

KELLY E. GRAF

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• PROFESSIONAL PREPARATION

- Ph.D. 2008, Anthropology, University of Nevada Reno. Committee Chair: Gary Haynes
Dissertation: *Uncharted Territory: Late Pleistocene Hunter-Gatherer Dispersals in the Siberian Mammoth-Steppe*.
- M.A. 2001, Anthropology, University of Nevada Las Vegas. Committee Chair: Alan Simmons
Thesis: *Paleoindian Technological Provisioning in the Western Great Basin*.
- B.S. 1995, Anthropology and Geosciences, Missouri State University, Springfield

• ACADEMIC APPOINTMENTS

Assistant Professor, Center for the Study of the First Americans, Department of Anthropology, Texas A&M University (2013-present).

Research Assistant Professor, Center for the Study of the First Americans, Department of Anthropology, Texas A&M University (2010-2013).

Research Associate and Adjunct Faculty, Center for the Study of the First Americans, Department of Anthropology, Texas A&M University (2008-2009).

Lecturer, Department of Anthropology, Forensic Science, and Archaeology, Baylor University (2008).

• RESEARCH AND TEACHING FIELDS

Dispersal of modern humans in northern environments; peopling of Northeast Asia, Beringia, and North America; Upper Paleolithic and Paleoindian archaeology; hunter-gatherer ecology and adaptations in extreme environments (arctic and arid); human-environment interaction; lithic technology; environmental archaeology; geoarchaeology.

• PUBLICATIONS (*Student Co-Author)

Refereed Books

Graf, K. E., *C. V. Ketron, M. R. Waters, editors (2014) *Paleoamerican Odyssey*. Texas A&M University Press, College Station.

Graf, K. E., *C. V. Ketron, M. R. Waters, editors (2013) *Paleoamerican Odyssey*. Center for the Study of the First Americans Publication Series, Texas A&M University, College Station.

Graf, K. E., D. N. Schmitt, editors (2007 and 2010 paperback reissue) *Paleoindian or Paleoarchaic? Great Basin Human Ecology at the Pleistocene-Holocene Transition*. University of Utah Press, Salt Lake City.

Refereed Journal Articles

Graf, K. E. L. M. DiPietro, K. Krasinski, A. K. Gore, H. L. Smith, B. J. Culleton, D. J. Kennett, D. Rhode (2015) Dry Creek Revisited: New Excavations, Radiocarbon Dates, and Site Formation Inform on the Peopling of the Eastern Beringia. *American Antiquity* 80(4):1-24.

Raghavan, M., P. Skoglund, K. E. **Graf**, M. Metspalu, A. Albrechtsen, I. Moltke, S Rasmussen, T. W. Stafford, L. Orlando, E. Metspalu, M. Karmin, K. Tambets, S. Rootsi, R. Magi, P. F. Campos, E. Balanovska, O. Balanovsky, E. Khusnutdinova, S. Litvinov, L. P. Osipova, S. A. Fedorova, M. I. Voevoda, M. DeGiorgio, T. Sicheritz-Ponten, S. Brunak, S. Demishchenko, T. Kivisild, R. Villems, R. Nielsen, M. Jakobsson, E. Willerslev (2014) Upper Palaeolithic Siberian Geonome Reveals Dual Origins for Native Americans. *Nature* 505(7481):87-91 (doi:10.1038/nature12736, published Jan. 2, 2014, Epub Nov 20, 2013).

Goebel, T., *H. L. Smith, *L. DiPietro, M. R. Waters, B. Hockett, K. E. **Graf**, R. Gal, S. B. Slobodin, R. J. Speakman, S. G. Driese, D. Rhode (2013) Serpentine Hot Springs, Alaska: results of excavations and implications for the age and significance of northern fluted points. *Journal of Archaeological Science* 40:4222-4233.

Graf, K.E., N. Bigelow (2011) Human Response to Climate during the Younger Dryas Chronozone in Central Alaska. *Quaternary International* 242:434-451.

Goebel, T., B. Hockett, K. D. Adams, D. Rhode, K. **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.
ISI Web of Knowledge Impact Factor: 1.96.

Lorenzen, E. D., D. Nogués-Bravo, Orlando, L., Weinstock, J., Binladen, J. K. A. Marske, A. Ugan, M. K. Borregaard, M. T. P. Gilbert, R. Nielsen, S. Y. W. Ho, T. Goebel, **K. E. Graf**, D. Byers, J. T. Stenderup, M. Rasmussen, P. F. Campos, J. A. Leonard, K-P. Koepfli, D. Froese, G. Zazula, T. W. Stafford, K. Aaris-Sørensen, P. Batra, A. M. Haywood, J. S. Singarayer, P. J. Valdes, G. Boeskorov, J. A. Burns, S. P. Davydov, J. Haile, D. L. Jenkins, P. Kosintsev, T. Kuznetsova, X. Lai, L. D. Martin, H. G. McDonald, D. Mol, M. Meldgaard, K. Munch, E. Stephan, M. Sablin, R. S. Sommer, R. Sipko, E. Scott, M. A. Suchard, A. Tikhonov, R. Willerslev, R. K. Waynes, A. Cooper, M. Hofreiter, A. Sher, B. Shapiro, C. Rahbek, E. Willerslev (2011) Species-specific Responses of Late Quaternary Megafauna to Climate and Humans. *Nature* 479:359-365.

Graf, K. E. (2010) Hunter-Gatherer Dispersals in the Mammoth-Steppe: Technological Provisioning and Land-Use in the Enisei River Valley, South-Central Siberia. *Journal of Archaeological Science* 37(1):210-233.

Graf, K. E., *J. Blong, T. Goebel (2010) A Concave-Based Projectile Point Form from New Excavations at the Owl Ridge Site, Central Alaska. *Current Research in the Pleistocene* 27:88-91.

Graf, K. E. (2009) "The Good, the Bad, and the Ugly": Evaluating the Radiocarbon Chronology of the Middle and Late Upper Paleolithic of the Enisei River Valley, South-central Siberia. *Journal of Archaeological Science* 36(3):694-707.

Graf, K. E. (2008) Is It Really That Old? Dating the Siberian Upper Paleolithic Site of Afontova Gora-2. *Current Research in the Pleistocene* 25:45-47.

Adams, K. D., T. Goebel, K. **Graf**, D. Rhode,*G. Smith, *A. Camp, R. Briggs (2008) Late Pleistocene and Early Holocene Lake-Level Fluctuations in the Lahontan Basin, Nevada: Implications for the Distribution of Archaeological Sites. *Geoarchaeology* 23(5):608-643.

Graf, K. E. (2005) Abandonment of the Siberian Mammoth-Steppe during the LGM: Evidence from the Calibration of ¹⁴C-Dated Archaeological Occupations. *Current Research in the Pleistocene* 22:2-5.

Goebel, T., K. E. **Graf**, B. S. Hockett, and D. Rhode (2003) Late-Pleistocene Humans at Bonneville Estates Rockshelter, Eastern Nevada. *Current Research in the Pleistocene* 20:20-23.

Graf, K. E. (2002) Paleoindian Obsidian Procurement and Mobility in the Western Great Basin. *Current Research in the Pleistocene* 19:87-89.

Buck, P., B. S. Hockett, K. E. **Graf**, T. Goebel, G. Griego, L. Perry, and E. Dillingham (2002) Oranjeboom Cave: A Single-Component Eastgate Site in Northeast Nevada. *Utah Archaeology* 15(1):99-112.

Invited and Refereed Book Chapters

Graf, K. E. (2015) Modern Human Response to the Last Glacial Maximum in Siberia. In *Emergence and Dispersal of Modern Human Behavior in Palaeolithic Asia*, edited by Y. Kaifu, M. Izuho, and T. Goebel, pp. 506-531. Texas A&M University Press, College Station.

Graf, K. E., T. Goebel (2014) Paleolit Bostochnoi Beringin (Aliaska, Iukon). The Paleolithic of Eastern Beringia (Alaska and Yukon). In *Pervonachal'noe zaselenie Arktiki chelovekom v ysloviakh meniaiushcheisia prirodnoi sredy (Initial Human Colonization of the Arctic in Changing Paleoenvironments)*. In Russian and edited by V. M. Kotlyakov, A. A. Velichko, S. A. Vasil'ev, pp. 268-290. GEOS (Russian Geographical Society), Moscow.

Graf, K. E. (2013) Siberian Odyssey. In *Paleoamerican Odyssey*, edited by K.E. Graf, C.V. Ketron, M.R. Waters, pp. 65-80. Center for the Study of the First Americans Publication Series, Texas A&M University, College Station.

Graf, K. E. (2011) On Late Upper Paleolithic Variability in South-Central Siberia: Rethinking the Afontova and Kokorevo Cultures. In *From the Yenisei to the Yukon: Interpreting Lithic Assemblage Variability in Late Pleistocene/Early Holocene Beringia*, edited by T. Goebel and I. Buvit, pp. 33-46. Texas A&M University Press, College Station.

Graf, K. E. (2009) Modern Human Colonization of the Siberian Mammoth-Steppe: A View from South-Central Siberia. In *A Sourcebook of Paleolithic Transitions: Methods, Theories, and Interpretation*, edited by M. Camps and P. R. Chauhan, pp. 479-502. Springer, New York.

Graf, K. E. and Ted Goebel (2009) Upper Paleolithic Toolstone Procurement and Selection at the Sites of Dry Creek, Alaska and Ushki-5, Russia. In *Lithic Materials and Paleolithic Societies*, edited by B. Blades and B. Adams, pp. 54-77. Blackwell Publishers, London.

Hockett, B. S., T. Goebel, K. **Graf** (2008) The Early Peopling of the Great Basin. In *The Great Basin: People and Place in Ancient Times*, edited by C. S. Fowler and D. D. Fowler, pp. 34-43. School for Advanced Research Press, Santa Fe.

Graf, K. E. (2007) Stratigraphy and Chronology of the Pleistocene-Holocene Transition at Bonneville Estates Rockshelter, Eastern Nevada. In *Paleoindian or Paleoarchaic? Great Basin Human Ecology at the Pleistocene-Holocene Transition*, edited by K. E. Graf and D. N. Schmitt, pp. 82-104. University of Utah Press, Salt Lake City.

Goebel, T., K. **Graf**, B. Hockett, D. Rhode (2007) The Paleoindian Occupations at Bonneville Estates Rockshelter, Danger Cave, and Smith Creek Cave (Eastern Great Basin, USA): Interpreting Their Radiocarbon Chronologies. In *On Shelter's Ledge: Histories, Theories, and Methods of Rockshelter Research*, edited by M. Kornfeld, S. Vasil'ev, and L. Miotti, pp. 147-161. BAR International Series, Oxford.

Rhode, D., T. Goebel, K. E. **Graf**, B. Hockett, K. T. Jones, D. B. Madsen, C. G. Oviatt, and D. N. Schmitt (2005) Latest Pleistocene-Early Holocene Human Occupation and Paleoenvironmental Change in the Bonneville Basin, Utah-Nevada. In *Interior Western United States: Geological Society of America Field Guide 6*, edited by J. Pederson and C. M. Dehler, pp. 211-230. The Geological Society of America, Boulder.

Invited Book Reviews

Graf, K. E. (2014) Review of *Structured Worlds: The Archaeology of Hunter-gatherer Thought and Action*, Aubrey Cannon (editor). David Brown Book Company, Oakville, 2011, \$115.00, cloth. *Journal of Anthropological Research* 70(2).

Graf, K. E. (2008) Review of *Human Ecology of Beringia*, by John F. Hoffecker and Scott A. Elias. Columbia University Press, New York, 2007, 304 pp. \$45.00, cloth. *Journal of Anthropological Research* 64:606-608.

Non-Refereed Articles

Graf, K. E. (2013) East to Alaska. *DIG: The Archaeology Magazine for Kids! April 2013 issue*. Cobblestone Publishing, Peterborough.

• **RESEARCH GRANTS**

External Research Grants

Graf, K. E. (2015) Exploring Remote Central Alaska for Evidence of Initial Human Colonization. Elfrieda Frank Foundation, \$25,000.

Graf, K. E. (2010) Research Experiences for Undergraduates (REU) Supplement to Collaborative Research: What is the Nenana Complex? New Excavations at the Late-Pleistocene Owl Ridge Site, Central Alaska. Archaeology Program, National Science Foundation, \$8,000.

Goebel, T., K. E. **Graf**, (2010) Early Humans on the Bering Land Bridge: A Proposal to Investigate the Fluted-Point Site at Serpentine Hot Springs, Alaska. Archaeology Program/Arctic Social Sciences Program, National Science Foundation, \$94,000.

Graf, K. E. (2010) The Earliest Modern Human Siberians: Who were They? Who were Their Ancestors, and Who are Their Descendants? Rapid Response Research (RAPID) grant, Arctic Social Sciences Program, National Science Foundation, \$20,000.

Graf, K. E. (2009) Collaborative Research: What is the Nenana Complex? New Excavations at the Late-Pleistocene Owl Ridge Site, Central Alaska. Archaeology Program/Arctic Social Sciences Program, National Science Foundation, \$183,000.

Graf, K. E. (2005) Uncharted Territory: Human Colonization of the Siberian Mammoth-Steppe. Doctoral Dissertation Improvement Grant, Arctic Social Sciences Program, National Science Foundation, \$13,000.

Institutional Research Grants

Graf, K. E. (2014) Living on the Edge: Human Settlement on Sakhalin Island during the Last Glacial Maximum. Program for the Enhancement of Scholarly and Creative Activities (PESCA) Grant, Division of Research, Texas A&M University, \$10,000.

Graf, K. E. (2003) Jonathan O. Davis Scholarship in Geoarchaeology, Division of Earth and Ecosystem Sciences, Desert Research Institute, \$1750.

Graf, K. E. (2000) Paleoindian Technological Provisioning in the Western Great Basin. Research Grant, Nevada State Museum, \$500.

Cost-Share Support

Graf, K. (2002) Field Survey of the Fallen Leaf Lake Area, Lake Tahoe Basin, California. Cost-share challenge agreement between Lake Tahoe Community College and U.S. Forest Service, Lake Tahoe Basin Management Unit Office, logistical support and in-kind contribution.

• *INSTITUTIONAL TEACHING AWARDS*

Graf, K. E. (2015) Recipient of the 2015-2016 Center for Teaching Excellence-Montague Teaching Excellence Award to develop the field course, *Archaeology Roadshow*, \$6500.

• *INSTITUTIONAL FUNDING FOR GUEST SPEAKER SERIES*

Fall 2011 received a TAMU Department of Anthropology Grant to help fund a guest lecture visit by Dr. Tom Dillehay, \$500.

Spring 2011 received a Notable Lecture Grant from The Melburn G. Glasscock Center for Humanities Research at TAMU to help fund a guest lecture visit by Dr. James Steele, \$1000.

Fall 2010 received a Co-sponsorship Grant from The Melburn G. Glasscock Center for Humanities Research at TAMU to help fund a guest lecture visit by Dr. Nicole Waguespack, \$600.

• *PRESENTATIONS AT PROFESSIONAL MEETINGS (*Student Co-Author)*

Conferences, Symposia, and Field Trips Organized (International and National)

Paleoamerican Odyssey: A Conference Focused on First Americans Archaeology, October 17-19,

2013, Santa Fe, New Mexico (co-organizer with Michael Waters and Ted Goebel).

Paleoindian or Paleoarchaic? New Insights in Late Pleistocene-Early Holocene Archaeology in the Great Basin, March 31-April 3, 2005. Symposium presented at 70th Annual Meeting of the Society for American Archaeology, Salt Lake City (chair).

Late Pleistocene/Early Holocene Archaeology of the Lahontan Basin (2003). Field trip led at XVIth International Union for Quaternary Research Congress, July 23-30, 2003, Reno. (field-trip leader)

Archaeology of Bonneville Estates Rockshelter, Eastern Nevada (2002). Field Trip led at Great Basin Anthropological Conference, Elko. (field-trip co-leader).

Invited Lectures

Graf, K. E. (2014) A Siberian Gravettian: Evidence from Archaeology and Genetics. Paper presented at the El Hombre temprano en las Americas Meeting in Mexico City, Mexico, November 20, 2014.

Graf, K. E. (2014) Siberia Not Iberia. Public Lecture Series, Museum of the Coastal Bend, Victoria College, Victoria, Texas, April 10, 2014.

Graf, K. E. (2013) Siberian Odyssey: Searching for Evidence of Human Dispersal North to Beringia. Paper presented to the GeoGenetics Laboratory and Research Consortium, Natural History Museum of Denmark, University of Copenhagen, Denmark, December 2013.

Graf, K. E., T. Goebel (2011) Ice Age Humans of Siberia and Beringia and Their Role in the Peopling of the Americas. Paper presented to the GeoGenetics Laboratory and Research Consortium, Natural History Museum of Denmark, University of Copenhagen, Denmark, January 2011.

Graf, K. E., (2009) New Excavations at the Owl Ridge Site: Revisiting the Nenana and Denali Complex Problem. Paper presented to the Paleolithic Department at the Russian Academy of Sciences, St. Petersburg, Russia, December 2009.

Graf, K. E. (2009) Bonneville Estates Rockshelter: A View of Human Occupation of Eastern Great Basin. Southwest Seminars Lecture Series, November 16, 2009, Sante Fe.

Graf, K. E. (2005) Paleoindian Archaeology of the Bonneville Basin Desert of Western North America. Public Lecture Series, September Meeting, Institute for Material Cultural History, Russian Academy of Sciences, St. Petersburg, Russia, September 2005.

International and National Conference Presentations

Graf, K. E. (2014) A Siberian Gravettian? New Evidence from Archaeology and Genetics. Paper presented at the Asian Paleolithic Association Meeting in Gonju City, South Korea, November 13, 2014.

Graf, K. E. (2014) North to Alaska! Early Modern Human Expansion to Siberia and Beringia. Paper presented at the 79th Annual Meeting of the Society for American Archaeology, Austin.

*Gore, A. K., **K. E. Graf** (2014) Eastern Beringian Toolstone Procurement and Selection: A Case Study from the Nenana Valley. Paper presented at the 79th Annual Meeting of the Society for American Archaeology, Austin.

Graf, K. E. (2013) Siberian Odyssey: Setting the Stage for the Peopling of the Americas. Paper presented at the *Paleoamerican Odyssey Conference*, Santa Fe.

Graf, K. E., *A. K. Gore (2013) Technological Organization at Owl Ridge and Dry Creek: Human Response to Late Pleistocene Environmental Change in Central Alaska. Paper presented at the 78th Annual Meeting of the Society for American Archaeology, Honolulu.

*Crisafulli, J., K. E. **Graf** (2013) Sediment and Paleoenvironment at Bonneville Estates Rockshelter, Eastern Nevada, during the Pleistocene-Holocene Transition. Poster presented at the *Paleoamerican Odyssey Conference*, Santa Fe.

*DiPietro, L. M., S. G. Driese, K. E. **Graf**, T. Goebel (2013) The Dry Creek Site: A Geological Perspective on Site Formation and Stratigraphic Integrity in Central Alaska. Poster presented at the *Paleoamerican Odyssey Conference*, Santa Fe.

*Gore, A. K., K. E. **Graf** (2013) A Diachronic Investigation of Technological Activities at the Owl Ridge Site, Central Alaska. Paper presented at the *Paleoamerican Odyssey Conference*, Santa Fe.

Graf, K. E. (2012) Colonization of Late Pleistocene Siberia: Upper Paleolithic Siberia before and after the LGM. Paper presented at the 17th International Symposium: Suyanggae and Her Neighbors in KURTAK, Krasnoirsk, Russia.

Graf, K. E., N. H. Bigelow, T. Goebel, *A. Gore, *A. Younie (2012) Dry Creek Revisited, Examining the Type Site for Separation of the Nenana and Denali Complexes. Paper presented at the 77th Annual Meeting of the Society for American Archaeology, Memphis.

*DiPietro, L. M., S. G. Driese, *G. E. Stinchcomb, K. E. **Graf**, T. Goebel, *A. M. Younie, T. E. Gillespie (2012) First Americans archaeology and climate: soil chemistry and its applications for geoarchaeology in central Alaska. Paper presented at the Geological Society of America Annual Meeting, Charlotte.

Goebel, T., K. E. **Graf** (2012) Chronological Hygiene and the Peopling of Beringia. Paper presented at the 77th Annual Meeting of the Society for American Archaeology, Memphis.

*Gore, A. K., K. E. **Graf** (2012) Raw Material Procurement at the Owl Ridge Site, Central Alaska. Poster presented at the 77th Annual Meeting of the Society for American Archaeology, Memphis.

Graf, K. E. (2011) Who Colonized Late Pleistocene Siberia? An Examination of Upper Paleolithic Siberians Before and After the LGM. Paper presented at the Dual Symposia on the Emergence and Diversity of Modern Human Behavior in Palaeolithic Asia and The 4th Annual Meeting of the Asian Palaeolithic Association (APA), Tokyo, Japan.

Graf, K. E., *H. Smith, T. Goebel (2011) Was Clovis in Beringia? Current Status of Fluted Points in Alaska. Paper presented at the 76th Annual Meeting of the Society for American Archaeology, Sacramento.

*Gore, A., K. E., **Graf** (2011) Re-evaluating of the Denali Complex "Cobble Feature" at the Owl Ridge Site, Teklanika River, Central Alaska. Poster presented at the 76th Annual Meeting of the Society for American Archaeology, Sacramento.

Driese, S. G., L. C. Nordt, G. E. Stinchcomb, K. E. **Graf**, T. Goebel, M. R. Waters (2011) Applications of Soil Morphology, Pedology, and Geochemistry to Interpreting Potential for Disturbance of Stratigraphic Context at Geoarchaeological Sites: Texas Vertisols and Alaskan Gelisols. Paper presented at the Developing International Geoarchaeology (DIG) Conference, Knoxville.

Graf, K. E., T. Goebel (2010) Place and Time: Looking to Siberia for Answers Regarding the Origins of the First Americans. Paper presented at the V Simposio Internacional "El hombre temprano en America," La Plata, Argentina.

Graf, K. E., N. Bigelow (2010) Human Response to the Younger Dryas in Central Alaska. Paper presented at 75th Annual Meeting of the Society for American Archaeology, St. Louis.

*Gilmer, A., K. E. **Graf** (2010) Preliminary Sedimentological and Stratigraphic Observations in the Late Pleistocene-Early Holocene Deposits of Bonneville Estates Rockshelter, Eastern Nevada. Poster presented at the 75th Annual Meeting of the Society for American Archaeology, St. Louis.

Graf, K. E., *J. Blong, T. Goebel, V. Bryant, *J. Halligan (2009) Revisiting Owl Ridge: A Nenana-Complex Site in the Northern Foothills of the Alaska Range. Poster presented at 74th Annual Meeting of the Society for American Archaeology, Atlanta.

Graf, K. E. (2008) Upper Paleolithic Technological Provisioning Strategies and Land-Use in South-Central Siberia. Paper presented at 73rd Annual Meeting of the Society for American Archaeology, Vancouver, B.C.

Graf, K. E. (2006) Uncharted Territory: Human Colonization of the Siberian Mammoth Steppe. Paper presented at XV Congress of the International Union for Prehistoric and Protohistoric Sciences, September 4-9, 2006, Lisbon, Portugal.

Graf, K. E. (2006) Upper Paleolithic Colonization of the Mammoth Steppe: A View from the Enisei River Basin. Paper presented at Center for the Study of the First Americans-International Union for Quaternary Research-National Science Foundation Beringian Workshop, College Station.

Goebel, T., B. Hockett, K. **Graf**, and D. Rhode (2006) Paleoindian Archaeology of the Eastern Great Basin, USA: the Views from Bonneville Estates Rockshelter, Danger Cave, and Smith Creek Cave. 15th UISPP Congress (International Union of Scientists of Prehistory and Protohistory), Lisbon, Portugal.

Graf, K. E. (2005) Chronology and Stratigraphy of the Pleistocene-Holocene Boundary at Bonneville Estates Rockshelter, Eastern Nevada. Paper presented at 70th Annual Meeting of the Society for American Archaeology, Salt Lake City.

Graf, K. E. and T. Goebel (2004) Upper Paleolithic Toolstone Procurement and Selection across Beringia. Paper presented at 69th Annual Meeting of the Society for American Archaeology, Montreal.

Goebel, T., K. Adams, K. **Graf**, *P. Bruce, and *Z. Winter (2004) Jakes Depression: a New Clovis Site in the Great Basin. 69th Annual Meeting of the Society for American Archaeology, Montreal.

Goebel, T., and K. **Graf** (2003) Humans in the Great Basin before, during, and after the Younger Dryas. International Quaternary Association Congress, Reno.

Graf, K. E., T. Goebel, B. Hockett, and D. Rhode (2002) Recent Archaeological Investigations at Bonneville Estates Rockshelter, Eastern Great Basin. Paper presented at 67th Annual Meeting of the Society for American Archaeology, Denver.

Graf, K. E. (2001) Technological Provisioning in the Western Great Basin. Paper presented at 66th Annual Meeting of the Society for American Archaeology, New Orleans.

Graf, K. E. (2000) Late Paleoindian Archaeology of the Sadmat Site. Geoarchaeology Field Trip presented at Annual Meeting of the Geological Society of America, Reno.

Regional Conference Presentations

Graf, K. E., N. H. Bigelow, T. Goebel, *A. Gore, *A. Younie (2012) Dry Creek Revisited. Paper presented at the 2012 Alaska Anthropological Association Meeting, Seattle, WA.

Graf, K. E., *A. Younie (2011) The Owl Ridge Site: Multiple Occupations of the Teklanika Valley at the Pleistocene-Holocene Boundary. Paper presented at the 2011 Alaska Anthropological Association Meeting, Fairbanks, AK.

Graf, K. E. (2010) Revisiting the Owl Ridge Site: An Update. Paper presented at the 2010 Alaska Anthropological Association Meeting, Anchorage, AK.

Graf, K. E., * J. Blong (2009) Reinvestigations of the Owl Ridge Site in Central Alaska: A First Look. Paper presented at 17th Arctic Conference, Boulder, CO.

Graf, K. E., T. Goebel, B. Hockett, D. Rhode (2008) What Were They Doing during the Pleistocene-Holocene Transition at Bonneville Estates Rockshelter? Paper presented at Great Basin Anthropological Conference, Portland, OR.

Goebel, T., K. **Graf**, B. Hockett, D. Rhode (2008) Projectile Point Chronology at Bonneville Estates Rockshelter from Ca. 13,000-100 Years Ago. Paper presented at Great Basin Anthropological Conference, Portland, OR.

Graf, K. E., B. Hockett, T. Goebel (2006) Four Siblings Rockshelters: A First Look at Their Archaeological Records. Paper presented at Great Basin Anthropological Conference, Las Vegas, NV.

Goebel, T., B. Hockett, K. **Graf**, and D. Rhode (2006) More on the Putative "Pre-Clovis" Human Occupation at Bonneville Estates Rockshelter. Paper presented at 30th Great Basin Anthropological Conference, Las Vegas, NV.

Goebel, T., B. Hockett, K. **Graf**, and D. Rhode (2006) An Update on the Paleoindian Archaeology of Bonneville Estates Rockshelter, Eastern Nevada. Paper presented at 30th Great Basin Anthropological Conference, Las Vegas, NV.

Graf, K. E., T. Goebel, B. Hockett (2004) Bonneville Estates Rockshelter: An Update on the Late Pleistocene Archaeology. Paper presented at Great Basin Anthropological Conference, Sparks, NV.

Goebel, T., K. Adams, and K. **Graf** (2004) Jakes Depression: a New Clovis Site in the Great Basin. Paper presented at Great Basin Anthropological Conference, Sparks, NV.

Goebel, T., K. **Graf**, B. Hockett, and D. Rhode (2004) Bonneville Estates Rockshelter and the Younger Dryas in the Eastern Great Basin. Paper presented at 57th Annual Meeting of the Northwest Anthropological Conference, Eugene, OR.

Graf, K. E., T. Goebel, B. Hockett, and D. Rhode (2002) Late Pleistocene to Early Holocene Archaeology at Bonneville Estates Rockshelter, Eastern Great Basin. Paper presented at Great Basin Anthropological Conference, Elko, NV.

Goebel, T., and K. **Graf** (2002) Pre-Archaic Technological Organization in the Goshute Valley, Northeast Nevada. Paper presented at Great Basin Anthropological Conference, Elko, NV.

Graf, K. E. and T. Goebel (2000) A Possible Fluted Point Site in the Steptoe Valley, Elko County, Nevada. Paper. Annual Meeting of the Nevada Archaeological Association, Ely, NV.

- ***STUDENT RESEARCH PROJECTS SUPERVISED***

Independent Student Research Projects Supervised

Since 2009, over 20 students have accompanied me on my field projects, beyond enrolling in summer field courses. Several others have worked for me on individual research projects, often leading to papers or posters presented at international, national and regional conferences and technical reports submitted to funding agencies. Below is a list of these specific student research projects.

Neil Puckett, Ph.D. (*in progress*) Spatial analysis of the Owl Ridge artifact assemblages, Alaska.

Angela Gore, Ph.D. (2012-*present*) Lithic analyses and archaeological organization study of the Owl Ridge artifacts, Alaska. 3 poster presentations (Society for American Archaeology conference, Memphis, Paleoamerican Odyssey conference, Santa Fe) to date, 2 paper presentations (Spring 2014, Society for American Archaeology conferences, Austin and Alaska Anthropological Association conference, Fairbanks) and 1 article manuscript nearly finished.

Lyndsay DiPietro, Ph.D. (2012-*present*) Soil micromorphology and geochemistry of sediments from Owl Ridge and Dry Creek, Alaska. 1 presentation (Geological Society of America conference, Charlotte), 1 poster presentation (Paleoamerican Odyssey conference, Santa Fe.).

Judith Melton, B.A. (2014-*present*) Lithic Refitting and Site Formation at the Owl Ridge Site, Central Alaska. Honors Senior Thesis (as a Junior in May 2015). Test Excavations of the Birch Creek Ridge and Little Panguingue Creek sites. Reports to the Alaska State Historic Preservation Office (expected in May 2016).

Julie Crisafulli, B.A. (2013-2014) Analysis of sediment from Bonneville Estates Rockshelter, Nevada. 1 poster presentation (Paleoamerican Odyssey Conference, Santa Fe).

Angela Gore, B.A. (2010-2011) Excavation of the cobble-feature area at Owl Ridge, Alaska. This project resulted from NSF-REU funding. 1 poster presentation (Society for American Archaeology conference, Sacramento), 1 NSF research report.

Tarah Marks, B.A. (2010-2011) Geoarchaeological testing of Owl Ridge site formation, Alaska. This project resulted from NSF-REU funding. 1 NSF research report.

Anna Gilmer, B.A. (2010) Sediment analysis of the late Pleistocene deposits from Bonneville Estates Rockshelter, Nevada. 1 poster (Society for American Archaeology conference, St. Louis).

Graduate Students Advised

Angela Gore, PhD. (2011-2014) Lithic Raw Material Procurement and Selection in the Nenana Valley, Interior Alaska. (2014-present) Understanding the Middle Upper Paleolithic in Siberia.

Neil Puckett, PhD. (2013-present) Modeling Human Land-use in the Great Basin in Terrestrial and Underwater Contexts.

Other Graduate Student Committee Participation

To date, I serve on four additional PhD committees in Anthropology at Texas A&M University. Students: John Blong, Marion Coe, Josh Lynch, Rossana Paredes, Angelina Perrotti, Casey Wayne Riggs. Recent graduates: Heather Smith, Jessi Tune, Angela Younie.

I serve as an unofficial committee member/mentor on one PhD committee in Geology at Baylor University. Student: Lyndsay DiPietro.

• ***PROFESSIONAL AND SERVICE ACTIVITIES***

Service to Discipline

Grant Proposal Review Panels

Review panelist for the Arctic Social Science Program, Division of Arctic Sciences, National Science Foundation, Washington D.C. (2010).

Grant Proposal Reviews

Regularly review proposals for the Archaeology Program, Division of Behavioral and Cognitive Sciences and Arctic Social Sciences Program, Division of Polar Programs, National Science Foundation (2009-present).

Publication Reviews

Reviewed the book manuscript *Translation of 'The Stone Age of Chukotka' by Margarita A. Kiryak (Dikova)*, for the University of Utah Press (September 2009).

Regularly review several journal articles in *Quaternary International*, *Journal of Archaeological Science*, *American Antiquity*, other scientific journals, and book chapters (2008-present).

University Service

University Service

Member (Anthropology Department Representative) Faculty and Staff Interaction Team (FASIT). Advance Center (2015-present).

College of Liberal Arts Service

Member (Anthropology Department Representative) Undergraduate Instruction Committee, College of Liberal Arts (Fall 2011).

Department of Anthropology Service

Member (Archaeology Program Representative), Climate and Inclusion Committee, Department of Anthropology (2012-present). Helped draft the department's *Statement on Values, Conduct and Conflict*.

New Core Curriculum Proposal review coordinator (Spring 2013). Special Service.

Center for the Study of the First Americans (CSFA)

Coordinator of production and upkeep of the CSFA webpage, <http://csfa.tamu.edu/index.php> (2010-2014).

Coordinator of CSFA Public Lecture Series (2010-2011).

Service to Public

Story presented on ancient DNA study of early modern Siberians and First Americans ancestry in TAMUtimes, November 20, 2013 issue (re-published in Houston Chronicle, Reuters, Washington Post, Voice of America, Chicago Tribune, Al Jazeera America, The China Post, Science Daily, etc.).

Open house to the local communities of Healy, Ferry, and McKinley Village, Alaska of the excavations of the Dry Creek Late Pleistocene Archaeological Site, 12-5 pm, August 6, 2011.

Story presented on excavations at the Owl Ridge site in Central Alaska in the July 2010 issue of *Mammoth Trumpet* 25(3).

Story presented on excavations at Bonneville Estates Rockshelter site in eastern Nevada in the Spring 2007 issue of *American Archaeology* 11(1).

Graf, K. E. (2014) Siberia: Ice Age Homeland of the First Americans. Invited public lecture presented at the opening of the "Ice Age Exhibit" at the Brazos Valley Museum of Natural History, April 22.

Goebel, T., K. E. **Graf** (2008) Paleoindian Archaeology of the Eastern Great Basin: A Look at the Record from Bonneville Estates Rockshelter. Herrett Forum Public Lecture Series, May 12, Herrett Center for Arts and Science, Twin Falls.

Graf, K. E. (2002) Were Paleoindians in the Lahontan Basin Utilizing a Wetland Adaptation? Public Lecture Series, Am-Arcs January Meeting, Reno.

Goebel, T. K. E. **Graf** (2002) Paleoindian Technology in the Great Basin. Workshop, Nevada Archaeological Association Annual Meeting, Carson City.

• **PROFESSIONAL AFFILIATIONS**

Alaska Anthropological Association
Great Basin Anthropological Association
Society for American Archaeology
International Union for Quaternary Research
International Union for Prehistoric and Protohistoric Sciences
Asian Paleolithic Association
Suyanggae and Her Neighbors Paleolithic Working Group

• **RESEARCH EXPERIENCES**

Principal Investigator, Geoarchaeologist, Excavations of the McDonald Creek Site, Tanana River Valley, Central Alaska, Texas A&M University, US Army/Colorado State University (2015-present).

Co-Principle Investigator, Geoarchaeologist, Blair Lakes Research Project and McDonald Creek Testing Project, Tanana River Valley, Central Alaska, Texas A&M University, US Army/Colorado State University (2013-present).

Principal Investigator, Paleoindian Survey of the Red Rock Lakes National Wildlife Refuge, Centennial Valley, Montana. Texas A&M University (2012-present).

Principal Investigator, Collaborative Geoarchaeological Investigations of the Multicomponent Dry Creek Site, Central Alaska. Texas A&M University, University of Alaska Fairbanks (2011-present).

Principal Investigator, Geoarchaeologist, Paleoindian Survey in Alaska: Upper Tanana and Lower Yukon Drainages. Texas A&M University (2011-present).

Principal Investigator, Collaborative Investigations of Late Pleistocene Northeast Asian Human Remains (Siberian Upper Paleolithic): mtDNA Genome and AMS Dating Analyses. Texas A&M University, University of Copenhagen (2009-2014).

Principal Investigator, Interdisciplinary Investigations of the Multicomponent Owl Ridge Site, Central Alaska. Texas A&M University, University of Alaska Fairbanks (2007-present).

Co-Principal Investigator, Archaeologist & Stratigrapher. Excavations of the Serpentine Hot Springs Fluted Point Site, Bering Land Bridge National Preserve, Western Alaska. Texas A&M University, National Park Service (2009-2013).

Co-Principal Investigator, Archaeologist & Stratigrapher, Excavations of the Multicomponent Bonneville Estates Rockshelter, Bonneville Basin, Nevada. University of Nevada Las Vegas, University of Nevada Reno, Texas A&M University, Bureau of Land Management Elko Field Office, and Desert Research Institute (2000-present).

Co-Principal Investigator, Archaeologist, Nenana Valley Lithic Raw Material and Paleoindian Survey, Central Alaska. Center for the Study of the First Americans, Texas A&M University (2007-present).

Archaeologist, Excavations of the Multicomponent Site of Lapa do Picareiro, Covao do Coelho, Portugal, Center for the Study of the First Americans, Texas A&M University and University of Louisville (2008).

Co-Principal Investigator, Archaeologist & Stratigrapher, Yukon River Paleoindian Survey, Eastern Alaska. Center for the Study of the First Americans, Texas A&M University (2007).

Co-Principal Investigator, Archaeologist, Fenn Clovis Cache Raw Material Survey. Center for the Study of the First Americans, Texas A&M University (2007).

Co-Principal Investigator, Archaeologist & Stratigrapher, Four Siblings Rockshelters Test Excavation, Bonneville Basin, Nevada. University of Nevada Reno, Bureau of Land Management Elko Field Office (2006).

Principal Investigator, Lithic Analyst, Lithic Analysis of Upper Paleolithic Site Assemblages from the Enisei River Region, South-Central Siberia. University of Nevada Reno, Russian Academy of Sciences, St. Petersburg (2005).

Principal Investigator, Archaeologist, Black Rock Desert Rockshelter Survey, Nevada. University of Nevada Reno, Bureau of Land Management Winnemucca Field Office (2003).

Co-Principal Investigator, Archaeologist & Stratigrapher, Test Excavations of the Moonshine and Moonshadow Paleoindian Sites, Black Rock Desert, Nevada. Sundance Archaeological Research Fund, University of Nevada Reno, Bureau of Land Management Winnemucca Field Office (2003).

Archaeologist & Stratigrapher, Reinvestigation of Late Pleistocene Archaeological Deposits at Danger Cave, Utah. University of Nevada Reno, Utah Division of History, Utah Geological Society, Desert Research Institute (2002).

Co-Principal Investigator, Archaeologist, Winnemucca Basin Beach Ridge Survey Project, Nevada. Sundance Archaeological Research Fund, University of Nevada Reno, Bureau of Land Management Winnemucca Field Office (2002).

Co-Principal Investigator, Archaeologist, Goshute Mountain Paleoindian Survey Project, Nevada. University of Nevada Las Vegas, Bureau of Land Management Elko Field Office (2001).

Archaeologist & Stratigrapher, Excavations of the Walker Well Paleoindian Site, Nevada. University of Nevada Las Vegas, Bureau of Land Management Elko Field Office (2000).

Archaeologist, Excavations of the Upper Paleolithic Ushki Lake Site, Kamchatka, Russia. University of Nevada Las Vegas, Texas A&M University, Russian Academy of Sciences, Magadan (2000).

Principal Investigator, Lithic Analyst, Lithic Analysis of the Sadmat and Coleman Paleoindian Sites, Winnemucca Basin, Nevada. University of Nevada Las Vegas, Nevada State Museum, Carson City (1999).

Archaeologist, Test Excavations of the Lucky Springs Fluted Point Site and Goshute Valley Survey Project, Nevada. University of Nevada Las Vegas, Bureau of Land Management Elko Field Office (1999).

Soil Scientist Aid, Soil Descriptions for the Las Vegas Valley, Nevada. United States Department of Agriculture, Natural Resource Conservation Service, Southern Nevada Resource Area, Las Vegas, Nevada (1999).

• ***CULTURAL RESOURCE MANAGEMENT EXPERIENCE***

Positions

CRM Archaeologist, Lithic Analyst, Desert Research Institute, 2215 Raggio Parkway, Reno, Nevada 89512/755 East Flamingo Rd., Las Vegas, Nevada 89119 (1998-2001).

Projects: 4 in Nevada and Utah.

CRM Field Supervisor, Lithic Analyst, Markman & Associates, Inc., 840 South Meramec Ave., St. Louis, Missouri 63105 (1996-1998).

Projects: 45 in Missouri and Illinois.

CRM Field Archaeologist, Center for Archaeological Research, Southwest Missouri State University, Springfield, Missouri 65804 (1995).

Projects: 2 in Missouri.

State Agency Reports

Graf, K. and T. Goebel (2006) *Beach Ridge Archaeology in North Winnemucca Lake Basin Project*. Cultural Resource Report No. CR2-2881 (P). Prepared for U.S. Bureau of Land Management Winnemucca Field Office, Winnemucca, Nevada. Sundance Archaeological Research Fund, University of Nevada Reno.

Graf, K., and A. DuBarton (2001) *A Class III Cultural Resources Survey of the Southern Nevada Water Authority North Valley Lateral Pipeline*. Report No. LC-NV-00-10. Prepared for the Bureau of Reclamation Desert Research Institute, Division of Earth and Ecosystem Sciences, Las Vegas, Nevada.

Graf, K. E., B. M. Mueller, C. W. Markman (1998) *Country Crossings Development, Columbia, Monroe County, Illinois: A Phase I Cultural Resources Survey*. Report No. 143. Prepared for STS Custom Homes, Inc., Columbia, Illinois. Markman & Associates, Inc., St. Louis, MO.

Graf, K. E., B. M. Mueller, C. W. Markman (1998) *Keswick Place Development, Shiloh, St. Clair County, Illinois: A Phase I Cultural Resources Survey*. Report No. 142. Prepared for Pagano Development, Inc., St. Louis, MO. Markman & Associates, Inc., St. Louis, MO.

Graf, K. E., B. M. Mueller, C. W. Markman (1998) *Loop Creek Residential Development, Belleville, St. Clair County, Illinois: A Phase I Cultural Resources Survey*. Report No. 141. Prepared for Tom E. Glosier, St. Charles, MO. Markman & Associates, Inc., St. Louis, MO.

Graf, K. E., B. M. Mueller, C. W. Markman (1997) *Horseshoe Lake Residential Development, Madison County, Illinois: A Phase I Cultural Resources Survey*. Report No. 138. Prepared for Sherrill Associates, Inc., Edwardsville, IL. Markman & Associates, Inc., St. Louis, MO.

Graf, K. E., B. M. Mueller, C. W. Markman (1997) *Springfield Estates Residential Development, Madison County, Illinois: Phase II Significance Testing of Site 11MS1786*. Report No. 136. Prepared for The Concept Group, Inc., St. Louis, MO. Markman & Associates, Inc., St. Louis, MO.

Graf, K. E., C. W. Markman, B. M. Mueller (1997) *Eagle Lake Estates, Granite City, Madison County, Illinois: Phase II Significance Testing of Sites 11MS1752, 11MS1754, 11MS1756, 11MS1757, and 11MS1759.* Report No. 135. Prepared for RAMM Development, Inc., Granite City, IL. Markman & Associates, Inc., St. Louis, MO.

Graf, K. E., B. M. Mueller, C. W. Markman (1997) *Somerset Place Residential Development, Glen Carbon, Madison County, Illinois: A Phase I Cultural Resources Survey.* Report No. 133. Prepared for Bertels-Grinter Development, Inc., Edwardsville, IL. Markman & Associates, Inc., St. Louis, MO.

Graf, K. E., B. M. Mueller, C. W. Markman (1997) *Springfield Estates Development, Madison County, Illinois: A Phase I Cultural Resources Survey.* Report No. 131. Prepared for The Concept Group, Inc., St. Louis, MO. Markman & Associates, Inc., St. Louis, MO.

Graf, K. E., B. M. Mueller, C. W. Markman (1997) *Timberwolf Residential Development, Glen Carbon, Madison County, Illinois: A Phase I Cultural Resources Survey.* Report No. 130. Prepared for Sherrill Associates, Inc., Edwardsville, IL. Markman & Associates, Inc., St. Louis, MO.

Graf, K. E., B. M. Mueller, C. W. Markman (1997) *Century Oaks Subdivision, Lebanon, St. Clair County, Illinois: A Phase I Cultural Resources Survey.* Report No. 123. Prepared for CCV Development, L.L.C., Lebanon, IL. Markman & Associates, Inc., St. Louis, MO.

Graf, K. E., B. M. Mueller, C. W. Markman (1997) *Kerasotes Theater Development, Edwardsville, Madison County, Illinois: Phase II Testing of Sites 11MS1638, 11MS1664.* Report No. 117. Prepared for Woolpert, L.L.P., Belleville, IL. Markman & Associates, Inc., St. Louis, MO.

Graf, K. E., B. M. Mueller, C. W. Markman (1997) *Central Park Plaza Second Addition, Caseyville Township, St. Clair County, Illinois: A Phase I Cultural Resources Survey.* Report No. 114. Prepared for Shelton Construction, Inc., Belleville, IL. Markman & Associates, Inc., St. Louis, MO.

Graf, K. E., C. W. Markman (1997) *Black Diamond Residential Development, Edwardsville, Madison County, Illinois: Phase II Testing of Sites 11MS1674 and 11MS1675.* Report No. 107. Prepared for Black Diamond Corporation, Edwardsville, IL. Markman & Associates, Inc., St. Louis, MO.

Graf, K. E., B. M. Mueller, C. W. Markman (1996) *Keebler Oaks Development, Maryville, Madison County, Illinois: A Phase I Cultural Resources Survey.* Report No. 100. Prepared for Sherrill Associates, Inc., Edwardsville, IL. Markman & Associates, Inc., St. Louis, MO.

Graf, K. E., B. M. Mueller, C. W. Markman (1996) *Central Park Plaza Commercial Development, O'Fallon, St. Clair County, Illinois: A Phase I Cultural Resources Survey.* Report No. 95. Prepared for Shelton Construction, Inc., Belleville, IL. Markman & Associates, Inc., St. Louis, MO.