

Fumi Arakawa

Museum Director and Assistant Professor

Department of Anthropology
New Mexico State University
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Associated Researcher

Crow Canyon Archaeological Center
23390 Road K, Cortez, CO 81321

EDUCATION

- 12/2006 Ph.D., Anthropology. Department of Anthropology,
Washington State University, Pullman, Washington.
Dissertation Title: *Lithic Raw Material Procurement and the Social
Landscape in the Central Mesa Verde Region, A.D. 600–1300*, funded by
NSF Dissertation Improvement Grant. Chair: Tim Kohler
- 8/2000 M.A., Anthropology. Department of Anthropology, Sociology,
and Criminal Justice, University of Idaho, Moscow, Idaho.
Thesis Title: *Lithic Analysis of Yellow Jacket Pueblo as a Tool for
Understanding and Visualizing Women's Roles in Procuring, Utilizing,
and Making Stone Tools*. Chair: Lee Sappington
- 12/1996 B.A., Department of Anthropology, Sociology, and Criminal Justice,
University of Idaho, Moscow, Idaho.
- 8/1993 A.S. and A.A. North Idaho College, Coeur D'Alene, Idaho.

EMPLOYMENT

- 1/2015-Present Director of the University Museum at Kent Hall at New Mexico State
University
- 8/2011-Present Assistant Professor, Department of Anthropology at New Mexico State
University
- 6/2008–7/2011 Laboratory Analysis Specialist. Crow Canyon Archaeological Center
- 1/2007-5/2008 Post-doctoral Position at the Department of Anthropology and General
Education Department at Washington State University
- 1/2006-5/2011 Instructor for the Department of Anthropology at the University of Idaho

PEER-REVIEWED PUBLICATIONS

Arakawa, Fumiyasu

In preparation Unraveling Sociopolitical Organization Using Lithic Data: A Case Study from an Agricultural Society in the American Southwest. In *Global Perspectives on Lithic Technologies in Complex Societies*, edited by Rachel Horowitz and Grant McCall. Under preliminary contract with the University of Colorado Press, Boulder, Colorado.

Arakawa, Fumiyasu

In preparation Village Ecodynamics II South Lithic Research. In *Re-Thinking Rio Grande Pueblo Economies*, edited by Scott Ortman. Under preliminary contract with the University of Arizona Press, Tucson.

Arakawa, Fumiyasu, David Gonzales, Nancy McMillan, and Molly Murphy

2016 Evaluation of Trachyte Tempered Pottery Sherds from Chaco and Chaco Outlier Sites in the American Southwest. *Journal of Archaeological Science: Report*.

Arakawa, Fumiyasu, Mark Varien, and Timothy Kohler

2016 American Southwest (アメリカ南西部). In Chapter 8 Special Issue on North American Archaeology, *Cultural Antiqua*, translated and edited by Kenichi Sasaki.

Gonzales, David, Fumiyasu Arakawa, and Alan Koenig

2015 An Application and Appraisal of Different Methods to Determine the Source of Sanidine-Bearing Pottery Temper, Four Corners Region, U.S.A. *Geoarchaeology* 30:59–73.

Arakawa, Fumiyasu

2013 Lithics and Male & Female Activity Spheres in the Agricultural Society of the Central Mesa Verde Region, American Southwest, *Kiva* 78:279–312.

Arakawa, Fumiyasu, Christopher Nicholson, and Jeff Rasic

2013 The Consequences of Social Processes: Aggregate Populations, Projectile Point Accumulation, and Subsistence Patterns in the American Southwest. *American Antiquity* 78:147–164.

Arakawa, Fumiyasu

2012 Cyclical Cultural Trajectories: A Case Study from the Mesa Verde Region. *Journal of Anthropological Research*, 68:35–69.

Arakawa, Fumiyasu

2012 Toolstone Procurement Patterns in the Central Mesa Verde Region Through Time. In *Emergence and Collapse of Early Villages Models of Central Mesa Verde Archaeology*, edited by Timothy Kohler and Mark Varien, pp.175–196. University of California Press, Berkley, California.

Arakawa, Fumiyasu

2012 *Archaeological Consideration of the Ancestral Pueblo People in the Mesa Verde Region of the American Southwest*. Sundai Sigaku (Sundai Historical Review) No. 146, pp. 53–68, Sundai Historical Association of Meiji University, Tokyo.

Arakawa, Fumiyasu, Scott Ortman, M. Steve Shackley, and Andrew Duff

2011 Obsidian Toolstone Procurement in the Central Mesa Verde. *American Antiquity*. 76:773-795.

Arakawa, Fumiyasu and Kimberlee M. Gerhardt

2009 Geoarchaeology Investigation of Lithic Resources in the Central Mesa Verde Region, Colorado, USA. *Geoarchaeology*. 24:204–223.

Arakawa, Fumiyasu and Christopher Nicholson

2009 Prehistoric Resource Procurement in the Central Mesa Verde Region: A Study of Human Mobility and Social Interactions Using GIS. *International Journal of Humanities and Arts Computing*.

Arakawa, Fumiyasu and Christopher Nicholson

2008 Mobility and Prehistoric Resource Procurement in the Mesa Verde Region, 3:85–100. *ArcUser magazine*.

Arakawa, Fumiyasu and Kimberlee M. Gerhardt

2007 Toolstone Procurement Patterns on the Wetherill Mesa from A.D. 600 to 1280. *Kiva*. 73:69–87.

REPORTS AND OTHER PUBLICATIONS

Arakawa, Fumiyasu

2015 Artifact Chapters. In *Albert Porter Pueblo Site Report*, edited by Susan Ryan. http://crowcanyon.org/ResearchReports/AlbertPorter/Albert_Porter_Pueblo_Final.pdf Crow Canyon Archaeological Center, Cortez, Colorado. pp. 120–282.

Arakawa, Fumiyasu and Kenichi Sasaki

2015 *Archaeology at Mesa Verde National Park in the American Southwest*. Archaeological Focus (考古学フォーカス)、Archaeological Research (考古学研究), Koukogaku Kenkyu, Okayama, Japan. Archaeological Report, pp. 103–106.

Matheny, Ray, Dianne Matheny, and **Fumiyasu Arakawa**

2013 *A Summary of the Archaeological Resources of Montezuma Canyon, San Juan County, Utah*. Report to Natural Trust for Historic Preservation in the United States. Nomination, 66 pages.

Christopher Nicholson and **Fumiyasu Arakawa**

2002 The History and Artifacts of the Henley Site. In *Stratigraphic and Geomorphic Context of the Henley Site, Whitman County, Washington*, edited by Huckleberry, G., K. Boula, and I. Buvit. Manuscript on file at Washington State University. Site Report, approximately 20 pages.

Arakawa, Fumiyasu, Ian Buvit, Celeste Henrickson, David Hyde, Matthew Landt, Jonathan Meyer, Michael Spitzer, and Karisa Terry

2001 *Analysis of Turkey Coprolites from Turkey Pen Ruin, Southeastern Utah*. Project report for Anthropology 576: Palynology. Manuscript on file at Washington State University. Department of Anthropology, Washington State University, Pullman. Research Report, approximately 20 pages.

ACADEMIC HONORS, GRANTS, AND FELLOWSHIPS

- In preparation *Twin Pines Archaeological Research*. In preparation for submitting to the Archaeology Program of the National Scientific Foundation.
- In review *Reviving the Mimbres: A Reexamination of Museum Collections from New Mexico State University*. National Leadership Grants for Museums, Institute of Museum and Library Services (\$311,898)
- 9/2014-Present *Data Modernization and New Research through Reinvestigating Existing Archaeological Sites in the Alkali Ridge NHL Southern Subdistrict*. Heritage Partnerships Program, National Park Service (\$12,343).
- 11/2015 *Travel Grant*, College of Arts and Sciences, New Mexico State University (\$1,000)
- 9/2012-12/2014 *Village Ecodynamics Project Lithic Research*. A part of "NSF Coupled Natural & Human Systems-funded 'Village Ecodynamics Project,' Washington State University and Crow Canyon Archaeological Center (\$3,750).
- 10/2014 *Archaeological Research on the Basketmaker III Occupation of the Hidden Village Site in Montezuma Canyon, Southeastern Utah*. John Topham and Susan Redd Butler Off-Campus Faculty Research Award, Brigham Young University (\$3,000). Not funded.
- 11/2014 *Archaeological Research and Public Education on the Basketmaker III Occupation of the Hidden Village Site in Montezuma Canyon, Southeastern Utah*. Submitted to The Discovery Pool Research Grant, Canyonlands Natural Historical Association (CNHA), Utah (\$19,150). Not funded
- 2013 *National Science Foundation, Major Research Instrumentation Program (MRI): Title "MRI: Acquisition of a MC-ICP-MS at NMSU"* under the direction of Frank C. Ramos, Hugh C. Monger, Fumiyasu Arakawa, Heather L. Throop, Nancy J. McMillan (\$490,869). I contributed approximately 5-10% for this grant.
- 2013 Montezuma Creek Project, Southeast Utah. *Minigrant*, College of Arts and Sciences, New Mexico State University (\$1,700)
- 2012 *Montezuma Creek Project, Southeast Utah*. Submitted to the Archaeology Program of the National Science Foundation (\$257,000). Not funded.
- 2012 *Travel Grant*, College of Arts and Sciences, New Mexico State University (\$1,000)
- 2012 Montezuma Creek Project, Southeast Utah. *Minigrant*, College of Arts and Sciences, New Mexico State University (\$800)
- 1/2011-12/2014 *Ceramic Research and Public Education on the Late Pueblo Occupation of the Goodman Point Pueblo and Unit Sites, Southwestern Colorado*. The Discovery Pool Research Grant, Canyonlands Natural History Association, Utah (\$11,000)

- 2006 *Joe Ben Wheat Scholarship*, Museum of Natural History in Denver, Colorado. (\$2,500)
- 2004 *National Scientific Foundation Doctorial Dissertation Award*: Title “Lithic Raw Material Procurement Patterns and the Social Landscape in the Central Mesa Verde Region, A.D. 600–1300.” (\$12,000)
- 2003 *The Don Crabtree Scholarship in Lithic Technology*, Laboratory of Anthropology, University of Idaho. (\$1,000)
- 2003 *The Scoales Scholarship*, Department of Anthropology, Washington State University, Pullman, Washington (\$1,000)
- 2002 *The Don Crabtree Scholarship in Lithic Technology*, Laboratory of Anthropology, University of Idaho. (\$1,000)
- 2000 *The Fred J. Myers Graduate Research Fellowship for 2001*. Crow Canyon Archaeological Center, Cortez, Colorado. (\$500)
- 1999 *The Don Crabtree Scholarship in Lithic Technology*, Laboratory of Anthropology, University of Idaho. (\$1,000)
- 1999 *The Fred J. Myers Graduate Research Fellowship for 1999*. Crow Canyon Archaeological Center, Cortez, Colorado. (\$500)
- 1998 *The Don Crabtree Scholarship in Lithic Technology*, Laboratory of Anthropology, University of Idaho. (\$1,000)
- 1998 *Palouse Asian Association Scholarship*, Palouse Asian Association (\$1,000)
- 1997 *University of Idaho full international student tuition waiver*. (\$4,000)

EXPERIENCE

Field Research
3/2012—Present

Principal Investigator.

- Twin Pines Project (Classic Mimbres), Gila National Forest, New Mexico.
 - Conducted a fieldschool for six weeks from May to July 2015.
 - Categorize and analyze artifacts.
- South Diamond Creek Pueblo Project (Classic Mimbres), Gila Wilderness, New Mexico.
 - Conduct a salvage excavation for three weeks from May to June 2016.
 - Categorize and analyze artifacts.
- Alkali Ridge/Montezuma Canyon Project, southeast Utah.
 - Conduct surveys from 2015 to 2016

12/2008—12/2014

Associated Researcher. Village Ecodynamics Project II (a NSF supported project). Dr. Timothy A. Kohler and Dr. Mark D. Varien, Principal Researchers.

- Compiled chipped-stone databases from each of the study areas in VEPII.

Researcher (excavation). Goodman Point Pueblo. Dr. Mark D. Varien, Project Director.

- Supervised and taught archaeological methods and theories to students (ages 10 and up), volunteers, interns, and staff.

Researcher (survey). Conducted geological surveys in diatremes and dikes in the Navajo Volcanic Field. Dr. David Gonzales and Dr. Kimberlee Gerhardt, co-researchers.

5/2005–12/2005

Researcher (survey). Visited 92 quarry sites in the central Mesa Verde region. This research was funded by the National Science Foundation under grant BCS-0408793.

5/2005

Researcher (excavation). Birch Creek Archaeological Project in Oregon. Dr. William Andrefsky, Project Director.

- Tested and excavated some units.

5/2004–7/2004

Field Supervisor: Washington State University Cox Ranch Pueblo Community Research Project. Fence Lake, New Mexico. Dr. Andrew Duff, Project Director.

- Supervised and taught archaeological methods and theories to undergraduate students.

6/2003–8/2003

Researcher (survey). Community Center Mapping and Dating Project. Crow Canyon Archaeological Center. Dr. Mark Varien, Project Director.

- Revisited, mapped, and engaged in ceramic analysis at large ancestral Pueblo sites.

5/2002–8/2002

Researcher (survey). Community Center Mapping and Dating Project. Crow Canyon Archaeological Center. Dr. Mark Varien, Project Director.

- Revisited, mapped, and engaged in ceramic analysis at large ancestral Pueblo sites.

5/1999–8/2000

Researcher (lithic reconnaissance). Crow Canyon Archaeological Center. Dr. Scott Ortman, Director.

5/2000–7/2000

Field archaeologist. Northwest Archaeological Associates, Seattle, Washington. Mrs. Chris Miss, Director.

- Conducted archaeological excavations for the remediation of cultural resources; Cultural Resource Management (CRM) project in Sand Point, Idaho.

9/1999–10/1999

Field archaeologist (Historical Archaeology). Campus Club Excavation at the University of Idaho. Laboratory of Anthropology. University of Idaho. Cultural Resource Management (CRM) project. Dr. Leah Evans-Janke, Principle Investigator.

- 5/1998–8/1998 Field Archaeologist. Internship at Crow Canyon Archaeological Center, Cortez, Colorado. Assistant to Dr. Andrew Duff, Director of Shield Pueblo Project.
- 6/1997–8/1997 Field Archaeologist. Kooskia National Fish Hatchery, USFWS. Cultural Resource Management (CRM) Project. Lee Sappington, Principle Investigator: Dr. Leah Evans-Janke, Field Director.
- Conducted archaeological surveys and excavations for the remediation of cultural resources.
- 6/1997–8/1997 Field Archaeologist. Salmon River Field School. Dr. Lee Sappington, Principle Investigator.
- 8/1995–9/1995 Volunteer Participant. Tolo Lake Project. Dr. Lee Sappington, Principle Investigator.

Research/Laboratory

- 1/2015—present Museum Director at University Museum at New Mexico State University
- Administrate and assist the Museum’s exhibits, Saturday family workshops, outreach programs, and collections management.
 - Work with volunteers to catalogue and analyze existing archaeological collections.
 - Coordinate and teach field trip students (mostly K-12 students).
 - Seek funding and make time to join and attend the meetings of local museum associations.
- 6/2008–7/2011 Laboratory Analysis Specialist. Crow Canyon Archaeological Center.
- Primary responsibilities included the development and management of artifact assemblage analyses, and the production of on-line reports.
 - Published peer-review journal articles and present papers and posters at international and regional conferences.
 - Organized, processed, and analyzed archaeological assemblages in the central Mesa Verde region and Rio Grande region.
 - Taught archaeological methods and theories to students (ages 10 and up), volunteers, interns, and staff; and oversight of small field projects.
- 11/2010–12/2010 Ceramic Analysis Researcher. Mesa Verde National Park, Dr. Scott Ortman, Director.
- Supervised and analyzed approximately 11,000 pottery sherds and intact pottery vessels from more than 100 sites in Mesa Verde National Park.
- 5/2001–8/2002 Laboratory Researcher. Crow Canyon Archaeological Center. Dr. Mark D. Varien, Director.
- Analyzed 13,000 samples of debitage from Shields Pueblo (5MT3807) in Colorado.

- 8/2000–5/2001 Research Assistant. Museum of Anthropology at Washington State University. Dr. Mary Collins, Director.
- Rehabilitated artifacts by categorizing, labeling, and storing materials.
 - Took artifact photographs for online access.
- 8/1999–5/2000 Laboratory Assistant. Laboratory of Anthropology. University of Idaho. Dr. Leah Evans-Janke, Director.
- Rehabilitated artifacts by categorizing, labeling, and storing materials.
 - Assisted undergraduate students in laboratory work.
- 8/1997–12/1998 Laboratory Assistant. Laboratory of Anthropology at the University of Idaho.
- Post-field responsibilities include artifact washing, labeling, and preparing for curation.
 - Conducted metric analysis of artifacts and cataloging materials found at Kooskia National Fish Hatchery.

Teaching

Instructor

- 8/2011–present New Mexico State University, Department of Anthropology
- Introduction to Anthropology (Anth 201, 3 units)
 - World Wide Web (WWW); Online Distance Program, Introduction to Anthropology (Anth 201, 3 units)
 - Introduction to Archaeology (Anth 315, 3 units)
 - Lithic Technological Organization (undergraduate & graduate seminar)
 - Archaeological Method & Theory (graduate seminar)
 - Advanced Southwest (undergraduate & graduate seminar)
 - Introduction to Laboratory (Anth 378/578, 3 units)
 - North American Prehistory (Anth 110, 3 units)
 - Archaeology & Pueblo Cultures of the American Southwest (Anth497/507, 3 units)
 - Japanese Society and Culture (Anth 497, 3 units)
 - Archaeological Field School (Anth 488/522, 6 units)
- 8/2008–5/2011 University of Idaho, Department of Sociology, Anthropology, and Justice Studies.
- World Wide Web (WWW); Online Distance Program, Introduction to Anthropology (Anth 100, 3 units).
- Spring 2008 Washington State University, Department of General Education.
- World Civilization to A.D. 1500 (GenEd 110, 3 units).
 - America Before Columbus (Anth 331, 3 units).
- University of Idaho, Department of Sociology, Anthropology, and Justice Studies.
- Peoples of the World (Cultural Anth 220, 3 units).

- Fall 2007 Washington State University, Department of General Education.
• World Civilization to A.D. 1500 (GenEd 110, 3 units).
• General Anthropology (Anth 101, 3 units).
University of Idaho, Department of Sociology, Anthropology, and Justice Studies.
• Peoples of the World (Cultural Anth 220, 3 units).
- Summer 2007 University of Idaho, Department of Sociology, Anthropology, and Justice Studies.
• Introduction to Anthropology (Anth 100, 3 units).
- Spring 2007 University of Idaho, Department of Sociology, Anthropology, and Justice Studies.
• Introduction to Anthropology (Anth 100, 3 units).
Washington State University, Department of General Education.
• World Civilization to A.D. 1500 (GenEd 110, 3 units).
- Fall 2006 University of Idaho, Department of Sociology, Anthropology, and Justice Studies.
• Archaeological Method and Theory (Anth 530/430, 3 units, for both graduate and undergraduate students).
• Introduction to Anthropology (Anth 100, 3 units).
Washington State University, Department of General Education.
• World Civilization to A.D. 1500 (GenEd 110, 3 units).
- Summer 2006 University of Idaho, Department of Sociology, Anthropology, and Justice Studies.
• Introduction to Anthropology (Anth 100, 3 units).
Washington State University, Department of Anthropology.
• General Anthropology (Anth 101, 3 units).
- Summer 2005 Washington State University, Department of Anthropology.
• Peoples of the World (Cultural Anthropology, Anth 203, 3 units).
- Summer 2003 Washington State University, Department of Anthropology.
• General Anthropology (Anth 101, 3 units).

OUTREACH

- 2/13/2016 Oral Presentation. *Archaeology in the Gila Forks Area in Gila National Forest, New Mexico*, with Garrett Leitermann. Geronimo Springs Museum, Truth or Consequences, New Mexico.
- 11/17/2015 Panel Discussant. *Imprisonment of Japanese in U.S. Prison Camps during World War II and a comparison of camps in Wyoming and New Mexico*. New Mexico State University, Las Cruces, New Mexico.

- 5/15/2015 Oral presentation. *Transformations in Ancestral Pueblo History*. Rite of Passage, Branigan Cultural Center, Las Cruces, New Mexico.
- 12/20/2011 Oral presentation. *Archaeology in the Mesa Verde Region, American Southwest*. Silpakorn University, Bangkok, Thailand
- 12/15/2010 Oral presentation. アナサジ先住民の考古学的考察: アメリカ南西部、メサ・ベルデ地域, Meiji University, Tokyo, Japan
- 9/23/2010 Oral presentation. *The Pueblo People & Geoarchaeology in the Central Mesa Verde Region*. New Mexico Geological Society at Holiday Inn Express, Cortez, Colorado

PAPERS AND POSTERS PRESENTED

- 2016 *Archaeology in the Gila Forks Region in Gila National Forest, New Mexico*. The Geronimo Springs Museum, Truth or Consequence, New Mexico.
- 2016 Hands-on Experience: NMSU Summer Fieldschool at Twin Pines Village in the Gila National Forest. In a session of “Celebrating the Contributions of a Community of Preservation: Forest Service Partners and Volunteers.” Society for American Archaeology. Orlando, Florida. (April 2016). 1st author with Garrett Leitermann, Kailey Martinez, and Austin Schwartz.
- 2015 *Updating Current Archaeological Research by NMSU Archaeologists*. Pecos Conference, Mancos, Colorado (August 8, 2015)
- 2015 *Unraveling Sociopolitical Organization Using Lithic Data: A Case Study from an Agricultural Society in the American Southwest*. In a session of “Global Perspectives on Lithic Technologies in Complex Societies.” Society for American Archaeology, San Francisco, California. (April 18, 2015)
- 2014 *Village Ecodynamics II South Lithic Research*. In a session of “Coupled Regions, Coupled Systems: Dynamics of Prehispanic Farming Societies in the northern San Juan and the northern Rio Grande.” 1st author, with Nathan Goodale, and Douglas Harro. Society for American Archaeology, Austin, Texas. (April 26, 2014)
- 2014 *Mesmerizing, Sacred Place at Tank Mesa Village in Montezuma Canyon, Utah*. 4th author, with Winona Patterson, Kristin Corl, and Todd Scarbrough. Society for American Archaeology, Austin, Texas. (April 24, 2014).
- 2014 *The Power of Scale Approach in Archaeology: A Case Study from the Mesa Verde Region*. In a session of “Power and Scale: An Anthropological Approach Looking at Development and Beyond— Papers in Honor of John H. Bodley.” Society for Applied Anthropology, Albuquerque, New Mexico. (March 20, 2014)
- 2014 *Archaeology in the Central Mesa Verde Region*. In 2014 Lecture Series of “History Notes.” Branigan Cultural Center, Las Cruces, New Mexico.

- 2013 *The Village Ecodynamics Project II Lithic Research*. In a Village Ecodynamics Project Public Outreach meeting. 1st author, with Nathan Goodale and Douglas Harro. Crow Canyon Archaeological Center, Cortez, Colorado (July 29-31, 2013)
- 2013 *Methodology for Sourcing Sanidine Basalt (Trachyte) Tempered Materials in the American Southwest*. In a session of "Recent Research in the American Southwest: New Views on Material Culture." 1st author, with David Gonzales and Alan Koenig. Society for American Archaeology, Honolulu, Hawaii. (April 4, 2013)
- 2013 *Living and Leaving in Thirteenth-century Mesa Verde*. In a session of "Living Abandonment: the Social Process of Detachment from Place." 2nd author, with Donna Glowackie. Society for American Archaeology, Honolulu, Hawaii. (April 4, 2013)
- 2012 *Movement and Decentralization: A Cast Study from the Central Mesa Verde Region of the American Southwest*. In a session of "'Social Complexity': Alternatives to Neoevolutionaism." University of Liverpool, Liverpool, UK. (December 18, 2012)
- 2012 *The Village Ecodynamics Project II Lithic Research*. In a session of "Village Ecodynamics Project II Research." 1st author, with Nathan Goodale and Douglas Harro. Society for American Archaeology, Memphis, Tennessee
- 2012 Archaeology in the central Mesa Verde region, the Dona Ana Archaeological Society, Las Cruces, New Mexico. (March 13, 2012)
- 2011 *Voting with Your Feet: The Response to Increasing Social Hierarchy*. Four-Corner's Lecture Series, Crow Canyon Archaeological Center, Cortez, Colorado.
- 2011 *Evaluating Chaco Influences in the Central Mesa Verde Region Using Material Culture during the Chaco and Post-Chaco Periods*. 1st author, with Jamie Merewether. Society for American Archaeology, Sacramento, California.
- 2010 *Goodman Point Landscape: A Multi-Vocal Perspective*. 2nd author, with Marjorie Connolly, 109th Annual Meeting, American Anthropological Association, New Orleans, Louisiana.
- 2010 *A Geoarchaeological Investigation on the Origin of Sanidine-Bering Volcanic Temper in Pottery Sherds from the Four Corners Area*. 1st author, with David Gonzales, 2010 The Geological Society for America, GSA Denver Annual Meeting, Denver, Colorado.
- 2010 *Frequency of Non-Local Materials Through Time in the Central Mesa Verde Region*. 1st author, with Jamie Merewether. Society for American Archaeology, St. Louis, Missouri.
- 2010 *A Breadcrumb Trail: Using Projectile Point Variation to Address Migration*. 3rd author, with Laura DeFrank, Nathan Goodale, Brian Connolly, and Tim Kohler. Society for American Archaeology, St. Louis, Missouri.

- 2009 *Modeling Quarry Sites in the Central Mesa Verde Region*. 1st author, with Chris Nicholson. Pecos Conference, Cortez, Colorado.
- 2009 *Modeling Quarry Sites in the Central Mesa Verde Region*. 1st author, with Chris Nicholson. Society for American Archaeology, Atlanta, Georgia.
- 2008 *Localization and Devolution Process in the Mesa Verde Region*. Society for American Archaeology, Vancouver, BC.
- 2008 *Obsidian Procurement Patterns during the Chaco Era*. 1st author, with Andrew Duff, Chris Ward, Jeremy Moss, John Kantner, and Steve Shackley. Poster, Southwest Symposium, Tempe.
- 2008 *Geoarchaeology in the Central Mesa Verde Region*. Cultural Center, Cortez, Colorado.
- 2007 *Obsidian Toolstone Procurement in the Mesa Verde Region*. 1st author, with Steve Shackley and Andrew Duff: Society for American Archaeology, Austin.
- 2005 *Toolstone Procurement Patterns of Wetherill Mesa Assemblages from A.D. 750 to 1280*. 1st author, with Kimberlee Gerhardt. Society for American Archaeology, Salt Lake City.
- 2005 *Igneous Diatremes as Sources of Flakable Lithologies and Pottery Temper in Southwest, Colorado*. 2nd author, with Kimberlee Gerhardt, David Gonzales, and Mary Gilliam: Society for American Archaeology, Salt Lake City.
- 2005 *Results from the Cox Ranch Pueblo Community Research Project*. 3rd author, with Matt Landt and Andrew Duff. Poster, Society for American Archaeology, Salt Lake City.
- 2004 *Community Center Survey: Large Sites in Central Mesa Verde Revisited*. 3rd author, with Donna Glowacki, C. Dave Johnson, and Hugh Robinson: Poster, Society for American Archaeology, Montreal.
- 2003 *Lithic Activity Areas in Late Prehistoric Villages in Southwest, Colorado*. Presentation. Society for American Archaeology, Wisconsin.
- 2002 *Transitions in Mesa Verde Region Communities and Lithic Procurement Strategies*. 1st author, with Andrew Duff. Society for American Archaeology, Denver.
- 2001 *Understanding and Visualizing Women's Roles in Procuring, Utilizing, and Making Stone Tools*. Northwest Anthropological Conference, Moscow, Idaho.

- 2001 *Yellow Jacket Pueblo Lithics*. Anthropology Colloquium. Washington State University, Department of Anthropology, Pullman, Washington.
- 1999 *The Nature of Lithic Raw Material Distribution in Yellow Jacket Canyon*. Idaho Archaeological Conference, Moscow, Idaho.
- 1998 *Lithic Analysis of Yellow Jacket Pueblo*. Northwest Anthropological Conference, New Port, Oregon.

SERVICE

Professional Service

Wase Scholarship Committee Member for the Society for American Archaeology
Pecos Conference Organizer
Mogollon Conference Organizer
Manuscript Reviews for Journal/Presses
 American Antiquity (2)
 The Kiva (2)
 The Journal Solid Earth (1)
 Utah Archaeology (1)

Professional Memberships

Society for American Archaeology
Register of Professional Archaeologists
American Anthropological Association
The Society for Applied Anthropology
Geological Society of America
Theoretical Archaeological Group
Doña Ana Archaeological Society

University Service

Faculty Senate (one semester leave replacement from 8/2014-12/2014)

College of Arts and Sciences Service

Admissions Appeal Committee (8/2012-Present)
Southwest Border Cultures Institute Committee (1/2015-Present)

Department Service

Standing Committee on Undergraduate Curriculum and Education (8/2011-5/2015)
Archaeologist Search Committee (8/2014-5/2015)

Current Graduate Students (Serving as a chair)

Garrett Leitemann; Michael Morrison; Austin Schwartz; Sunnie Sartin; Candice Disque; Josh Hill; Daniel Rael; Kevin Conti; Trevor Lea; Thea Stehlik-Barry; Kate Gomolak; Paul Durant; Morgan Cardiel; and Robert Murie.

Past Graduate Students (Serving as a chair)

Winona Patterson; Amanda Hernandez; Molly Murphy

PROFESSIONAL REFERENCES

Dr. Timothy Kohler
Dept. of Anthropology
Washington State University
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(509) 335-2698
tako@wsu.edu

Dr. Miriam Chaiken
Dean of Honors College/Dept. of Anth
P.O. Box 30001, MSC 3HON
Las Cruces, NM 88003
575-646-2005
mchaiken@nmsu.edu

Dr. William Lipe
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Washington State University
Pullman, Washington, 99164-4910
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Dr. Andrew Duff
Dept. of Anthropology
Washington State University
Pullman, Washington, 99164-4910
(509) 335-7828
duff@mail.wsu.edu

Dr. William Andrefsky
Dept. of Anthropology
Washington State University
Pullman, Washington, 99164-4910
(509) 335-1127
and@wsu.edu

Dr. Mark D. Varien
Vice President
Crow Canyon Archaeological Center
23390 Road K Cortez, CO 81321
(970) 564-4351
mvarien@crowcanyon.org

Dr. William Walker
Department of Anthropology
New Mexico State University
1525 Stewart, Room 310
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wwalker@nmsu.edu