

Curriculum Vitae

3/3/2014

Name: Joshua L. Keene

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II. Education/Honors

2005 B.A. in Anthropology from Eastern Washington University with a minor in Art. Graduated with honors (Cum Laude) in 2005. Final GPA: 3.59

2009 M.A. in Anthropology from Texas A&M University, graduated in August 2009. Thesis title: *Site Formation Processes at the Buttermilk Creek Site (41BL1239), Bell county, Texas.*

2009-present Enrolled in Texas A&M Anthropology Dept. PhD program.

2006-present Member of the Society of American Archaeology

III. Professional Experience

Date: 2009-present
Supervisors: Michael R. Waters, Ted Goebel, Texas A&M University
Experience: Part-time archaeological lab technician, including the following duties: artifact illustration, 3d artifact scanning, debitage analysis, research, digital figure and table illustration.

Date: May-August 2013 (12 weeks)
Supervisor: Hollie Gilbert, BEA, Idaho National Laboratory
Experience: Archaeological Survey and Excavation Collaboration Internship. Crew chief/PI for 2013 Excavation at the Pioneer site 10BT676.

Date: January 2013 (2 weeks)
Supervisor: Jessi Halligan, Texas A&M University
Experience: Crew chief for terrestrial shovel-testing project along the Aucilla river, Florida, as part of the Page-Ladsen project.

Date: June-July 2012 (5 weeks)
Supervisor: Ted Geobel and Kelly Graf, Texas A&M University
Experience: Crew chief (Devil Creek survey, 2 weeks) and PI (Pioneer site excavation and Adams Gravel Quarry sites surface survey, 3 weeks) for TAMU archaeology field school.

Date: May-August 2010 (14 weeks), May-September 2011 (16 weeks)
Supervisor: Clayton Marler, BEA, Idaho National Laboratory
Experience: Geoarchaeologist/Geomorphologist Graduate Summer Intern. Crew chief/PI for 2010-2011 Paleoindian testing project along Big Lost River, particularly at the Pioneer site 10BT636.

Date: 2007-2010
Supervisors: Michael R. Waters, Bruce Dickson, Alston Thoms, Sharon Gursky, Tom Green
Experience: Instructional and non-instructional GAT, see below for details.

Date: June - August 2009 (7 weeks)
Supervisor: Dr. Ted Goebel & Dr. Kelly Graf, Center for the Study of the First Americans
Experience: Field technician at archaeological excavations of the Owl Ridge site near Denali National park and the Serpentine Hotsprings site in Bering Landbridge National Preserve.

Date: June 2009 (3 weeks)
Supervisor: Dr. Michael Waters, Center for the Study of the First Americans
Experience: Field technician at the archaeological excavation of the Buttermilk Creek site (41BL1239) in Bell County, TX.

Date: June - July 2008 (4 weeks)
Supervisor: Dr. Ted Goebel, Center for the Study of the First Americans
Experience: Field technician at archaeological survey of Nenana River Valley near Healy, AK.

Date: June-July 2008 (4 weeks)
Supervisor: Dr. Michael Waters, Center for the Study of the First Americans
Experience: Assistant field director and field technician at the archaeological excavation of the Buttermilk Creek site (41BL1239) in Bell County, TX.

Date: June-July 2006, May-July 2007, May-June 2008
Supervisor: Dr. Michael Waters, Center for the Study of the First Americans
Experience: Field technician at the Buttermilk Creek site (41BL1239) in Bell County, TX.

Date: May 2004-2006
Supervisor: Stan Gough, Archaeological and Historical Services @ Eastern Washington University
Experience: Full time archaeological field technician during the summers of 2004-2006, involving test excavations, archaeological surveying and analysis of sites in Washington, Oregon, and Idaho. Part time artifact analysis and lab work from September 2004 to May 2005.

Date: Jan. 2004-2006
Supervisor: Dr. Jerry Galm, Eastern Washington University
Experience: Part time archaeological lab technician, including lithic analysis of site materials and basic cataloguing.

Date: June 2003, 2004
Supervisor: Dr. Jerry Galm, Dr. Sarah Keller, Eastern Washington University
Experience: Participated in 2 summer sessions at EWU's Archaeological Field School at Escure Ranch, Washington. Performed site survey work and test excavations at the Longmound site (45WT282)

Teaching Experience at Texas A&M University:

ANTH 415 – Anthropology Writing. Spring 2010
Instructor

ANTH 340 – Folklore and the Supernatural. Fall 2009
Non-instructional teaching assistant (Dr. Thomas Green)

ANTH 202 – Introduction to Archaeology. Spring 2008, Spring 2007, Spring 2011
Non-instructional teaching assistant (Dr.'s Michael Waters and Bruce Dickson)

ANTH 301 – Indians of North America. Fall 2007
Non-instructional teaching assistant (Dr. Alston Thoms)

Relevant Coursework:

ANTH602 – Archaeological Methods and Theory (3 credits)
ANTH621 – Prehistoric Technology (3 credits)
ANTH624 – Geoarchaeology (3 credits)
ANTH637 – Paleoethnobotany (4 credits)
ANTH642 – Research Design in Anthropology (statistics, 3 credits)
ANTH646 – Ceramic Artifact analysis (3 credits)
ANTH647 – Lithic Artifact Analysis (3 credits)
ANTH638 – Anthropology Proposal Writing (3 credits)

GEOG331 – Geomorphology (3 credits)
GEOG626 – Fluvial Geomorphology (3 credits)
GEOG660 – Applications in GIS (3 credits)
GEOG686 – Quaternary Geomorphology (3 credits)
SCSC310 – Soil Morphology and Interpretation (3 credits)
ANTH625 – Zooarchaeology (4 credits)
ANTH685 – Directed studies in Great Basin Archaeology (2 credits) and Advanced
Archaeological theory (3 credits)

Competent in the Following Software/Hardware:

Adobe Photoshop/Illustrator/Acrobat
Microsoft Office (Word, Excel, Access, PowerPoint)
ArcGIS
Autocad
Surfer
SPSS
R
Total Station, Robotic Total Station
FARO Arm 3d Laser Scanner and Geomagic software
Dreamweaver
Bruker Tracer III-SD pXRF and associated software: S1PXRF, Artax, S1CalProcess

IV. Papers/Publications

Publications

Goebel, Ted and **Joshua L Keene**

2014 Are Great Basin Stemmed Points as Old as Clovis in the Intermountain West? A Review of the Geochronological Evidence. In *Archaeology in the Great Basin and Southwest: Papers in Honor of Don D. Fowler*, edited by Nancy Parezo and Joel Janetski, pp.35-60. University of Utah Press, Salt Lake City.

Driese, Steven, Lee Nordt, Michael Waters, **Joshua L Keene**

2013 Analysis of Site Formation History and Potential Disturbance of Stratigraphic Context in Vertisols at the Debra L. Friedkin Archaeological Site in Central Texas, USA. *Geoarchaeology* 28(3):221-248.

Waters, Michael R., Steven L. Forman, Thomas A. Jennings, Lee C. Nordt, Steven G. Driese, Joshua M. Feinberg, **Joshua L. Keene**, Jessi Halligan, Anna Lindquist, James Pierson, Charles T. Hallmark, Michael B. Collins, James E. Wiederhold

2011 The Buttermilk Creek Complex and the Origins of Clovis at the Debra L. Friedkin Site, Texas. *Science* 331, pp. 1559-1603.

Keene, Joshua L.

2009 Site Formation Processes at the Buttermilk Creek Site (41BL1239), Bell County, Texas. Masters Thesis, Department of Anthropology, Texas A&M University, College Station.

Conference Presentations/Posters

Keene, Joshua L. and Mayra Gracia

2013 Preliminary Lithic and Spatial Analysis of the Adams Gravel Source Haskett Site (10BT1227), Butte County Idaho. Poster Presented at the Paleoamerican Odyssey Conference, Santa Fe.

Keene, Joshua L.

2012 Birch Creek Revisited: Initial analysis of the Bison and Veratic Rockshelter Collections. Poster presented at the 33rd Great Basin Anthropological Conference, Stateline.

Keene, Joshua L. and Clayton Marler

2012 Geoarchaeological Survey at the Idaho National Laboratory: Initial Findings at the Pioneer Site (10BT676). Poster presented at the 77th annual meeting of the Society for American Archaeology, Memphis.

Goebel, Ted and **Joshua L. Keene**

2011 A Critical Review of the "Long Chronology" for Stemmed Points of the Intermountain West, North America. Presented at the 76th annual meeting of the Society for American Archaeology, Sacramento.

Heath, Gail, Clayton Marler, Julie Williams, Hollie Gilbert, Brenda Pace, and **Joshua Keene**

2011 Human Riverine and Lacustrine Adaptations. Presented at the 24th EEGS Symposium on the Application of Geophysics to Engineering and Environmental Problems, Charleston.

Keene, Joshua L. and Clayton Marler

2011 XRF Analysis of Stemmed Points from the Idaho National Laboratory, Northeastern Snake River Plain. Presented at the 76th annual meeting of the Society for American Archaeology, Sacramento.

Keene, Joshua L. and Clayton Marler

2010 Human Riverine and Lacustrine Adaptations: 2010 INL Archaeological Testing Project. Presented at the 32nd Great Basin Anthropological Conference, Layton.

Keene, Joshua L., and Michael Waters

2010 Geoarchaeological Site Formation Processes of a Weakly Developed Vertisol at the Buttermilk Creek Site, TX. Presented at the 75th annual meeting of the Society for American Archaeology, St. Louis.

Keene, Joshua L., Takako Sakamoto, Ted Goebel, Michael R. Waters, Bob Gal
2009 A New Buried and Datable Fluted Point Site in Beringia: New Information from Serpentine Hot Springs. Presented at the 17th annual Arctic Conference, University of Colorado at Boulder, Colorado.

Keene, Joshua L and Michael Waters
2008 Site Formation Processes at the Buttermilk Creek Site (41BL1239), Bell County, Texas. Poster to be presented at the 73rd annual meeting of the Society for American Archaeology, Vancouver.

Galm, Jerry and **Joshua L. Keene**
2006 An Archaeological Perspective on the Genesis of “Mima” mounds in Eastern Washington. Poster presented at the 71st annual meeting of the Society for American Archaeology, San Juan.

Keene, Joshua L and Jerry Galm
2006 Archaeology and the Genesis of “Mima” mounds in Eastern Washington. Poster presented at the 59th annual Northwest Anthropological Conference, Seattle.

Contributed graphic design and artifact illustrations to the following publications:

Michael R. Waters, Charlotte D. Pevny, & David L. Carlson
2011 *Clovis Lithic Technology: Investigation of a Stratified Workshop at the Gault Site, Texas*. Texas A&M University Press, College Station.

(Figure design and site-reconstruction illustrations)

Pevny, Charlotte
2010 *Clovis Lithic Debitage from Excavation Area 8 at the Gault Site (41BL323), Texas: Form and Function*. Unpublished Ph.D. dissertation, Department of Anthropology, Texas A&M University, College Station.

(Artifact illustration)

Goebel, Ted and **Joshua L Keene**
2012 Making a Long Story Short: Contextual and Chronological Hygiene and the Earliest Stemmed Points of the Intermountain West. In *Archaeology for All Times: Papers in Honor of Don D. Fowler*, edited by Joel Janetski and Nancy Parezo. University of Utah Press, Salt Lake City, In Press.

(Figure design and Artifact illustration)

Waters, Michael R., Steven L. Forman, Thomas A. Jennings, Lee C. Nordt, Steven G. Driese, Joshua M. Feinberg, **Joshua L. Keene**, Jessi Halligan, Anna Lindquist, James Pierson, Charles T. Hallmark, Michael B. Collins, James E. Wiederhold

2011 The Buttermilk Creek Complex and the Origins of Clovis at the Debra L. Friedkin Site, Texas. *Science* 331, pp. 1559-1603.

(Figure design)

Goebel, Ted, Bryan Hockett, Kenneth D. Adams, David Rhode, and Kelly Graf
2011 Climate, environment, and humans in North America's Great Basin during the Younger Dryas, 12,900-11,600 calendar years ago. *Quaternary International* 242: 479-501

(Artifact illustration)

Waters, Michael R., Thomas W. Stafford, Jr., H. Gregory McDonald, Carl Gustafson, Morten Rasmussen, Enrico Cappellini, Jesper V. Olsen, Damian Szklarczyk, Lars Juhl Jensen, M. Thomas P. Gilbert, and Eske Willerslev
2011 Pre-Clovis Mastodon Hunting 13,800 Years Ago at the Manis Site, Washington. *Science* 334:351-353.

(Figure design)

External Grants and Contracts Awarded

Keene, Joshua L. (2010) Curation and analysis of archaeological materials from the Pioneer (10BT676) and Adams Gravel Source (10BT1227) sites. Battelle Energy Alliance, Idaho National Laboratory, \$23,365.

Internal Grants and Scholarships

Vision 2020 Dissertation Enhancement Award (2014), grant to aid in completion of lab analysis for dissertation research, Texas A&M College of Liberal Arts, \$4800.

Anthropology Dept. Scholarship (2013, 2012, 2011), based on overall performance and progress towards completing a degree, Center for the Study of the First Americans, Texas A&M University, \$3000 total.

Roy J. Schlemmon Scholarship (2012), Grant devoted to field-related research sponsored by the Center for the Study of the First Americans, Texas A&M University, \$2500.