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**Education**

- Ph.D. Environmental Science, University of North Texas, 2007  
Dissertation: *A Paleozoological Perspective on Predator Extermination and White-tailed Deer (Odocoileus virginianus Boddaert) Overabundance in Central Texas*  
Supervisor: James H. Kennedy
- Ph.D. Anthropology, University of Missouri, 2001  
Dissertation: *Environmental Implications of Zooarchaeological Measures of Resource Depression*  
Supervisor: R. Lee Lyman
- M.A. Anthropology, University of Missouri, 1996  
Thesis: *Morphometry and Taphonomy of the Lawson Cave Ursids*  
Supervisor: R. Lee Lyman
- B.A. Anthropology with honors (Summa Cum Laude, Phi Beta Kappa), Arizona State University, 1994  
Thesis: *The World-wide Distribution of the Thrifty Genotype*  
Supervisor: Donald Morris

**Current Positions**

*Associate Professor*, UNT Department of Geography (Sept. 2012 to present)  
*Honorary Associate in Archaeology*, Univ. Sydney, Faculty of Arts and Sciences (Sept. 2016 to present)  
*Editor*, Journal of Ethnobiology (2015 to present)  
*President*, Parent Teacher Organization, Selwyn College Preparatory School (June 2016 to present)  
*Research Associate*, Crow Canyon Archaeological Center, Cortez, CO (Summer 2010 to present)

**Professional Experience**

*University of North Texas* (Starting Aug. 2004)  
Associate Professor, Department of Geography (2012 through present)  
Editor, *Ethnobiology Letters* (2010 to 2015)  
Treasurer, Society of Ethnobiology (March 2008 to 2014)  
Faculty Fellow, UNT Center for the Study of Interdisciplinarity (May 2011 to 2014)  
Conference Organizer, 36<sup>th</sup> Annual Meeting of the Society of Ethnobiology (May 2013)  
Graduate Program Coordinator, UNT Environmental Science (November 2010 to May 2013)  
Assistant Professor, Department of Geography (Sept. 2007 through 2012)  
Research Assistant Professor, Department of Geography (April 2007 through Sept. 2007)  
Teaching Fellow, Department of Geography (Aug. 2004 through Dec. 2006)

*Northern Kentucky University* (Aug. 2003 through May 2004)  
Acting Museum Director, Museum of Anthropology &  
Lecturer, Department of Sociology, Anthropology, & Philosophy

*Grand Valley State University* (Aug. 2001 through May 2003)  
Visiting Assistant Professor, Department of Anthropology

*Westminster College* (January through May 2001)  
Adjunct Instructor, Department of Sociology & Anthropology.

*University of Missouri* (Jan. 1995 through Dec. 2000)

2000 Instructor, Department of Anthropology

2000 (fall) Co-facilitator, Freshman Interest Group Program, College of Arts and Science

1998 (fall) through 1999 (fall) Research Assistant, Department of Anthropology

1997 (fall)/1998 (winter) Teaching Assistant, Department of Anthropology

1996 (fall) Peer Advisor, Freshman Interest Group Program, College of Arts and Science.

1995 (winter) Teaching Assistant, Department of Anthropology

## **Recognitions**

2016, Ethnobiology Mentor Award, Society of Ethnobiology

2016, Nominee, J. H. Shelton Excellence in Teaching Award, University of North Texas

2015, Most Appreciated Professor (MAP) Award (co-winner), UNT Geography and the Environment

## **Research**

Primary research interests are (i) ethnobiology of foragers and pastoralists, (ii) North American archaeology, (iii) the role of paleozoology in conservation biology, (iv) methods of archaeofaunal analysis including prey morphometry and mortality, utility and transport, and taphonomy, (v) and application of methods in analytical chemistry to archaeology.

## ***Grants, Contracts, & Awards***

### Received External – Federal:

PI, *NSF Archaeology*. The Use of “Ancient” DNA for Interpreting Predation and Mammalian Population Dynamics. \$55,069 (2016 – 2017).

Co-PI, *NSF Archaeology*. Collaborative Research: Modeling Crop Failure Potential in Late Pueblo Mesa Verde Villages. Linked Proposal with Washington State University (Lisa Nagaoka PI) \$116,206 UNT (2015 – 2016).

PI, *NSF Archaeometry Technical Development Grant*. Expanding Application of Proteomics-based Research in Archaeological Residue Analysis. Linked proposal with University of South Florida. \$97,393 UNT (2011 – 2014).

Co-PI, *Institute of Museum and Library Sciences*. Digitization of the Freshwater Mussels of Texas. \$140,000 (2009 – 2011).

PI, *NSF Archaeometry Technical Development Grant*. Development and Application of Proteomics-based Research in Archaeological Residue Analysis. Linked proposal with University of South Florida. \$60,273 UNT (2008 – 2011).

Student, *National Science Foundation Dissertation Improvement Grant*: “Holocene Human Prey Acquisition in Central Missouri,” \$10,000 (2000).

### Received External – Regional:

Co-PI, *Texas Agrilife Extension*. Utility of a Soft Release Technique for Restoring Northern Bobwhites. \$119,193 (2014-2015).

Co-PI, *Sabine River Authority*. Toledo Bend Relicensing Project: Lower Sabine River Mussel and Benthic Macroinvertebrate Study. \$74,852 (2010-2011).

PI, *Sabine River Authority*. Ecology of Lower Sabine Mussels and Benthic Macroinvertebrates. \$58,502 (2009-2010).

PI, *Geo-Marine, Inc. Research Contract*. Analysis of Archaeological Freshwater Shellfish Remains from 41TR198. \$3,530 (2009)

PI, *Geo-Marine, Inc. Research Contract*. Analysis of Archaeological Freshwater Shellfish Remains from 41DL203. \$1,500 (2009)

PI, *Geo-Marine, Inc. Research Contract*. Zooarchaeological Analysis of the 41TR170 Fauna: Tarrant County, TX \$2,400 (2007).

PI, *Geo-Marine, Inc. Research Contract*. Zooarchaeological Analysis of Remains from Two Sites in Collin County, TX: 41COL172 and 41COL173 \$2,200 (2007).

PI, *Geo-Marine, Inc. Research Contract*. Zooarchaeological Analysis of Remains from 16BO475, Barksdale AFB, LA \$330 (2006).

PI, *Geo-Marine, Inc. Research Contract*. Zooarchaeological Analysis of Four Vertebrate Faunas from Bexar County, TX: 41BX254, 41BX256, 41BX1621, and 41BX1628 \$600 (2006).

Co-PI, *Tarrant County Regional Water District*. Archaeological Mitigation at the Pecan Valley and Chambers Sites, Tarrant County, TX \$176,000 (2006 & 2007).

PI, *Geo-Marine, Inc. Research Contract*. Analysis and taphonomy of zooarchaeological remains from 41BX1623 \$500 (2006).

PI, *Geo-Marine, Inc. Research Contract*. Analysis of archaeofaunal remains from survey of historic Mission sites near San Antonio, TX \$1,500 (2005).

PI, *Geo-Marine, Inc. Research Contract*. Analysis of archaeofaunas from five prehistoric sites in Louisiana. \$500 (2004).

Received Internal:

PI, *UNT College of Arts and Science Scholarly and Creative Activity Award*. A Study of Iron Age Horse Dairying from a Mongolian Pazyryk Pottery Vessel. \$4600 (2016).

Co-PI, *UNT Research Opportunities Grant*. Water Security and Village Abandonment in the Mesa Verde Region. \$7500 (2013-2014).

Co-PI, *UNT Charn Uswachoke International Development Fund Grant*. Cultural Ecology, Environmental Archaeology, and GIS in Western Argentina. \$7000 (2012-13).

PI, *UNT Research Opportunities Grant*. Cultural Ecology, Environmental Archaeology, and GIS in Western Argentina. \$10,000 (2012-13).

PI, *UNT Joint UAEM-UNT Research Seed Funding Program*. Community Values Mapping in Mexico and North Texas and Evaluation of Payment for Hydrological Environmental Services in the Nevado de Toluca National Park, Mexico. \$5000 (2012).

PI, *UNT Center for the Study of Interdisciplinarity Funding*. The Mesa Verde Story. \$6000 (2011).

Recipient, *UNT Junior Faculty Summer Research Fellowship*. Time, Space, and Form: Applied Zooarchaeology in Conservation. \$7,500 (2010).

PI, *UNT Research Opportunities Grant*. Mesa Verde Subsistence During Collapse at Goodman Point Pueblo. \$7,500 (2009-2010).

Recipient, *UNT Junior Faculty Summer Research Fellowship*. Geospatial & Temporal Variability in White-tailed Deer Body Size Relative to Habitat Productivity. \$5,000 (2008).

Co-PI, *UNTHSC – UNT Joint Institutional Seed Research Program Grant*. Development and Application of Proteomics-based Methods in Archaeological Research. \$3,250 UNT; \$17,000 total (2008).

PI, *UNT Research Initiation Grant*. Extraction and Identification of Protein Residues from Archaeological Pottery. \$5,000 (2008).

Student, *University of Missouri Graduate Professional Council Student Travel Grant* (2001).

Student, *American Quaternary Association Travel Grant* (2000).

Student, *University of Missouri Graduate Professional Council Travel Grant* (2000).

Student, *University of Missouri Graduate Student Association Travel Scholarship* (1997).

## ***Publications***

### Books & Edited Volumes

L. Nagaoka and S. Wolverton, editors. (2016) *Archaeology as Ethnobiology*. Special Issue of the *Journal of Ethnobiology* 36:3 (forthcoming).

S. Wolverton, L. Nagaoka, and T. Rick. (2016) *Applied Zooarchaeology: Five Case Studies*. Eliot Werner Publications, Clinton Corners, NY.

I. McKechnie, S. W. Kansa, and S. Wolverton, editors. (2015) Digital Zooarchaeology. Special Issue of *Ethnobiology Letters*. 6:2.

J. David Taylor and S. Wolverton, editors. (2015) *Sushi in Cortez: Interdisciplinary Essays on Mesa Verde*. University of Utah Press, Salt Lake City.

S. Wolverton, J. Veteto, and K. Chambers, editors. (2014) *Climate Change and Ethnobiology*. Special Issue of the *Journal of Ethnobiology*. 34:3.

S. Wolverton and R. L. Lyman, editors. (2012) *Conservation Biology and Applied Zooarchaeology*. University of Arizona Press, Tucson.

### Articles Published or In Press:

Popejoy, T., Wolverton, S., Nagaoka, L., and Randklev, C. R. (in press). "An Interpretive Framework for Assessing Freshwater Mussel Taxonomic Abundances in Zooarchaeological Faunas." *Quaternary International*.

Wolverton, S., Figueroa, R. M., and Swentzell, P. (2016). "Archaeology, Heritage, and Moral Terrains: Two Cases from the Mesa Verde Region." *Ethnobiology Letters*. Forthcoming.

Wolverton, S. and Randklev, C. R. (2016). "Archaeological Data Indicate a Broader Late Holocene Distribution of the Sandbank Pocketbook (Unionidae: *Lampsilis satura* Lea 1852) in Texas." *American Malacological Bulletin*. Forthcoming.

Otaola, C., Giardina, M., Fry, M., Neme, G., and Wolverton, S. (2016) "Zooarqueología y Tafonomía en Pastores actuales del Sur de Mendoza." *Intersecciones en Antropología*. 17:121-127.

- Dombrosky, J. Wolverton, S., and Nagaoka L. (2016) "Archaeological Data Suggest Broader Early Historic Distribution for Blue Sucker (*Cycleptus elongatus*, Actinopterygii, Catostomidae) in New Mexico." *Hydrobiologia* 771:255-263.
- Randklev, C. R., Ford, N., Wolverton, S., Kennedy, J. H., Robertson, C., Mayes, K., and Ford, D. (2016) "The Influence of Stream Discontinuity and Life History Strategy on Mussel Community Structure: A Case Study from the Sabine River, Texas." *Hydrobiologia* 770:173-191.
- Wolverton, S., Dombrosky, J., and Lyman, R. L. (2016) "Practical Significance: Ordinal Scale Data and Effect Size in Zooarchaeology" *International Journal of Osteoarchaeology* 26:255-265.
- Wolverton, S., Otaola, C., Neme, G. Giardina, M., and Gil, A. (2015) "Patch Choice, Landscape Ecology, and Foraging Efficiency: The Zooarchaeology of Late Holocene Foragers in Western Argentina." *Journal of Ethnobiology* 35:499-518.
- Barker, A., Dombrosky, J., Chaput, D., Venables, B., Wolverton, S. and Stevens, S. M. Jr. (2015) "Validation of a Non-Targeted LC-MS Approach for Identifying Ancient Proteins: Method Development on Bone to Improve Artifact Residue Analysis." *Ethnobiology Letters* 6:162-174.
- Otaola, C., Wolverton, S., Giardina, M., and Neme G. (2015) "Geographic Scale and Zooarchaeological Analysis of Late Holocene Foraging Adaptations in Western Argentina." *Journal of Archaeological Science* 55:16-25.
- Barr, B. and Wolverton, S. (2014) "The Effect of Population Density on Juvenile Growth Rate in White-tailed Deer." *Environmental Management* 54:897-907.
- Dombrosky, J. and Wolverton, S. (2014) "TNR and Conservation on a University Campus: A Political Ecological Perspective" *PeerJ* 2:e312; DOI 10.7717/peerj.312.
- Wolverton, S., Nolan, J. M., and Ahmed, W. (2014) "Ethnobiology, Political Ecology and Conservation" *Journal of Ethnobiology* 34:125-152.
- Wolverton, S. (2013) "Ethnobiology 5: Interdisciplinarity in an Era of Rapid Environmental Change." *Ethnobiology Letters*. 4:21-25.
- Wolverton, S. (2013) "Data Quality in Zooarchaeological Faunal Analysis." *Journal of Archaeological Method and Theory*. 20:381-396.
- Wolverton, S., Nagaoka, L., Dong, P., and Kennedy, J. H. (2012) "On Behavioral Depression in White-tailed Deer." *Journal of Archaeological Method and Theory*. 19:462-489.
- Barker, A., Venables, B., Stevens, S. M., Jr., Seeley, K. W., Wang, P., and Wolverton, S. (2012) "An Optimized Approach for Protein Residue Extraction and Identification from Ceramic After Cooking." *Journal of Archaeological Method and Theory*. 19:407-439.
- Neme, G., Wolverton, S., and Gil, A. (2012) "Modelo Ecológico para Evaluar La Sobreexplotación de Ungulados: Implicancias en Los Conjuntos Zooarqueológicos de Guanaco del Sur de Mendoza." *Archaeofauna* 21:195-205.
- Peacock, E., Randklev, C. R., Wolverton, S., Palmer, R. A., and Zaleski, S. (2012) "The 'Cultural Filter' and the Applied Potential of Zooarchaeological Data." *Ecological Applications*. 22:1446-1459.

Huston, M. A. and Wolverton, S. (2011). "Regulation of Animal Body Size by eNPP, Bergmann's Rule, and Related Phenomena." *Ecological Monographs* 81:349-405.

Randklev, C. R., Wolverton, S., Kennedy, J. H., Lundeen, B. (2010). "A Paleozoological Perspective on Unionid Zoogeography in the Trinity River, Texas." *Ecological Applications* 20:2359-2368.

Wolverton, S. (2010). "The North American Pleistocene Overkill Hypothesis and the Re-wilding Debate." *Diversity and Distributions* 16:874-876.

Stevens, S., Wolverton, S., Venables, B., Barker, A., Seeley, K., and Adhikari, P. (2010). "Evaluation of Microwave Assisted Enzymatic Digestion and Tandem Mass Spectrometry for the Identification of Protein Residues from an Inorganic Solid Matrix: Implications for Archaeological Research." *Analytical and Bioanalytical Chemistry* 396:1491-1499.

Wolverton, S., Randklev, C. R. and Kennedy, J. H. (2010). "A Conceptual Model for Freshwater Mussel (family: Unionidae) Remains Preservation in Zooarchaeological Assemblages." *Journal of Archaeological Science* 37:164-173.

Wolverton, S., Huston, M. A., Kennedy, J. H., Cagle, K. and Cornelius, J. D. (2009). "Conformation to Bergmann's Rule in White-tailed Deer can be Explained by Food Availability." *American Midland Naturalist* 162:403-417.

Huston, M. A. and Wolverton, S. (2009). "The Global Distribution of Net Primary Production: Resolving the Paradox." *Ecological Monographs* 79:343-377.

Wolverton, S., Lyman, R. L., Kennedy, J. H. and La Point, T. W. (2009). "The Terminal Pleistocene Extinctions in North America, Hypermorphosis Evolution, and the Dynamic Equilibrium Model." *Journal of Ethnobiology* 29:28-63.

Randklev, C. R., Wolverton, S. and Kennedy, J. H. (2009). "A Biometric Technique for Assessing Prehistoric Freshwater Mussel Population Dynamics (Family: Unionidae) in North Texas." *Journal of Archaeological Science* 36:205-213.

Wolverton, S., Nagaoka, L., Densmore, J. and Fullerton, B. (2008) "White-tailed Deer Harvest Pressure and Within-bone Nutrient Exploitation during the Mid to Late Holocene in Southeast Texas, USA." *Before Farming* Issue 2/ Article 3.

Wolverton, S. (2008) "Characteristics of Late Holocene American Black Bears in Missouri: Evidence from Two Natural Traps." *Ursus* 19:177-184.

Wolverton, S. (2008) "Harvest Pressure and Environmental Carrying Capacity: An Ordinal Scale Model of Effects on Ungulate Prey." *American Antiquity* 73:179-199.

Wolverton, S., Kennedy, J. H. and Cornelius, J. D. (2007) "A Paleozoological Perspective on White-tailed Deer (*Odocoileus virginianus texana*) Population Density and Body Size in Central Texas." *Environmental Management* 39:545-552.

Wolverton, S. (2006) "Natural-Trap Ursid Mortality and the Kurtén Response." *Journal of Human Evolution* 50:540-551.

Wolverton, S. (2005) "The Effects of the Hypsithermal on Prehistoric Foraging in Missouri." *American*

*Antiquity* 70:91-106.

Wolverton, S. (2002) "NISP:MNE and % Whole in Analysis of Prehistoric Carcass Exploitation." *North American Archaeologist* 23:85-100.

Wolverton, S. (2002) "Zooarchaeological Evidence of Prairie Taxa in Central Missouri During the mid-Holocene." *Quaternary Research* 58:200-204.

Lyman, R. L. and Wolverton, S. (2002) "The Late Prehistoric/Early Historic Game Sink in the Northwestern United States." *Conservation Biology* 16:73-85.

Wolverton, S. (2001) "Caves, Ursids, and Artifacts: A Natural Trap Hypothesis." *Journal of Ethnobiology* 21:55-72.

Wolverton, S. and Lyman, R. L. (2000) "Immanence and Configuration in Analogical Reasoning." *North American Archaeologist* 21:233-247.

Lyman, R. L., Wolverton, S. and O'Brien, M. J. (1998) "Seriation, Superposition, and Interdigitation: A History of Americanist Graphic Depictions of Culture Change." *American Antiquity* 63:239-261.

Wolverton S. and Lyman, R. L. (1998) "Measuring Late Quaternary Ursid Diminution in the Midwest." *Quaternary Research* 49:322-329.

#### Editorials and Invited Posts

Nagaoka, L. and S. Wolverton. (2016). "Archaeology as Ethnobiology" *Journal of Ethnobiology* (forthcoming).

McKechnie, I., S. W. Kansa, and S. Wolverton. (2015). "Snapshots of Digital Scholarship in Zooarchaeology: Introduction to the Special Issue. *Ethnobiology Letters* 6(2):218-223.

Wolverton, S. (2015). "Reason vs. Guns and the Denial of Global Warming." *Inside Higher Education*, October 12, 2015, <https://www.insidehighered.com/views/2015/10/12/facts-about-guns-and-other-social-issues-must-be-embraced-essay>.

Wolverton, S. (2015). "Hopi, Earth Science, and Corn: An Essay." DigDeeper: MyCrowCanyon blog, <https://sites.google.com/site/blog15022a/mycrowcanyon-blog/Hopi-Earth-Science-and-Corn-an-Essay>, June 2015.

Wolverton, S., Chambers, K. C., and J. Veteto. (2014) "Climate Change and Ethnobiology" *Journal of Ethnobiology* 34:273-275.

#### Book Chapters

Wolverton, S., Nolan, J. M., and Fry, M. (2016) "Political Ecology and Ethnobiology" in *Introduction to Ethnobiology*, edited by U. P. Albuquerque and R.R. N. Alves, pp. 75-82. Springer, New York.

Wolverton, S. Barker, A., and Dombrosky, J. (2016) "Paleoethnobiology" in *Introduction to Ethnobiology*, edited by U. P. Albuquerque and R.R. N. Alves, pp. 25-32. Springer, New York.

Wolverton, S. (2015) "'Making Sushi' and Producing the Mesa Verde Project," in *Sushi in Cortez: Essays from the Edge of Academia*, edited by J. D. Taylor and S. Wolverton, pp. 1-27. University of Utah Press, Salt Lake City.

Wolverton, S., Dombrosky, J. and Barker, A. (2014) "Paleoethnobiologia," in *Introdução à etnobiologia*, edited by U. P. Albuquerque, pp. 43-51. Recife: NUPEEA.

Wolverton, S. and Lyman, R. L. (2012) "Introduction to Applied Zooarchaeology," in *Conservation Biology and Applied Zooarchaeology*, edited by S. Wolverton and R. L. Lyman. University of Arizona Press, Tucson.

Wolverton, S., Randklev, C. R. and Barker, A. (2011). "Ethnobiology as a Bridge between Science and Ethics: An Applied Paleozoological Perspective." In E. Anderson et al. (ed.) *Ethnobiology*, pages 115-132. Wiley Blackwell.

Nagaoka, L., Wolverton, S. and Fullerton, B. (2008) "Taphonomy of the Twilight Beach Seals." In Clark, G., Leach, F. and O'Connor, S. (eds) *Islands of Inquiry: Colonisation, Seafaring, and the Archaeology of Maritime Landscapes*, *Terra Australis* 29, pages 475-498. Australian National University Press, Canberra.

### **Datasets, Reports & Book Reviews**

Wolverton, S., Taylor, D., Bardolph, S., Figueroa, R., Levin, M. and Swentzell, P. "Essays from the Edge of Academia: Supplements to 'Sushi in Cortez'". (2015) Steve Wolverton (Ed.) . Released: 2015-07-01. Open Context. <<http://opencontext.org/projects/03828ABD-2B37-4B91-A592-4266B3DB2383>> DOI: <http://dx.doi.org/10.6078/M7FQ9TJ5>

Wolverton, S. Otaola, C., Neme, G., Giardina, M., Gil, A., and Fry, M. "Zooarchaeology and Cultural Ecology of Puesters in Southern Mendoza, Argentina" (2015) Steve Wolverton (Ed.) . Released: 2015-07-01. Open Context. <<http://opencontext.org/projects/E10CD7DB-C567-4F97-A8B0-605D31A1F919>> DOI: <http://dx.doi.org/10.6078/M7Q81B05>

Wolverton, S., Barker, A., Dombrosky, J., Venables, B. (2014). "Report of Protein Residue Analysis of Zooarchaeological Remains from Goodman Point." Submitted to Crow Canyon Archaeological Center, Cortez, CO.

Barker, A., Dombrosky, J., Eddins, A., Venables, B. and Wolverton, S. (2014) "Report on Residue Analysis of Artifacts from the Dillard Site, Southwestern Colorado." Submitted to Crow Canyon Archaeological Center, Cortez, CO.

Wolverton, S. (2013) "Windows to Other Worlds." Blog Contributor. UNT Research and Economic Development, <https://research.unt.edu/research-profiles/windows-other-worlds>, September 2013.

Wolverton, S. (2012) "An Experiment in Interdisciplinarity." Center for the Study of Interdisciplinarity Blog, <http://csid.unt.edu/>, January 2012.

Wolverton, S. (2011) "Mesa Verde, Interdisciplinarity: Endpoints... Process..." Center for the Study of Interdisciplinarity Blog, <http://csid.unt.edu/>, September 2011.

Wolverton, S. (2011) "Synergy First: An Interdisciplinary Story." Center for the Study of Interdisciplinarity Blog, <http://csid.unt.edu/>, August 2011.

Hoffman, A. and Wolverton, S. (2011) "Faunal Remains from Goodman Point Pueblo." Submitted to Crow Canyon Archaeological Center, Cortez, CO.

Hammontree, S., Mabe, J., Kennedy, J. H., and Wolverton, S. (2011) "The Toledo Bend Relicensing Project: Reconnaissance Survey of Selected Tributaries in the Lower Sabine River Watershed, 10 October



2010 and 5-10 April, 2011.” Submitted to the Sabine River Authority.

Wolverton, S., Fry, M., and J. Hook. (2011) “The Kickapoo Ranch White-tailed Deer Herd: A Preliminary Qualitative Assessment.” Submitted to the Kickapoo Tribe of Texas, Eagle Pass, TX.

Randklev, C. R., Lundeen, B. J., Skorupski, J., Kennedy, J. H., and Wolverton, S. (2011) “Toledo Bend Relicensing Project: Lower Sabine River Mussel Study.” Submitted to the Sabine River Authority.

Wolverton, S. (2010) “Review of *The Pursuit of Ecotopia*,” by E. N. Anderson. *Ethnobiology Letters* 1:22-25.

Wolverton, S. (2010) “Review of *Quantitative Paleozoology*,” by R. L. Lyman. *Ethnobiology Letters* 1:9-11.

Wolverton, S., Fowler, C., and Cozzo D. (2010) “Introducing Ethnobiology Letters.” *Ethnobiology Letters* 1:1-2.

Randklev, C. R. and Wolverton, S. (2010) “Analysis of Archaeological Shellfish Remains from 41COL172.” Report Submitted to Geo-Marine, Inc., Plano, TX.

Randklev, C. R., Lundeen, B., Kennedy, J. H., and Wolverton, S. “Report on the Reconnaissance Survey of the Lower Sabine River, September 2009.” Submitted to the Sabine River Authority.

Wolverton, S. and Randklev, C. (2009) “The Archaeological Faunal Remains from 41TR114 and 41TR205.” Report Submitted to the UNT Center for Environmental Archaeology under a contract from Tarrant Regional Water District.

Randklev, C. R. and Wolverton, S. (2009) “Analysis of Archaeological Shellfish Remains from 41TR198.” Report Submitted to Geo-Marine, Inc., Plano, TX.

Randklev, C. R. and Wolverton, S. (2009) “Analysis of Archaeological Shellfish Remains from 41DL203.” Report Submitted to Geo-Marine, Inc., Plano, TX.

Wolverton, S. and Randklev, C. (2007) “Zooarchaeological Analysis of the 41TR170 Fauna: Tarrant County, Texas.” Report Submitted to Geo-Marine, Inc., Plano, TX.

Wolverton, S. (2007) “Zooarchaeological Analysis of the 41COL173 Vertebrate Fauna: Collin County, Texas.” Report Submitted to Geo-Marine, Inc., Plano, TX.

Wolverton, S. (2007) “Zooarchaeological Analysis of the 41COL172 Vertebrate Fauna: Collin County, Texas.” Report Submitted to Geo-Marine, Inc., Plano, TX.

Wolverton, S. (2006) “Zooarchaeological Analysis of Remains from 16BO475, Barksdale AFB, LA.” Report Submitted to Geo-Marine, Inc., Plano, TX.

Wolverton, S. (2006) “Zooarchaeological Analysis of Four Vertebrate Faunas from Bexar County, TX: 41BX254, 41BX256, 41BX1621, and 41BX1628.” Report Submitted to Geo-Marine, Inc., Plano, TX.

Wolverton, S. and Fullerton, B. (2006) “Zooarchaeological Analysis of the 41BX1623 Archaeofauna.” Report Submitted to Geo-Marine, Inc., Plano, TX.

Wolverton, S. (2005) “Zooarchaeological Analysis of the Mission Reach Survey Faunal Remains.”

Report Submitted to Geo-Marine, Inc., Plano, TX.

Wolverton, S. (2004) "Vertebrate Zooarchaeology of Sites 16BO454, 16BO476, 16BO477, & 16BO531: Barksdale Air Force Base, Louisiana." Report Submitted to Geo-Marine, Inc., Plano, TX.

Wolverton, S. (2004) "Vertebrate Zooarchaeology of Sites 16BO458 & 16BO473: Barksdale Air Force Base, Louisiana." Report Submitted to Geo-Marine, Inc., Plano, TX.

Wolverton, S. (2002) "Archaeofaunal Remains from a Royal Burial at Ek Balam, Yucatán, Mexico." Submitted to the Laboratory of Skeletal Anthropology, Universidad Autonoma del Yucatán, Mérida.

Wolverton, S. (2002): Editor, *The 2002 Archaeological Investigation of Site 12Ma648 at Fort Harrison State Park, Marion County, Indiana A Continuing Assessment and Summary of the NSEAP Research Project*. Report Submitted to the Indiana DNR, Division of Historic Preservation and Archaeology.

Cole, E. and Wolverton, S. (2002) "An Analysis of Construction Materials at 12Ma648 to Determine High Probability Test Areas for Architectural Remnants." pp. 51 – 53 in *The 2002 Archaeological Investigation of Site 12Ma648 at Fort Harrison State Park, Marion County, Indiana A Continuing Assessment and Summary of the NSEAP Research Project*, edited by S. Wolverton.

Love, E. and Wolverton, S. (2002) "The Old, The New, or The Bulldozed?" pp. 57 – 59 in *The 2002 Archaeological Investigation of Site 12Ma648 at Fort Harrison State Park, Marion County, Indiana A Continuing Assessment and Summary of the NSEAP Research Project*, edited by S. Wolverton.

Wolverton, S. (2002) "Review of *The Rise and Fall of Culture History*," by R. L. Lyman, M. J. O'Brien, and R. C. Dunnell. *Journal of the History of the Behavioral Sciences* 38:67-69.

Wolverton, S. and Darwent, C. M. (2000) "Paradigmatic Classification of the Bone Tools from the Tony Glas Site." In *The Tony Glas Site*, edited by W. R. Wood. *North Dakota Archaeology* 7:75-83.

Darwent, C. M. and Wolverton, S. (2000). "Description of the Bone Tools from the Tony Glas Site." In *The Tony Glas Site*, edited by W. R. Wood. *North Dakota Archaeology* 7:30-42.

Wolverton, S. (1999) "Zooarchaeology of the Crabtree Site (23CL164)." Report submitted to the Missouri Department of Transportation, Jefferson City.

### ***Invited Lectures***

Wolverton, S. "Garbology, Archaeology, and Environmental Conservation," Inaugural UNT College of Arts and Sciences Faculty Lecture Series Lecture, Denton, TX (2016).

Wolverton, S. "Environmental Conservation and Archaeology," Tom Austen Brown Lecture, University of Sydney, Department of Archaeology, Sydney, Australia (2016).

Wolverton, S. Figueroa, R., & Swentzell, P. "The Goldilocks Dilemma in Mesa Verde Archaeology: Identity and Environmental Justice." New International Community for Historical Ecology, 2<sup>nd</sup> International Historical Ecology Meeting, Plenary Session Presentation, Vancouver, BC (2015).

Wolverton, S. "Applied Archaeology: Case Studies in Environmental Science." University of Arkansas, Department of Anthropology, Ecological Anthropology Class, Fayetteville, AR (2015).

Wolverton, S. "Two Aspects of Epistemology in Archaeology: Case Studies in Environmental Research." Keynote Speaker, Stanley J. Olsen Eagle Lake Zooarchaeology Conference, Eagle Lake, CA (2015).

Wolverton, S. "Application of Archaeology in Environmental Science." Southern Illinois University, Department of Zoology, Carbondale, IL (2015).

Wolverton, S. "Applied Archaeology, Material Culture, & Environmental Science: Two Studies." Stony Brook University, Sustainability Studies Program, Materials in the Human and Natural World Class. (2014).

Wolverton, S. "Archaeological Approaches Aiding Environmental Science: Three Case Studies." University of New Mexico, Department of Anthropology, Albuquerque, NM (2014).

Wolverton, S. "Wildlife Conservation and Environmental Archaeology: How Archaeological Approaches Aid Environmental Science." Four Corners Lecture Series, Crow Canyon Archaeological Center, Cortez, CO (2014).

Wolverton, S. "Conservation, Political Ecology and Zooarchaeology." Lecture, Department of Anthropology, National Museum of Natural History, Smithsonian Institution, Washington DC (2014).

Wolverton, S. "Conservation, Zooarchaeology, Political Ecology." Lecture, Department of Archaeology, funded by the Jon and Cathy Driver Fund, Simon Fraser University, BC, Canada (2013).

Wolverton, S. "White-tailed Deer Body Size: Time, Space, and Form." Annual Sean Webster Memorial Lecture, Department of Geography, UNT (2009).

Wolverton, S. "Models, Applications, and New Research Directives from SE Texas to SW Colorado." (May 2008). Invited Lecture, Crow Canyon Archaeological Center, Cortez, Colorado.

Wolverton, S. "Applied Paleozoology of White-tailed Deer in Texas." (October 2007). Invited Lecture, Texas State University, Department of Biology, San Marcos, Texas.

Wolverton S. "Two Major Extinction Events in Texas: A Disclosive View for Archaeology." (May 2007). Invited Lecture, Dallas Archaeological Society, Dallas, Texas.

Wolverton, S. "The Dynamic Equilibrium Model and the Late Pleistocene Extinctions." (November 2006). Invited Lecture, University of North Texas, Department of Geography Research Seminar Series.

Wolverton, S. "Cumulative Effects, Modern Human Impacts, & Extinctions in Texas." (February 2006). Invited Lecture, Tarrant County Archaeological Society, Fort Worth, Texas.

Wolverton, S. "Natural traps, Bjorn Kurtén, and Analogy: Dangerously Close to Science." (January 2006). Invited Lecture, University of North Texas, Department of Biological Sciences, Environmental Sciences Program, Denton, Texas.

Wolverton, S. "Extinctions in Texas: Using Archaeology in Wildlife Conservation." (October 2005). Invited Lecture, Plano Conservancy for Historic Preservation, Inc. and Geo-Marine, Inc., Plano, Texas.

Wolverton, S. "Paleontological and Archaeological Animal Remains and Biological Conservation in Central Texas." (January 2005). Invited Lecture, The Nature Conservancy, Medina, Texas.

Wolverton, S. w/ P. Killoran. "Taphonomy in Archaeology and Forensics." (January 2004). Invited Lecture, Department of Anthropology, Ball State University, Muncie, Indiana.

Wolverton, S. "Climate Change and Human Predation during the Holocene in the Midwest." (January 2004). Invited Lecture, Central Ohio Valley Archaeological Society, Cincinnati, Ohio.

Wolverton, S. "Prey Availability and Climate Change during the Holocene in the Midwest." (March 2003). Invited Lecture, Department of Anthropology, Michigan State University, Lansing, Michigan.

Wolverton, S. "Humans as Predators during the Holocene in the Central Midwest." (February 2003). Invited Lecture, Coffenbury Chapter of the Michigan Archaeological Society and the AIA: West Michigan Society, Allendale, Michigan.

### ***Sessions & Workshops Organized & Chaired***

Weitzel, E., Wolverton, S. (organizers & chairs) "Foraging Theory: Zooarchaeology and Archaeobotany." 39<sup>th</sup> Annual Meeting of the Society of Ethnobiology, Tucson, AZ (2016).

Wolverton, S. (scholar) "Transformations." Cultural Explorations, Crow Canyon Archaeological Center, Cortez, CO (2015).

Wolverton, S. (chair) "Ethnozoology." 38<sup>th</sup> Annual Meeting of the Society of Ethnobiology, Santa Barbara, CA (2015).

Wolverton, S., Hill, M. E. (organizers & chairs) "Zooarchaeology of New World Ungulates." 12<sup>th</sup> International Conference of Archaeozoology. San Rafael, Mendoza, Argentina (2014).

Wolverton, S., Bryant, V. (organizers & chairs) "Interdisciplinary Approaches to Ethnobiology." 36<sup>th</sup> Annual Meeting of the Society of Ethnobiology, Denton, TX (2013).

Wolverton, S. (chair) "Archaeological Methods." 35<sup>th</sup> Annual Meeting of the Society of Ethnobiology, Denver, CO (2012).

Taylor, D., Wolverton, S. et al. (organizers & chairs) "Sharing Mesa Verde Stories: Transdisciplinary Collaboration in the Field. 35<sup>th</sup> Annual Meeting of the Society of Ethnobiology, Denver, CO (2012).

Taylor, D., Wolverton, S. et al. (organizers & chairs) "Mesa Verde Stories, Arts and Archaeology: A Presentation and Exhibition. University of North Texas, Denton, TX (2012).

Taylor, D., Wolverton, S. et al. (organizers) "Mesa Verde Stories: A Transdisciplinary Panel Discussion. University of North Texas, Denton, TX (2012).

Ponette-González, A. G. and Wolverton, S. (organizers & chairs) "Geographical Ecology." Association of American Geographers, Southwest Division, Annual Meeting, Austin, TX (2011).

Wolverton, S. (chair) "Paleoecology and Historical Ecology." 34<sup>th</sup> Annual Meeting of the Society of Ethnobiology, Columbus, OH (2011).

Wolverton, S. and Huston, M. A. (organizers & chairs) "International Ethnobiological and Ecological Perspectives on Environmental Justice." 34<sup>th</sup> Annual Meeting of the Society of Ethnobiology, Columbus, OH (2011).

Barker, A., Reber, N., and Wolverton, S. (organizers) "Chemical Residue Analysis in Archaeology: Method Development and Residue Diagenesis." 76<sup>th</sup> annual meeting of the Society for American Archaeology, Sacramento, CA (2011).

Wolverton, S. and Randklev, C. R. (organizers & chairs) "Time, Space, & Form in Conservation: Zooarchaeological Perspectives from Deep Time." 33<sup>rd</sup> Annual Meeting of the Society of Ethnobiology, Victoria, BC (2010).

Taylor, D. and Wolverton, S. (organizers & chairs) "Science, Life and Politics: Tools for Legitimizing Stories." 33<sup>rd</sup> Annual Meeting of the Society of Ethnobiology, Victoria, BC (2010).

Wolverton, S. (chair) "Innovations in Archaeological Methods." 32<sup>nd</sup> Annual Meeting of the Society of Ethnobiology, New Orleans, LA (2009).

Wolverton, S. and Glidden, K.C. (organizers & chairs) "The Next Step Education through Archaeology Project: Investigations at 12Ma648, Marion County, Indiana." Midwest Archaeology Conference, Columbus, OH (2002).

### **Posters**

"Exploring Agricultural Field Locations and Proximity to Puebloan Habitation Sites by Modeling Soil Moisture in the Central Mesa Verde Region, Southwestern Colorado." (A. Brown, L. Nagaoka, F. Pan, and S. Wolverton) poster at the 81<sup>th</sup> annual meeting of the Society for American Archaeology, Orlando, FL (2016).

"Late Holocene Conservation Baselines for Freshwater Mussels from Three Rivers in Texas." S. Wolverton, C. Randklev, T. Popejoy). 39<sup>th</sup> Annual Meeting of the Society of Ethnobiology, Tucson, AZ (2016).

"Dissolving the Present to See the Past and Consider the Future: The Language and Impact of Collaborative Educational Tourism." (S. Diederichs, S. Wolverton, & S. Payne). 15<sup>th</sup> Biennial Southwest Symposium, Tucson, AZ (2016).

"Modeling Soil Moisture of Farmland Near Mississippian Period Sites in Davidson County, Tennessee." (A. Brown, L. Nagaoka, and S. Wolverton) poster at the 72<sup>nd</sup> Southeastern Archaeological Conference, Nashville, TN (2015).

"Elección de Parcha, Ecología de Paisaje, y Eficiencia Forager." (S. Wolverton, C. Otaola, M. Giardina, G. Neme, and A. Gil) poster at the 6<sup>th</sup> Jornadas Arqueológicas Cuyanas, San Rafael, Mendoza, Argentina (2015).

"Zooarqueología y Tafonomía en Pastores Actuales del Sur de Mendoza." (C. Otaola, M. Giardina, S. Wolverton, and G. Neme) poster at the 6<sup>th</sup> Jornadas Arqueológicas Cuyanas, San Rafael, Mendoza, Argentina (2015).

"Modeling Soil Moisture of Farmland near Mesa Verde Villages at Goodman Point." (A. Brown, L. Nagaoka, F. Pan, and S. Wolverton) poster at the 80<sup>th</sup> annual meeting of the Society for American Archaeology, San Francisco, CA (2015).

"Application of Protein Mass Spectrometry to Zooarchaeological Bone." (S. Wolverton, A. Barker, J. Dombrosky, B. Venables, and S. Stevens) poster at the 80<sup>th</sup> annual meeting of the Society for American Archaeology, San Francisco, CA (2015).

"Characterizing Weathered Protein Residues from an Intra-Annual Cooking Experiment." (J. Dombrosky, A. Barker, A. Eddins, S. Wolverton and B. Venables) poster at the 80<sup>th</sup> annual meeting of the Society for American Archaeology, San Francisco, CA (2015).

“The Influence of Variability in Local Vegetation on White-tailed Deer (*Odocoileus virginianus*) Body Size at Fort Hood, Texas.” (A. Eddins and S. Wolverton) paper at the 62<sup>nd</sup> annual meeting of the Southwestern Association of Naturalists, San Diego, CA (2015).

“Impacts of PIII Resource Intensification on Leporid Populations in the Northern San Juan Region, AD 1000-1280.” (co-author w/ L. Ellyson) poster at the 12<sup>th</sup> International Conference of Archaeozoology, San Rafael, Mendoza, Argentina (2014).

“Zooarchaeology of Contemporary Goat Ranching Among Puesteros of Western Argentina.” (w/ M. Giardina, C. Otaola, M. Fry, G. Neme) poster at the 37<sup>th</sup> annual meeting of the Society of Ethnobiology, Cherokee, NC (2014).

“Modeling Crop Failure Potential in Late Pueblo III Mesa Verde Villages.” (2<sup>nd</sup> author w/ L. Nagaoka, F. Pan) poster at the 37<sup>th</sup> annual meeting of the Society of Ethnobiology, Cherokee, NC (2014).

“Blood from Bones: Protein Residues from Zooarchaeological Remains from Goodman Point Pueblo.” (co-author w/ A. Barker et al.) poster at the 37<sup>th</sup> annual meeting of the Society of Ethnobiology, Cherokee, NC (2014).

“Large Game Abundance and Source-Sink Dynamics in the Northern Rio Grande and Mesa Verde Regions.” (3<sup>rd</sup> author with J. Dombrosky, L. Nagaoka) poster at the 37<sup>th</sup> annual meeting of the Society of Ethnobiology, Cherokee, NC (2014).

“Zooarchaeology and Conservation Biology of the Late Holocene Freshwater Mussel Community in the Leon River Valley of Central Texas.” (3<sup>rd</sup> author w/ T. Popejoy, C. Randklev) poster at the 37<sup>th</sup> annual meeting of the Society of Ethnobiology, Cherokee, NC (2014).

“Plastic Litter as Material Culture: The Applied Archaeology of Stream Pollution.” (co-author w/ E. Carpenter) poster at the 79<sup>th</sup> annual meeting of the Society for American Archaeology, Austin, TX (2014).

“Applied Zooarchaeology of the Late Holocene Freshwater Mussel Community in the Upper Trinity River of North Texas.” (3<sup>rd</sup> author w/ T. Popejoy, A. Eddins) poster at the 79<sup>th</sup> annual meeting of the Society for American Archaeology, Austin, TX (2014).

“Zooarchaeology and Vertebrate Taphonomy of Contemporary Goat Ranching at Puesto Toscal, Western Argentina.” (w/ M. Giardina, M. Fry, C. Otaola, G Neme) poster at the 79<sup>th</sup> annual meeting of the Society for American Archaeology, Austin, TX (2014).

“Assessing the Impacts of Pueblo III Resource Depression on Leporid Populations in Southwestern Colorado.” (4<sup>th</sup> author w/ L. Ellyson, A. Hoffman, C. Winstead) poster at the 79<sup>th</sup> annual meeting of the Society for American Archaeology, Austin, TX (2014).

“Abundance of Large Game and Source-Sink Dynamics in the Northern Rio Grande and Mesa Verde at A.D. 1300.” (3<sup>rd</sup> author w/ J. Dombrosky, L. Nagaoka) poster at the 79<sup>th</sup> annual meeting of the Society for American Archaeology, Austin, TX (2014).

“Modeling Hydrology and Plant Growth in Dryland Irrigation.” (3<sup>rd</sup> author w/ L. Nagaoka, F. Pan) poster at the 79<sup>th</sup> annual meeting of the Society for American Archaeology, Austin, TX (2014).

“The Political Ecology of Free-ranging Cats: Pet Ownership and Wildlife Conservation.” (J. Dombrosky, S. Wolverton) paper at the SWAAG Conference, Nacogdoches (2013).

“Changes in Turkey Exploitation by Ancestral Puebloans: Remodeled Bone Breakage from the Mesa Verde Region and Beyond.” (3<sup>rd</sup> author w/ J. Clinton, R. Lyle) poster at the 76<sup>th</sup> annual meeting of the Society for American Archaeology, Sacramento, CA (2011).

“A Late Holocene Freshwater Mussel (Family Unionidae) Assemblage from the West Fork of the Trinity River, Texas,” (4<sup>th</sup> author w/ C. Randklev, B. Lundeen, J. Kennedy) poster at the 75<sup>th</sup> annual meeting of the Society for American Archaeology, St. Louis, MO (2010).

“Dietary Use of Animal Resources Prior to the Pueblo III Depopulation of the Mesa Verde Region,” (4<sup>th</sup> author w/ A. Hoffman, K. Kuckelman, L. Nagaoka) poster at the 75<sup>th</sup> annual meeting of the Society for American Archaeology, St. Louis, MO (2010).

“Local Spatial Variability in Body Size of White-tailed Deer (*Odocoileus virginianus*) at Fort Hood, Central Texas,” (w/ M. Huston, K. Cagle, J. Kennedy, A. Farmer) poster at the 94<sup>th</sup> annual meeting of the Ecological Society of America, Albuquerque, NM (2009).

“A Taphonomic Perspective on the Late Holocene Biogeography of Freshwater Mussels in North Texas,” (co-author w/ C. Randklev, J. Kennedy) poster at the 94<sup>th</sup> annual meeting of the Ecological Society of America, Albuquerque, NM (2009).

“Extraction and identification of proteins from a pottery matrix using microwave-assisted enzymatic digestion and tandem mass spectrometry,” (co-author w/ A. Barker, B. Venables, S. Stevens) poster at the 57<sup>th</sup> annual meeting of the American Society of Mass Spectrometry, Philadelphia, PA (2009).

“Archaeoproteomics: Quantification, Extraction, and Characterization of Protein Residues from Experimental Cooking Pottery,” (w/ B. Venables, S. Stevens, A. Barker) poster at the 74<sup>th</sup> annual meeting of the Society for American Archaeology, Atlanta, GA (2009).

“Subsistence Context of Pottery Evolution in Southeast Texas,” (co-author w/ L. Nagaoka, B. Fullerton, J. Densmore) poster at the 74<sup>th</sup> annual meeting of the Society for American Archaeology, Atlanta, GA (2009).

“Total Organic Carbon Profile of Corrugated Grayware Sherds from Goodman Point Pueblo,” (co-author w/ A. Barker, J. Till, B. Venables) poster at the 74<sup>th</sup> annual meeting of the Society for American Archaeology, Atlanta, GA (2009).

“A Taphonomic Model of Interspecific Differential Preservation of Freshwater Mussel Remains (family Unionidae),” (co-author w/ C. Randklev, J. Kennedy) poster at the 74<sup>th</sup> annual meeting of the Society for American Archaeology, Atlanta, GA (2009).

“Spatial Turnover and Extirpations: Paleozoological Implications of Archaeological Unionid Remains from the Western Upper Trinity River, North Texas,” (co-author w/ Charles R. Randklev and James H. Kennedy) poster at the 56<sup>th</sup> annual meeting of the North American Benthological Society, Salt Lake City, UT (2008).

“Dispersal and Efficiency: Examining Variability in White-tailed Deer Body Size at Fort Hood, TX,” (w/ K. Cagle, J. H. Kennedy, and J. D. Cornelius) poster at the 55<sup>th</sup> annual meeting of the Southwestern Association of Naturalists, Memphis, TN (2008).

“Paleozoological and Ecological Variability in White-tailed Deer Body Size,” (co-author w/ M. Huston, K. Cagle, and J. D. Cornelius) poster at the 55<sup>th</sup> annual meeting of the Southwestern Association of Naturalists, Memphis, TN (2008).

“A Morphometric Technique for Assessing Prehistoric Mussel Population Dynamics (Family Unionidae) in North Texas,” (co-author w/ C. Randklev and J. H. Kennedy) poster at the 73<sup>rd</sup> annual meeting of the Society for American Archaeology, Vancouver, BC (2008).

“An Assessment of Mesa Verde Mug Function through Lipid Residue Analysis,” (co-author w/ A. Barker, J. Till and B. Venables) poster at the 73<sup>rd</sup> annual meeting of the Society for American Archaeology, Vancouver, BC (2008).

“White-tailed deer carcass exploitation across the pre-pottery/pottery boundary in late Holocene southeast Texas,” (co-author w/ B. Fullerton and L. Nagaoka) poster at the 72<sup>nd</sup> annual meeting of the Society for American Archaeology, Austin, Texas (2007).

“Evaluating two proxy measures of bone fragmentation,” (w/ L. Nagaoka and J. Densmore) poster at the 72<sup>nd</sup> annual meeting of the Society for American Archaeology, Austin, Texas (2007).

“Did the bow and arrow increase subsistence efficiency in north-central Texas?” (co-author w/ M. Miller) poster at the 72<sup>nd</sup> annual meeting of the Society for American Archaeology, Austin, Texas (2007).

“Vertebrate taphonomy in contrasting geological settings of the late Holocene Upper Trinity River Basin,” (co-author w/ R. Welch, J. A. Byers, C. R. Ferring, and J. Densmore) poster at the 72<sup>nd</sup> annual meeting of the Society for American Archaeology, Austin, Texas (2007).

“Long-term effects of sustained harvest pressure on a white-tailed deer (*Odocoileus virginianus*) population from central Texas,” (w/ J. D. Cornelius, J. H. Kennedy, and K. Cagle) poster at the 54<sup>th</sup> annual meeting of the Southwestern Association of Naturalists, Stephenville, Texas (2007).

“Conservation implications of prehistoric Unionids found in the Upper Trinity drainage,” (co-author w/ C. Randklev and J. H. Kennedy) poster at the 54<sup>th</sup> annual meeting of the Southwestern Association of Naturalists, Stephenville, Texas (2007).

“Prehistoric biogeography: conservation implications of two Unionids in the western Upper Trinity River drainage,” (co-author w/ C. Randklev and J. H. Kennedy) poster at the 30<sup>th</sup> annual meeting of the Society of Ethnobiology, Berkeley, California (2007).

“Zooarchaeological datasets & carnivore & white-tailed deer management in central Texas,” (w/ J. H. Kennedy and J. D. Cornelius) poster at the 71<sup>st</sup> annual meeting of the Society for American Archaeology, San Juan, Puerto Rico (2006).

“Conservation implications of New Zealand fur seal pup remains,” (co-author w/ L. Nagaoka and I. Smith) poster at the 71<sup>st</sup> annual meeting of the Society for American Archaeology, San Juan, (2006).

“Taphonomic analysis of the Twilight Beach seals: North Island, New Zealand.” (co-author w/ B. Fullerton and L. Nagaoka) poster at the 71<sup>st</sup> annual meeting of the Society for American Archaeology, San Juan, Puerto Rico (2006).

“Mesocarnivore and White-tailed Deer Body Size during Prehistory and Modernity in Central Texas,” (w/ J. D. Cornelius, J. H. Kennedy, and K. Cagle) poster presented at the 53<sup>rd</sup> annual meeting of the Southwestern Association of Naturalists, Colima, Mexico (2006).

“White-tailed Deer Mortality and Carcass Use during the Holocene in Central Missouri,” poster at the 69<sup>th</sup> annual meeting of the Society for American Archaeology, Montreal, Quebec (2004).



“Humans as Predators in the Central Midwest: Holocene Biogeography and Foraging Strategies,” poster at the 68<sup>th</sup> annual meeting of the Society for American Archaeology, Milwaukee, WI (2003).

“Analysis of Historic Artifact Distributions at 12Ma648: Marion County, Indiana,” (w/ J. Freeman) poster at the 68<sup>th</sup> annual meeting of the Society for American Archaeology, Milwaukee, WI (2003).

“Zooarchaeological Mortality Patterns: Modeling Environmental and Predation Effects,” poster at the 67<sup>th</sup> annual meeting of the Society for American Archaeology, Denver, CO (2002).

“Mid-Holocene Human/Prey Relations in Central Missouri,” poster at the 66<sup>th</sup> annual meeting of the Society for American Archaeology, New Orleans, LA (2001).

“Ursids, Artifacts, and Caves: Mortality Implications,” poster at the 7<sup>th</sup> annual meeting of the Midwest Bioarchaeology and Forensic Anthropology Association, Columbia, MO (2000).

“Trends in Small Game: Graham Cave, Arnold Research Cave, and Rodger’s Shelter during the Hypsithermal Episode,” poster at the 16<sup>th</sup> meeting of the American Quaternary Association, Fayetteville, AR (2000).

“Body and Tooth Size Diminution among Midwestern Black Bears as Paleoenvironmental Indicators: Evidence from Lawson Cave, Missouri,” poster at the 62<sup>nd</sup> annual meeting of the Society for American Archaeology, Nashville, TN (1997).

### ***Papers***

“Hunting, Herding, and Cultural Change along an Elevation Gradient in the Andes of Western Argentina.” (S. Wolverton, C. Otaola, and M. Giardina) paper at the 28<sup>th</sup> annual meeting of the Society of Ethnobiology, Santa Barbara, CA (2015).

“Lagomorph Exploitation and Garden Hunting in the Northern San Juan.” (L. Ellyson and S. Wolverton) paper at the 80<sup>th</sup> annual meeting of the Society for American Archaeology, San Francisco, CA (2015).

“Turkey Domestication and Utilization in an Ancestral Puebloan Community.” (C. Winstead, A. Hoffman, L. Ellyson, and S. Wolverton) paper at the 80<sup>th</sup> annual meeting of the Society for American Archaeology, San Francisco, CA (2015).

“Resource Depression in Guanaco: (*Lama guanacoe*) in Southern Mendoza: Implications of Analysis of Body Size.” (S. Wolverton, C. Otaola, G. Neme, A. Gil) paper at the 12<sup>th</sup> International Conference of Archaeozoology, San Rafael, Mendoza, Argentina (2014).

“Patches and Pulls: Assessing the Role of Large Game in the Mesa Verde/Northern Rio Grande Migration.” (J. Dombrosky, L. Nagaoka, S. Wolverton) paper at the 12<sup>th</sup> International Conference of Archaeozoology, San Rafael, Mendoza, Argentina (2014).

“Zooarchaeology and Freshwater Mussel Conservation.” (S. Wolverton) paper at the 50<sup>th</sup> annual conference of the Texas Chapter of The Wildlife Society, Austin, TX (2014).

“The Ethnobiological Perspective.” (S. Wolverton, W. Ahmed, and J. Nolan) paper at the 36<sup>th</sup> annual conference of the Society of Ethnobiology, Denton, TX (2013).

“Frontier Processes, Climate Change, and Pueyero Culture in Western Argentina.” (M. Fry, S. Wolverton, and M. Giardina) paper at the 36<sup>th</sup> annual conference of the Society of Ethnobiology, Denton, TX (2013).

“Crossing the Human-Environment Gradient: The Geography and Ecology of Plastic Pollution in Streams.” (E. Carpenter and S. Wolverton) paper at the 36<sup>th</sup> annual conference of the Society of Ethnobiology, Denton, TX (2013).

“Resource Depression at the Eagle’s Ridge Site: Implications of the Behavioral Ecology of White-tailed Deer.” (S. Wolverton and L. Nagaoka) paper at the 35<sup>th</sup> annual conference of the Society of Ethnobiology, Denver, CO (2012).

“The Ungulate Prey Depression Model: Distinguishing Predation & Climate Effects on Prey” Avance de Investigación,” paper at Cuyania 2011, Tendencias, Debates y Perspectivas, Centro Tecnológico Los Reyunos; San Rafael, Argentina (2011).

“Applied Paleozoology, Biogeography, and Conservation Biology.” (S. Wolverton, C. Randklev, and J. H. Kennedy) paper at Association of American Geographers, Southwest Division, Annual Meeting, Austin, TX (2011).

“Annual Effects of Precipitation on White-tailed Deer Fawn Body Size at Fort Hood Texas.” (S. Josephson, B. Barr, and S. Wolverton) paper at the Association of American Geographers, Southwest Division, Annual Meeting, Austin, TX (2011).

“The Ungulate Prey Depression Model: Distinguishing Climate and Predation Effects on Prey.” (S. Wolverton, L. Nagaoka, G. Neme, and A. Gil) paper at the annual meeting of the Texas Archaeological Society, Fort Worth, Texas (2011).

“Modelo Económico para la Depresión de Ungulados como Presas: Implicancias para la Sobreexplotación del Guanaco.” (G. Neme, S. Wolverton, and A. Gil) paper at II Congreso Nacional de Zooarqueología Argentina, Olavarria, Argentina (2011).

“Ethics, Values, Philosophy, and Science: Expanding the Role for Ethnobiology in Environmental Justice.” (S. Wolverton) paper at the 34<sup>th</sup> annual conference of the Society of Ethnobiology, Columbus, OH (2011).

“Data Quality in Paleozoological Faunal Identification.” (S. Wolverton) paper in the Fryxell Award Symposium for R. Lee Lyman at the 76<sup>th</sup> annual meeting of the Society for American Archaeology, Sacramento, CA (2011).

“Non-targeted Protein Analysis in Experimental Ceramic Artifacts.” (B. Venables, A. Barker, S. Wolverton, and S. Stevens) paper at the 76<sup>th</sup> annual meeting of the Society for American Archaeology, Sacramento, CA (2011).

“Development of Mass Spectrometry-based Methods for Protein Residue Analysis.” (S. Stevens, B. Venables, S. Wolverton, A. Barker, and K. Seeley) paper at the 76<sup>th</sup> annual meeting of the Society for American Archaeology, Sacramento, CA (2011).

“Results of Round Robin Part II: Food Mixtures and Residue Diagenesis.” (A. Barker, N. Reber, and S. Wolverton) paper at the 76<sup>th</sup> annual meeting of the Society for American Archaeology, Sacramento, CA (2011).

“Environmental Constraints on Mammalian Body Size: *Procyon lotor*, *Odocoileus virginianus*, and *Homo sapiens*,” (M. A. Huston and S. Wolverton) paper at the 95<sup>th</sup> annual meeting of the Ecological Society of America, Pittsburgh, PA (2010).

“Going to the Mountain: Applied Paleozoology in Environmental Science and Ethics,” paper at the 33<sup>rd</sup> annual conference of the Society of Ethnobiology, Victoria, BC (2010).

“Assessing VEP Productivity Predictions with Zooarchaeological Relative Abundance Data in the Mesa Verde Region,” (w/ L. Nagaoka and S. Ortman) paper at the 75<sup>th</sup> annual meeting of the Society for American Archaeology, St. Louis, MO (2010).

“Exploring Protein-Ceramic Interactions Using TOC Analysis, Protein Assays, and LC-MS,” (4<sup>th</sup> author w/ A. Barker, S. Stevens, and B. Venables) paper at the 75<sup>th</sup> annual meeting of the Society for American Archaeology, St. Louis, MO (2010).

“Late Holocene to Anthropocene Freshwater Mussel Community Ecology in North Texas,” with C. Randklev and J. Kennedy, paper at WaterWays 2010 & Fluid Frontier International Conference and Symposium, Denton, TX (2010).

“The Global Distribution of Sustainability and Net Primary Productivity,” co-author with Michael Huston, paper at the 94<sup>th</sup> annual meeting of the Ecological Society of America, Albuquerque (2009).

“A Taphonomic Model for Freshwater Shellfish Preservation,” with C. Randklev and J. Kennedy, paper at the 32<sup>nd</sup> annual conference of the Society of Ethnobiology, New Orleans, LA (2009).

“Total Organic Carbon Analysis as a Screening Tool in Archaeological Residue Analysis,” (4<sup>th</sup> author w/ Andrew Barker, D. Baxter, and B. Venables) paper at the 32<sup>nd</sup> annual conference of the Society of Ethnobiology, New Orleans, LA (2009).

“Ecological Turnover and Extirpations: Paleozoological Implications of Archaeological Unionid Remains from the Western Upper Trinity River, North Texas” (2<sup>nd</sup> author w/ Charles R. Randklev and James H. Kennedy) paper at the 55<sup>th</sup> annual meeting of the Southwestern Association of Naturalists, Memphis, TN (2008).

“White-tailed Deer as ‘The Prey’ During the Late Holocene Along the Prairie-Forest Boundary,” paper at the 31<sup>st</sup> annual conference of the Society of Ethnobiology, Fayetteville, AR (2008).

“Mid- to Late Holocene Foragers at Eagle’s Ridge (41CH252) SE Texas,” with L. Nagaoka, B. Fullerton, and J. Densmore, paper at the 73<sup>rd</sup> annual meeting of the Society for American Archaeology, Vancouver, BC (2008).

“Paleozoology, A Disclosive Perspective, and White-tailed Deer Management in Central Texas,” with J. H. Kennedy and J. D. Cornelius, paper at the 30<sup>th</sup> annual conference of the Society of Ethnobiology, Berkeley, CA (2007).

“Natural-trap Ursid Mortality and the Kurtén Response,” paper at the 70<sup>th</sup> annual meeting of the Society for American Archaeology, Salt Lake City, UT (2005).

“The Distribution of Prehistoric and Historic Artifacts at 12Ma648: An Evaluation of Site Integrity and Function,” with E. Love & E. Cole, paper at the Midwest Archaeology Conference, Columbus, OH (2002).

“Prairie Taxa at Arnold Research Cave,” paper at the annual meeting of the Missouri Archaeological Society, Columbia, Missouri (2001).

“Small Game Use during the Hypsithermal in Central Missouri,” paper at the 65<sup>th</sup> annual meeting of the Society for American Archaeology, Philadelphia, PA (2000).

“Small Game from Graham Cave, Arnold Research Cave, and Rodger’s Shelter during the Hypsithermal,” paper at the University of Missouri Research & Creative Activities Forum, Columbia, MO (2000).

“The Applicability of Paleobiological Systematics to the Archaeological Record,” with R. L. Lyman, M.J. O’Brien, & J. Darwent, paper at the 64<sup>th</sup> annual meeting of the Society for American Archaeology, Chicago, IL (1999).

“Scapula Hoe Manufacture and Use,” with C. M. Darwent, paper at the annual meeting of the Missouri Archaeological Society, Columbia, Missouri (1997).

“The Fordian Graphing Technique: Tracing Artifact Variation,” paper at the University of Missouri Research and Creative Activities Forum, Columbia, MO (1997).

### Courses Taught

<i>Ecological</i>	<i>Archaeological</i>	<i>Cultural Studies</i>	<i>Other</i>
Conservation Biology & Resource Management Applied Paleozoology Earth Science Human Ecology & Env. Archaeology Ethnobiology	Historical Archaeology Archaeological Field School New World Archaeology Archaeological Science Archaeology of Texas Origins of Civilization North American Archaeology Zooarchaeology Southwestern Archaeology History & Methods of Archaeology Fundamentals of Archaeology	Intro. to Cultural Anthropology Native Cultures of North America Peoples of the World	Introduction to Museum Studies General Anthropology Geography Research Seminar Quantitative Methods in Geography Applied Geography

### Undergraduate Advising

Preston LaFarge, B.A. in Anthropology, McNair Thesis, May 2015 – currently Master’s student at USF  
Jonathan Dombrosky, B.A. Anthropology, Honors Thesis, May 2013 – currently PhD student at UNM

### Graduate Advising

Amy Eddins, Master’s in Geography, Dec. 2015 – currently a PhD student at UNT  
Christy Winstead, Master’s in Geography, Dec. 2015 – applying to PhD programs  
Traci Popejoy, Master’s in Geography, May 2015 – currently a PhD student at U. Oklahoma  
Jonathan Dombrosky, Master’s in Geography May 2015 – currently a PhD student at U. New Mexico  
Laura Ellyson, Master’s in Geography, Dec. 2014 – currently a PhD student at Washington State Univ.  
Evan Carpenter, Master’s in Geography Aug. 2014 – City of Plano, Env. Education Coordinator  
Amy Hoffman, PSM in Env. Science, Aug. 2014 – Community College Instructor  
Brannon Barr, Master’s in Env. Science, May 2012 – PhD student at SUNY Env. Science and Forestry  
Andrew Barker, Master’s in Geography, May 2010 – PhD student at UNT

### Field Experience

*Director, UNT Archaeological Field School (Summer 2005)*

Directed undergraduate field course at the Merlyn Dahlin site (41WS38) in Wise County, Texas. Course

included training students in survey and excavation methods as well as in the use of field equipment. The course also involved detailed consideration of local and regional culture history and environments, including analysis of local geology and soils. Students were expected to master all aspects of field training and synthesize these skills in a term paper on the field project.

*Research Director, Next Step Education through Archaeology Project (Summer 2002)*

Directed field-school Phase II investigation of site 12MA648 Marion County, Indiana. The program consisted of twelve staff members (graduate and undergraduate students from Indiana universities) who taught local high-school students archaeological field methods. Staff mentored field-school-student research projects that are included in an edited report submitted to the Indiana Department of Historic Preservation and Archaeology. Responsibilities of the research supervisor included managing the staff, preparing and editing the 2002 field report, mentoring high school, field-school students in research, and organization of a symposium on site research (presented by the staff) at the Midwest Archaeology Conference, which included mentoring staff members in their research.

*Cultural Resources Intern, Missouri Department of Transportation (Summer 2001)*

Served as a field assistant during extensive archaeological survey of numerous planned highway right-of-ways and bridge replacements throughout the state of Missouri. Work included shovel-testing, auger-testing, and limited test excavation.

*Field Intern, Denver Museum of Nature and Science (August 2000)*

Assisted directors of a large-scale paleontological block excavation at the Bones Galore site (Oligocene/Miocene) in northeast Colorado. Responsibilities included establishing horizontal grid lines for excavation area, assistance with supervision of a large volunteer field crew, and excavation and field preservation of paleontological materials.

*Field Intern, Crow Canyon Archaeological Center (Summer 1997)*

Rated as the top field internship in archaeology during year of appointment. Assisted directors of an extensive test excavation of Yellow Jacket Pueblo near Cortez, Colorado. Responsibilities included excavating complex stratified architectural deposits, brief use of total station to establish horizontal proveniences, and interaction with students attending field and lab classes at the center.

*Field Assistant, United States Construction and Engineering Research Laboratory (Summer 1996)*

USACERL was engaged in cultural-resource impact assessment of the United States Army at Fort Riley, Kansas. Responsibilities included survey and test excavation of impacted prehistoric and historic sites. Work included non-intrusive survey methods (e.g., magnetic resonance and resistivity) and site location and mapping using total station and hand-held GPS.

*Field Courses (1991 through 1993)*

- 1993 Arizona State University Archaeological Field School: Quarai Pueblo, New Mexico.
- 1991 California Polytechnic State University Historical Archaeology Field School, Mission San Antonio de Padua, California.
- 1991 Arizona State University Field Methods Course: Tonto River Basin, Arizona.

**Lab Experience**

*Collaborating Zooarchaeologist for Crow Canyon Archaeological Center (2009 to present)*

This research involves zooarchaeological analysis of assemblages from sites excavated by Crow Canyon as part of their ongoing research program in the Mesa Verde region. This includes sponsorship of a semi-annual zooarchaeology internship, analysis of faunal assemblages, production of faunal reports, and contribution to scholarly presentations and publications.

*Consulting Faunal Analyst for UNT Center for Environmental Archaeology (2006 & 2007)*

Analysis of faunal remains from two late Holocene site in the Clear Fork and West Fork of the Upper Trinity River. Analysis includes taxonomic and element identifications, taphonomic assessment of faunal samples, and summary in a short report that assess the archaeological value of the fauna under examination.

*Consulting Faunal Analyst for Geo-Marine, Inc. (2004 to present)*

This work consists of small faunal analysis projects that Geo-Marine, Inc. cannot do with its own personnel. Analysis comprises taxonomic and element identifications, taphonomic assessment of faunal samples, and summary in a short report that assess the archaeological value of the fauna under examination.

*Faunal Analyst, Ek Balam, Yucatán, Mexico (2001)*

Analysis of archaeofaunal assemblage from royal burial. Included complete identification of mammalian, reptilian, and marine remains interred with the human burial. Investigated behavioral ecology and dietary significance of taxa represented in the burial.

*Faunal Analyst, Arnold Research Cave (23CY64), MO. (1997 through 2001)*

Ph.D. dissertation research on Holocene rockshelter fauna from central Missouri. Included complete rehabilitation and re-curation of entire artifact collection from the cave housed at the University of Missouri Museum Support Center, identification of faunal remains (approximately 6,000 identifiable remains), and critical zooarchaeological analysis of the fauna. Research included formulation of a model to interpret environmental change during the Holocene in the vicinity of the shelter, relative abundance analysis of small prey remains from the site, biogeography of prairie taxa represented at the cave, and morphometric analysis of white-tailed deer body size during the Holocene.

*Faunal Analyst and Taphonomist, Crabtree Site (23CL164), MO. (1998)*

Identified and reported fauna under contract with the Missouri Department of Transportation. Work included basic identification of bone fragments to element and taxon as well as taphonomic assessment of the fauna.

*Student Assistant Professional, Museum Support Center, University of Missouri. (1995 through 1997)*

Rehabilitation of archaeological collections housed at the University of Missouri Museum Support Center. Upgraded collections to acid free plastic and paper storage materials.

*Faunal Analyst, Tony Glas Site (32EM3), ND [w/C. Darwent]. (1996)*

Assisted with taxonomic identification of bone tools recovered from the site. Developed paradigmatic classification of bone tools based on element used and use-wear exhibited.

*Faunal Analyst and Taphonomist, Lawson Cave, MO (paleontological). (1994 through 1996)*

M.A. thesis research on a faunal collection excavated from a natural trap in central Missouri. Black-bear remains were predominant in the collection; taphonomic work focused on the effects of ursids on the fauna and analytical documentation of the site as a trap as opposed to a den. Research also included morphometric analysis of the ursid remains in relation to bears from other regions of North America and evaluation of ursid mortality data.

## **Service Experience**

Member: UNT Dept. Geography Graduate Admissions Committee, 2015 – present.

Chair: Society of Ethnobiology, Graduate Fellowship Committee, 2014 – present.

Chair: UNT Dept. Geography Personnel Affairs Committee, Jan 2013 – present.

Interim Chair: UNT Dept. Geography Promotion and Tenure Committee, Jan 2013 – August 2013.

Member: UNT Dept. Geography Promotion and Tenure Committee, Sept 2012 – December 2014.

Treasurer: Society of Ethnobiology, April 2008 – May 2014.

Member: UNT College of Arts & Science, Undergrad. Curriculum Committee, Sept 2010 – May 2013.

Conference Organizing Committee, 35<sup>th</sup> Annual Meeting of the Society of Ethnobiology, May 2012.

Treasurer Elect: Society of Ethnobiology, April 2007 – April 2008.  
 Member, Building Citizens Committee, UNT Fall 2005, Spring 2006.  
 Co-organizer, Research Seminar Series, Department of Geography, UNT Fall 2005.  
 Organizer, Research Seminar Series, Department of Geography, UNT Spring 2005.  
 NKU Museum of Anthropology Holiday Food Drive, NKU, 2003/04.  
 Faculty Co-coordinator, Student Anthropology Association, NKU, 2003/04.  
 Faculty Co-coordinator, Undergraduate Anthropology Club, GVSU, 2001/02.  
 President, Anthropology Students Association, University of Missouri, 1998/99.  
 Secretary, Graduate Professional Council, University of Missouri, 1998/99.  
 Member, Minority Affairs Committee, University of Missouri, 1998/99.  
 At-Large Representative, Graduate Professional Council, 1997/98.  
 Member, Graduate Studies Committee, Department of Anthropology, U. Missouri 1997/98.

### **Journals & funding agencies served**

Editorial Board Member *Ethnobiology Letters* (2015 – present)  
 Ad hoc reviewer for *Hydrobiologia*  
 Ad hoc reviewer for *PNAS*  
 Ad hoc reviewer for *PLOS One*  
 Ad hoc reviewer for *Environmental Archaeology*  
 Ad hoc reviewer for *Nature – Scientific Reports*  
 Ad hoc reviewer for *Journal of Archaeological Science Reports*  
 Ad hoc grant reviewer for NSF Archaeology  
 Ad hoc grant reviewer for NSF Sedimentary Geology and Paleobiology  
 Ad hoc reviewer for NSF P2C2  
 Ad hoc grant reviewer Estonian Academy of Science  
 Ad hoc reviewer for *Journal of California and Great Basin Archaeology*  
 Ad hoc reviewer for *Journal of Quaternary Science*  
 Ad hoc reviewer for *Journal of Field Archaeology*  
 Ad hoc reviewer for *The Holocene*  
 Ad hoc reviewer for *Journal of Quaternary Research*  
 Ad hoc reviewer for *Latin American Antiquity*  
 Ad hoc reviewer for *Ethnobiology Letters*  
 Ad hoc reviewer for *Ecology Letters*  
 Ad hoc reviewer for *Animal Conservation*  
 Ad hoc reviewer for *Intersecciones en Antropología*  
 Ad hoc reviewer for *Journal of Biogeography*  
 Ad hoc reviewer for *Conservation Biology*  
 Ad hoc reviewer *Journal of Middle Atlantic Archaeology*  
 Ad hoc reviewer *Journal of Island and Coastal Archaeology*  
 Ad hoc reviewer for *Journal of Archaeological Science*  
 Ad hoc reviewer for *Before Farming*  
 Ad hoc reviewer for *Journal of Ethnobiology*  
 Ad hoc reviewer for *Southwestern Naturalist*  
 Ad hoc reviewer for *Quaternary Research*  
 Ad hoc reviewer for *Quaternary International*  
 Ad hoc reviewer for the *International Journal of Osteoarchaeology*  
 Ad hoc reviewer for *Northwest Science*  
 Ad hoc reviewer for *American Antiquity*

### **Scholarships & Honors**

MAP Award Co-Winner, Department of Geography, University of North Texas (2015).  
 Recipient, Academic Achievement Scholarship, University of North Texas (2004 - 2007).

Recipient, Graduate Student Paper Award, Dept. Anthropology, University of Missouri (2000).  
Second Place, Behavioral Science Paper Competition: RCAF, University of Missouri (2000).  
Recipient, Graduate Student Scholarship, Dept. Anthropology, University of Missouri (1994/95).  
Honors College Graduate, Arizona State University (1994).  
Dean's List, College of Liberal Arts and Science, Arizona State University (1990 through 1994).  
Recipient, Tuition Scholarship, Arizona Board of Regents (1990 through 1994).  
*Member (Junior Inductee), Phi Beta Kappa Honor Society (1993).*  
Member, Golden Key National Honor Society (1993).  
Recipient, Book Scholarship, National Honor Society (1990 through 1992).  
Member, Alpha Lambda Delta Honor Society (1990).