presented at the Archaeological Sciences of the Americas Symposium, Tucson, Arizona.
- 2006 **Peeples, Matthew A.**, C. Michael Barton and Steven Schmich. Subsistence and Long-term Landuse along the middle Chevelon Creek Drainage, AZ. Poster presented at the 71st annual meeting of the Society for American Archaeology, San Juan, Puerto Rico.
- 2005 Kelly, Sophia, **Matthew A. Peeples**, Jason Sperinck, M. Scott Thompson, Keith Kintigh, and Greg Schachner. Small Site Testing in the El Morro Valley, New Mexico. Poster presented at the 70th annual meeting of the Society for American Archaeology, Salt Lake City, Utah

Organized Symposium

- 2009 Roberts, Chris and **Matthew A. Peeples**. Crossing the Pond: Comparative Perspectives on Migration, Identity, and Material Culture in the U.S. Southwest and Medieval Europe. Session organized for the 74th annual meeting of the Society for American Archaeology, Atlanta, Georgia.

Public Lectures

- 2011 Archaeological Cultures and Social Change across the Cibola World. Presented at Casa Malpais Archaeology Month Event, March 19. Casa Malpais Archaeological Park, Springerville, AZ.
- 2011 Anasazi and Mogollon: Culture Change in the Cibola Region (A.D. 1150-1325). Presented for Pueblo Grande Museum Auxiliary, Pueblo Grande Museum, Phoenix, AZ.
- 2009 Archaeological Cultures and Social Change across the Prehispanic Cibola World. Presented at Casa Malpais Archaeology Day, September 19. Casas Malpais Archaeological Park, Springerville, AZ.

Workshops Organized

- 2009 Basic Web Design, Graduate Student Workshop Series, School of Human Evolution and Social Change, Arizona State University.
http://www.public.asu.edu/~mpeople/web_workshop.html
- 2006 Basic Web Design, Graduate Student Workshop Series, School of Human Evolution and Social Change, Arizona State University.

Professional and Research Experience

- 2010 Participant, Resilience and Vulnerability to Climate Change: A Collaboration between NABO (North Atlantic Biocultural Organization) and LTVTP (Long-Term Vulnerability and Transformation Project)
Description: National Science Foundation supported planning meeting at Amerind Foundation
- 2009, 2010 Crew Member, Puerco Ridge Archaeological Project. Supervised by Dr. Gregson Schachner.
Duties: Archaeological survey, mapping, ceramic analysis. 2+ months.
- 2008 IHOPE (Integrated History and Future of People on Earth) project data development meeting. Santa Fe Institute, Santa Fe, NM. <http://www.ames.ucar.edu/ihope/>
- 2007 Cultural Resource Management Intern, Zuni Cultural Resource Enterprise/Zuni Heritage and Historic Preservation Office. Supervised by Dr. Jonathan Damp.
Duties: archaeological survey, survey planning, report writing and editing, figure and map making, creation of database of NAGPRA related correspondence and transactions involving the Pueblo of Zuni. 4 months
- 2007 Lab Director and Graduate Teaching Assistant, Mogollon Prehistoric Landscapes Project. Directed by Dr. Margaret Nelson, Dr. Michelle Hegmon, Karen Schollmeyer, and Steven Swanson.
Duties: supervising excavation and survey crews, teaching excavation/survey methods, teaching ceramic analysis, managing field lab. 2 months
- 2006 Field Technician, Desert Archaeology Inc., Phoenix, AZ. Supervised by Dr. Kathy Henderson and Tiffany Clark.
Duties: survey and excavation on small projects in the Phoenix, AZ area. 1 month
- 2005, 2007 Project Crew Member and Student Participant, Legacies on the Landscape Project, Arizona State University. Directed by Dr. Katherine Spielmann, Dr. John Briggs, Dr. David Abbott, and Dr. Keith Kintigh.
Duties: archaeological survey and mapping, site recording. 10+ months
- 2005-2008 Graduate Research Assistant, Long Term Vulnerability and Transformation Project, National Science Foundation Biocomplexity Program, Arizona State University. Project P.I. Dr. Margaret C. Nelson, Dr. John M. Anderies, Dr. Michelle Hegmon, Dr. Keith Kintigh, and Dr. Ben A. Nelson.
Duties: development of site databases for 5 regions of the Southwestern U.S. and Northern Mexico (Zuni, Mimbres, Hohokam, Salinas, and La Quemada), analysis of demographic patterns in each of the focal regions, settlement pattern analyses, data integration. 28+ months
- 2005 Analyst, Mogollon Region Small Sites Project, Arizona State University. Directed by Dr. Michael Barton. Duties: ceramic analysis. 2 months

- 2005 Field Research Intern, Crow Canyon Archaeological Center. Directed by Kristen Kuckleman. Duties: archaeological excavation and mapping, supervising and instructing middle school through adult participants in archaeological methods. 3 months
- 2004 Graduate Teaching Assistant, El Morro Valley Prehistory Project, Arizona State University. Directed by Dr. Keith Kintigh and Gregson Schachner. Duties: supervising excavation crews, teaching excavation methods, lithic analysis. 2 months
- 2003-2004 Research Assistant II, B.A., Texas Archeological Research Laboratory, University of Texas at Austin. Supervised by Laura Nightengale and Dr. Darrell Creel. Duties: analysis, documentation, cataloging, and database management for archaeological collections from Public lands in Texas. 22 months
- 2002, 2003 Student Intern, National Council for Preservation Education. Supervised by Stan Byers. Duties: analysis, documentation, cataloging, and database management for archaeological collections from the Palmetto Bend Reservoir, Texas. 4 months
- 2001-2003 Undergraduate Research Assistant, Texas Archeological Research Laboratory, University of Texas at Austin. Supervised by Laura Nightengale and Dr. Darrell Creel. Duties: artifact photography, analysis, documentation, cataloging, and database management for archaeological collections throughout Texas. Examples of photographic work can be found at: <http://www.museum.nps.gov/amis/page.htm>. 24 months
- 2001 Student Participant, Eastern Mimbres Archaeological Project Field School, Arizona State University. Directed by Dr. Margaret Nelson and Dr. Michelle Hegmon. New Mexico. 2 months
- 2000 Student Participant, Program for Belize Archaeological Project Field School, University of Texas at Austin. Directed by Dr. Fred Valdez. 2 months

Special Skills and Training

Certified CPR/First Aid/AED primary/secondary care

Certified Scientific Scuba Diver in all major U.S. organizations: PADI, NAUI, SSI