

Michael Pante Ph. D.
Assistant Professor Colorado State University

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EDUCATION AND EMPLOYMENT HISTORY:

EDUCATION

Year	2010	Ph.D. Rutgers University
Year	2006	M.A. Rutgers University
Year	2001	B.S. Rutgers University

ACADEMIC POSITIONS

2013-2017, Assistant Professor, Biological Anthropology, Colorado State University
2013-2015, Co-director, “The Olduvai Gorge Project”, field school at Olduvai Gorge, Tanzania, Institute for Field Research (IFR)
2012-2013, Research Associate, Institute of Archaeology, University College London
2011-2012, Senior Lecturer, Department of Anthropology and Classical Studies, University of Akron
2009-2011, Adjunct Instructor, Department of Anthropology, Rutgers University
2003-2005, 2008-2009, Teaching Assistant, Department of Anthropology, Rutgers University
2005-2006, Instructor, Department of English/Writing program, Rutgers University
2002-2004, Instructor, Koobi Fora Field School, Koobi Fora, Kenya, National Museums of Kenya and Rutgers University.

OTHER POSITIONS

2008-present, Senior Zooarchaeologist, Olduvai Geochronology and Archaeology Project, Tanzania
2015-present, Collaborator, Olduvai Gorge Coring Project, Tanzania
2014-present, Collaborator, Olduvai Landscape Paleoanthropology Project, Tanzania

RESEARCH:

RESEARCH INTERESTS

Paleoanthropology, Zooarchaeology, Taphonomy, Paleoclimate, Hominin Carnivory, Paleoecology, African Prehistory

PUBLISHED WORKS

Refereed Journal Articles:

- 1) Stanistreet, I., Stollhofen, H., Njau J.K, Masao, F.T., Albert, R.M., Bamford, M., Pante, M.C., Farrugia, P. (2018) Lahar inundated, modified and preserved 1.88 Ma early hominin (OH24 and OH56) Olduvai DK site. *Journal of Human Evolution* 116, 27-42(Refereed, impact factor 4.5)

- 2) Benito-Calvo, A., Arroyo, A., Sánchez- Romero, L., Pante, M.C., Torre, de la. I. (2017). Quantifying 3-D micro-surface changes on experimental stones used to break bones and their implications to the analysis of Early Stone Age pounding tools. *Archaeometry* DOI: 10.1111/arcm.12325 (Refereed, impact factor 1.47).
- 3) Pante, M.C., Muttart, M., Keevil, T., Blumenschine, R.J., Njau, J.K., Merritt, S.M. (2017). A new high-resolution 3-D quantitative method for identifying bone surface modifications with implications for the Early Stone Age archaeological record. *Journal of Human Evolution*. 102, 1-11. (Impact factor 4.5, citations 10)
- 4) Braun, D., Pante, M.C., Acher, W. (2016). Cut marks on bone surfaces: Influences on variation in the form of traces of ancient behavior. *Royal Societies Interface focus* 6(2), 2016.0006. (Impact factor 2.6, citations 5)
- 5) McHenry, L. J., de la Torre, I., Njau, J. K., Pante, M. C. (2016). Geochemical "fingerprints" for Olduvai Gorge Bed II tuffs and implications for the Oldowan-Acheulean transition. *Quaternary Research* 85(1), 147-158. (Impact factor 2.2, citations 9)
- 6) Habermann, J. M., Stanistreet, I., Stollhofen, H., Albert, R.M., Bamford, M., Pante, M.C., Njau J.K, Masao, F.T. (2016). In situ ~2.0 Ma trees discovered as fossil rooted stumps, lowermost Lower Bed I, Olduvai Gorge, Tanzania. *Journal of Human Evolution* 90, 74-87. (Impact factor 4.5, citations 3)
- 7) Pante, M. C., Scott, R. S., Blumenschine, R. J., Capaldo, S. D. (2015). Revalidation of bone surface modification models for inferring fossil hominin and carnivore feeding interactions. *Quaternary International* 355(12), 164-168. (Impact factor 2.5, citations 15)
- 8) Pante, M. C. (2013). The larger mammal fossil assemblage from JK2, Bed III, Olduvai Gorge, Tanzania: Implications for the feeding behavior of *Homo erectus*. *Journal of Human Evolution* 64(1), 68-82. (Impact factor 4.5, citations 11)
- 9) Pante, M. C., Blumenschine, R. J., Capaldo, S. D., Scott, R. S. (2012). Validation of bone surface modification models for inferring fossil hominin and carnivore feeding interactions, with reapplication to FLK 22, Olduvai Gorge, Tanzania. *Journal of Human Evolution* 63(2), 395-407. (Impact factor 4.5, citations 48)
- 10) Torre, I. de la, McHenry, L.J., Njau, J.K., Pante, M.C. (2012) The Origins of the Acheulean at Olduvai Gorge (Tanzania): A New Paleoanthropological Project in East Africa. *Archaeology International* 15:69-78. (Citations 8)
- 11) Pante, M. C., Blumenschine, R. J. (2010). Fluvial transport of bovid long bones fragmented by the feeding activities of hominins and carnivores. *Journal of Archaeological Science* 37, 846-854. (Impact factor 2.7, citations 24)
- 12) Blumenschine, R. J., Prassack, K. A., Kreger, D., Pante, M. C. (2007). Carnivore Tooth Marks, Microbial Bioerosion and the Invalidation of Dominguez-Rodrigo and Barba's (2006) Test of Oldowan Hominin Scavenging Behavior. *Journal of Human Evolution*, 53(4), 420-426. (Impact factor 4.5, citations 61)

Refereed Chapters in Books:

- 1) Harris, J. W. K., Braun, D. R., Pante, M. C. (2007). "Archaeological Archive from Africa: 2.7 myr-300,000 years ago" In *Encyclopedia of Quaternary Studies* Scott A. Elias (Eds.) pp 52-63.

Manuscripts Accepted for Publication (In Press):

- 1) Pante, M.C., Torre, de la I. (In Press). A hidden treasure of the Lower Pleistocene: the Leakey HWK EE assemblage. *Journal of Human Evolution* (Refereed, impact factor 4.5)
- 2) Pante, M.C., Njau, J.K., Hensley-Marschand, B., Keevil, T., Martín-Ramos, C., Peters, R. Torre, I. de la. (In Press). The carnivorous feeding behavior of early *Homo* at HWK EE Bed II, Olduvai Gorge, Tanzania. *Journal of Human Evolution* (Refereed, impact factor 4.5)
- 3) Torre, de la I., Albert, R.M., Arroyo, A., Macphail, R., McHenry, L., Mora, R., Njau, J.K., Pante, M.C., Rivera Rondón, C., Rodríguez-Cintas, A., Stanistreet, I., Stollhofen, H., Wehr, K. (In Press). New excavations at the HWK EE site: archaeology, palaeo-environment and site formation processes in the basal part of Middle Bed II (Olduvai Gorge, Tanzania). *Journal of Human Evolution* (Refereed, impact factor 4.5)
- 4) Torre, de la I., Albert, R.M., Macphail, R., McHenry, L., Pante, M.C., Rodríguez-Cintas, A., Stanistreet, I., Stollhofen, H. (In Press). The contexts and early Acheulean archaeology of the EF-HR paleo-landscape (Olduvai Gorge, Tanzania). *Journal of Human Evolution* (Refereed, impact factor 4.5)
- 5) Rivals, F. Uno, K., Bibi, F., Pante, M.C., Njau, J.K., Torre, de la I. (In Press). Dietary traits of the ungulates from the HWK EE site at Olduvai Gorge (Tanzania): Diachronic changes and seasonality. *Journal of Human Evolution* (Refereed, impact factor 4.5)
- 6) Bibi, F., Pante, M.C., Boisserie, J., Werdelin, L., Fortelius, M., Hlusko, L., Njau, J., Stewart, K., Souron, A., Varela, S., de la Torre, I. (In Press) Large Mammals and Fish from Middle Bed II, Olduvai, and the Paleocology of the Serengeti. *Journal of Human Evolution* (Refereed, impact factor 4.5)
- 7) Prassack, K., Pante, M.C., Njau, J.K., Torre, de la I. (Accepted). The Paleocology of Pleistocene Birds from Middle Bed II, at Olduvai Gorge, Tanzania, and the Environmental Context of the Oldowan-Acheulean Transition. *Journal of Human Evolution*. (Refereed, impact factor 4.5)
- 8) Uno, K., Rivals, F., Bibi, F., **Pante, M.C.**, Njau, J.K., Torre, de la I. (Accepted) Large mammal diets and paleocology across the Oldowan-Acheulean transition at Olduvai Gorge, Tanzania from stable isotope and tooth wear analyses. *Journal of Human* (Refereed, impact factor 4.5)

Manuscripts in Review:

- 1) Benito-Calvo, A., Martínez-Fernández, A., Crittenden, A., Torre, de la I., Sánchez, L., Pante, M.C., Livengood, S. 3D 360° surface morphometric analysis of pounding stone tools used by Hadza foragers of Tanzania: a new methodological approach for studying percussive stone artifacts. *Journal of Archaeological Science: Reports*.
- 2) Gumrucku, M., Pante, M. Assessing the Effects of Fluvial Abrasion on Bone Surface Modifications Using High-Resolution 3-D Scanning. *Palaeogeography, Palaeoclimatology, Palaeoecology*

Refereed Proceedings/Transactions:

- 1) Pante, M. C., Njau, J. K., de la Torre, I., McHenry, L. (2017). The feeding behavior and ecology of early *Homo* at HWK EE, Bed II, Olduvai Gorge. In: Abstracts of the Paleoanthropology Society 2017 Meeting, Vancouver, BC, Canada, 28–29 March 2017. *PaleoAnthropology*, 2017:A28.
- 2) Muttart, M., Pante, M.C., Torre, de la I., Njau, J.K. (2017). Taxonomic distinctions in the 3-D micromorphology of tooth marks with application to feeding traces from Middle Bed II, Olduvai Gorge, Tanzania. In: Abstracts of the Paleoanthropology Society 2017 Meeting, Vancouver, BC, Canada, 28–29 March 2017. *PaleoAnthropology*, 2017:A24.
- 3) Gumrukcu, M., Muttart, M., Pante, M. C. (2017). Assessing the effects of fluvial abrasion on bone surface modifications using high-resolution 3-D scanning. In: Abstracts of the Paleoanthropology Society 2017 Meeting, Vancouver, BC, Canada, 28–29 March 2017. *PaleoAnthropology*, 2017:A12-A13.
- 4) Keevil, T.L., Pante, M.C., Reti, J.S. (2017). Inferring Early Stone Age tool type from cut marks on fossil bones using high-resolution 3-D scanning. In: Abstracts of the Paleoanthropology Society 2017 Meeting, Vancouver, BC, Canada, 28–29 March 2017. *PaleoAnthropology*, 2017:A18.
- 5) Orlikoff, E.R., Keevil, T.L., Pante, M.C. (2017). A quantitative assessment of trampling-induced modification to bone surfaces. In: Abstracts of the Paleoanthropology Society 2017 Meeting, Vancouver, BC, Canada, 28–29 March 2017. *PaleoAnthropology*, 2017:A27.
- 6) Pante, M.C., Njau, J.K., Keevil, T.K., Muttart, M., Blumenschine, R.J., Merritt, S. (2016). A Quantitative Reassessment of feeding trace morphology and implications for the earliest cut marked bones. In: Abstracts of the Paleoanthropology Society 2016 Meeting, Atlanta, GA, 12–13 April 2016. *PaleoAnthropology*, 2016:A22.
- 7) Muttart, M., Pante, M.C., Njau, J.K. (2016) Quantifying Taxonomic Distinctions in Tooth Mark Morphology with High-Resolution 3-D Scanning. In: Abstracts of the Paleoanthropology Society 2016 Meeting, Atlanta, GA, 12–13 April 2016. *PaleoAnthropology*, 2016, A21.
- 8) Keevil, T.L., Pante, M.C. (2016). Characterizing the Micromorphology of Cut Marks Inflicted by Oldowan and Acheulean Stone Technologies Using High-Resolution 3-D Scanning. In: Abstracts of the Paleoanthropology Society 2016 Meeting, Atlanta, GA, 12–13 April 2016. *PaleoAnthropology*, 2016, A16.
- 9) McHenry, L. J., de la Torre, I., Njau, J. K., Pante, M.C. (2015). Detailed Stratigraphic Correlations Across the Olduvai Basin, Northern Tanzania, at the Oldowan-Acheulean Technological Transition. In: Abstracts of the Geological Society of America 2015 Meetings, Baltimore, MD, 1-4 November 2015. *Geological Society of America Abstracts with Programs*, Vol. 47 (7), 439.
- 10) Braun, D., Pante, M.C., Archer, W. (2016). Cut marks on bone surfaces: Influences on variation in the form of traces of ancient behavior. In: Cutting Science in Biology and Engineering Conference, Kavil Royal Society Centre, Buckinghamshire, United Kingdom. *Interface Focus*, Vol. 6 (3), 1-7. (Citations 2).
- 11) McHenry, L. J., de la Torre, I., Njau, J. K., Pante, M. C. (2015). Improved stratigraphic framework for the Oldowan-Acheulean transition at Olduvai Gorge, Tanzania. EAAPP conference, Dar es Salaam, Tanzania.

- 12) Pante, M. C., de la Torre, I., McHenry, L., Njau, J. K. (2014). The vertebrate assemblage from HWK EE, Bed II, Olduvai Gorge. In: Abstracts of the Paleoanthropology Society 2014 Meeting, Calgary, Canada, 8-9 April 2014. PaleoAnthropology, 2014, A18.
- 13) Welch, K.R., Pante, M.C. (2014). Experimental Determination of Butcher Experience Using cut mark Patterning. In: Abstracts of the Paleoanthropology Society 2014 Meeting, Calgary, Canada, 8-9 April 2014. PaleoAnthropology, 2014, A28.
- 14) McHenry, L. J., de la Torre, I., Pante, M. C., Njau, J. K. (2013). New insights into the stratigraphy and archaeology of the late Oldowan and early Acheulean at Olduvai Gorge, Tanzania. In: Abstracts of the Paleoanthropology Society 2013 Meeting, Honolulu, HI, 2-3 April 2013, PaleoAnthropology 2013:A23.
- 15) McHenry, L. J., de la Torre, I., Pante, M. C., Njau, J. K. (2011). New archaeological and geological research on the origins of the Acheulean at Olduvai Gorge, Tanzania. EAAPP conference, Addis Ababa, Ethiopia.
- 16) Pante, M. C. (2011). The larger mammal fossil assemblage from JK2, Beds III, Olduvai Gorge, Tanzania: Implications for the feeding behavior of *Homo erectus*. In: Abstracts of the Paleoanthropology Society 2011 Meeting, Minneapolis, MN, April 2011, PaleoAnthropology 2011:A27.
- 17) de la Torre, I., McHenry, L. J., Pante, M. C., Njau, J. K. (2011). New archaeological research on the origins of the Acheulean at Olduvai Gorge, Tanzania. In: Abstracts of the Paleoanthropology Society 2011 Meeting, Minneapolis, MN, April 2011, PaleoAnthropology 2011:A38-A39.
- 18) Richmond, B.G., Harris, J.W.K., Mbua, E., Braun, D. R., Bamford, M., Bobe, R., Green, D.J., Griffin, N.L., McCoy, J.T., Merritt, S., Pante, M.C., Pobiner, B., Carter-Menn, H., Chirchir, H., Kiura, P., Kibunjia, M. (2009). Divergence in hominin limb anatomy in the early Pleistocene. American Journal of Physical Anthropology 136 (Suppl 48): 221 (Citations 2).
- 19) Pante, M. C., Blumenschine, R. J. (2009). Fluvial transport of bovid long bones fragmented by the feeding activities of hominins and carnivores. American Journal of Physical Anthropology 136 (Suppl 48): 205.
- 20) Pante, M. C. (2006). A taphonomic investigation of hominin scavenging from tree-stored leopard kills: Identifying early access to carcasses in the archaeological record. In: Abstracts of the Society for American Archaeology 2006 Meeting, San Juan, Puerto Rico, April 2006, Abstracts of the SAA 71st Annual Meeting 2006: 310.

EXHIBITS

2015, Exhibit “New excavations at HWK EE” The Olduvai Gorge Museum, Tanzania. (Invited)

2013, Exhibit “Olduvai Gorge, 2 million years of human history in Tanzania”, The Arusha Natural History Museum, Tanzania. (Invited)

GRANTS

Externally-Funded Projects as PI:

2017, 2nd year Baldwin support for Terry Mwanache. Co-PI Terry Mwanache, Leakey Foundation Baldwin Fellowship, \$11,310.

2016, The paleo diet: Carnivory and human evolution, Wenner-Gren Foundation Post-Doctoral Research Grant, \$20,000.

2016, 1st year Baldwin support for Terry Mwanache. Co-PI Terry Mwanache, Leakey Foundation Baldwin Fellowship, \$12,705.

2013, The carnivorous feeding behavior of early *Homo*. Co-PI Dr. Ignacio de la Torre, British Academy/Leverhulme Small, £10,000.

2007, The larger mammal fossil assemblage from Beds III and IV, Olduvai Gorge Tanzania, Co-PI Rob Blumenschine, Rutgers University, Wenner-Gren Dissertation Fieldwork Grant, \$24,820.

Externally-Funded Projects as Investigator or role other than PI or CoPI:

2011-2016, The origins of the Acheulean in East Africa, PI-Ignacio de la Torre, UCL. Role: Investigator and Senior Scientist, European Research Council Starter Grant, €1,500,000.

2009-2012, New Stratigraphic and Archaeological Investigations on the Origin of the Acheulean at Olduvai Gorge, PI-Lindsay McHenry, UW Milwaukee. Role: Investigator and Senior Scientist, National Science Foundation Archaeology, \$223,510.

Internally-Funded Awards:

2017, New approaches to interpreting tooth and cut marks on fossil bones from micro 3-D data. Professional Development Program Grant, Colorado State University, \$2000.

2016, 3-D analyses in zooarchaeology, One-time funding awards from Dean of the College of Liberal Arts, Colorado State University, \$3,500.

2016, Improvements to the Paleoanthropology and Zooarchaeology Laboratory, Student Technology Committee award, College of Liberal Arts, Colorado State University, \$10,000

2016, Improvements for Human Origins and Variation Laboratory, Student Technology Committee award, College of Liberal Arts, Colorado State University, \$40,000.

2016, A quantitative reassessment of feeding trace morphology and implications for the earliest cut marked bones, Professional Development Program Grant, Colorado State University, \$2000.

2015, Improving cut and tooth mark identification with high-resolution 3-D scanning, One-time funding awards from Dean of the College of Liberal Arts, Colorado State University, \$71,500.

2015, Improvements to collections for forensic analysis and human origins and variations collections, One-time funding award from Dean of the College of Liberal Arts, Colorado State University, \$14,000.

2014, Improvements to the Paleoanthropology and Zooarchaeology laboratory, Student Technology Committee award, College of Liberal Arts, Colorado State University, \$16,500.

2014, Human Origins Research, Professional Development Program Grant, Colorado State University, \$1400.

2013, Improvements to the Geospatial Laboratory, Student Technology Committee award, College of Liberal Arts, Colorado State University, \$34,000.

Un-Funded Projects as PI or CoPI:

2015, The Paleo Diet: Carnivory and Human Evolution, Wenner Gren Foundation, \$20,000

Un-Funded Projects as Investigator or role other than PI or CoPI:

2014, 1st Fire Goal, P.I. Rosa Albert (University of Barcelona), Investigator, European Research Council, €1,500,000.

INVITED LECTURES

2018, Pante, M.C. Technology in human origins research at Olduvai Gorge, Tanzania. Innovations out of Africa. Africa Center, Colorado State University.

2016, Pante, M.C. Food for thought: Carnivory and cognitive evolution at Olduvai Gorge Tanzania. The Stone Age Institute, Bloomington, Indiana.

2015, Pante, M. C., de la Torre, I., McHenry, L., Njau, J. K. A landscape approach to the Oldowan/Acheulean transition at Olduvai Gorge, Tanzania. JWK Harris workshop, Sonoma California.

2015, Pante, M.C. “The Paleo Diet: Carnivory and human evolution at Olduvai Gorge, Tanzania”, Africa Center, Colorado State University.

2015, Pante, M.C. “Human Evolution at Olduvai Gorge”, Invited lecture National Geographic Expeditions, Sopa lodge, Ngorongoro Crater, Tanzania.

2015, Pante, M.C. “The Paleo Diet: Carnivory and human evolution at Olduvai Gorge, Tanzania”, Invited lecture The Northern Colorado Archaeology Society, Museum of Discovery, Fort Collins, CO.

2012, Pante, M. C. The carnivorous feeding behavior of early *Homo* at Olduvai Gorge, Tanzania. Institute of Archaeology, Oxford.

2012, Pante, M. C. The carnivorous feeding behavior of early *Homo* at Olduvai Gorge, Tanzania. African Seminar Series, University College London.

2004, Pante, M. C. Quantified Proxies of Competition Among Carnivores: Analytical, Behavioral and Ecological Implications of Carnivore Ravaging. National museums of Kenya workshop, Rutgers University, New Brunswick, New Jersey.

FIELD AND LABORATORY EXPERIENCE

2017, Led excavation of HEB, Bed IV, Olduvai Gorge, Tanzania. Project funded by National Science Foundation and Templeton Foundation.

2015-Present, Development and application non-contact profilometry to understanding hominin and carnivore feeding behavior in Zooarchaeology and Paleoanthropology laboratory, Colorado State University.

2009-Present, Survey and co-direction of excavation for Bed II sites, Olduvai Gorge. This research is currently funded by a European Research Council Starter Grant through 2017. I am the senior zooarchaeologist responsible for the paleontological and taphonomic analyses of excavated fossil specimens and assist in directing excavations.

2012-2013, Spatial mapping of artifacts of fossils excavated by (OGAP) using ArcGIS in the Institute of Archaeology, University College London.

2010-2011, Primate locomotor biomechanics research in Anatomy and Neurobiology Department, Northeast Ohio Medical University.

2007, Consultant to Dr. Fidelis Masao and Dr. Jackson Njau for Earthwatch excavations at the JK site, Bed III, Olduvai Gorge, Tanzania.

2007, Taphonomic and paleoecological analyses of fossil assemblages from Beds III and IV, Olduvai Gorge, Tanzania.

2006-2007, Flume simulations at the Institute of Marine and Coastal Science, Rutgers University.

2003-2005, Zooarchaeology and taphonomy, Koobi Fora, Kenya.

2004, Naturalistic observations of carnivore feeding behavior in Laikipia district, Kenya.

2003, Analysis of the fossil assemblage from FxJj 20, Koobi Fora Kenya, National Museums of Kenya, Nairobi, Kenya.

2001, Student on the Koobi Fora Field School, Kenya.

2000, Excavation of Late Archaic site, Lamoka Lake, New York and taphonomic analysis of excavated fauna.

TEACHING:

COURSES OFFERED

Akron University:

Human Evolution (introductory undergraduate course)

Rutgers University as Instructor:

Human Osteology (advanced undergraduate)

From Death to Discovery: The making of a fossil (advanced undergraduate)

Introduction to Expository Writing (introductory undergraduate course)

Rutgers University as Teaching Assistant:

Introduction to Archaeology (introductory undergraduate course)
 Faunal Analysis in Archaeology (advanced undergraduate)
 Human Osteology (advanced undergraduate)
 Introduction to Human Evolution (introductory undergraduate course)

Colorado State University:

<u>Year</u>	<u>Semester</u>	<u>Course No./Title</u>	<u>Cr. Hrs.</u>	<u>Enrollment</u>
2013	Fall	ANTH120 - Human origins and variation	3	138
2013	Fall	ANTH544 - From death to discovery	3	9
2013	Fall	ANTH695 - Independent study	3	1
2014	Spring	ANTH380A1 - Quantifying anthropology	3	16
2014	Spring	ANTH465 - Zooarchaeology	3	16
2014	Fall	ANTH475 - Methods of analysis in paleoanthropology	3	8
2014	Fall	ANTH544 - From death to discovery	3	4
2015	Spring	ANTH365 - Quantifying anthropology	3	18
2015	Spring	ANTH465 - Zooarchaeology	3	12
2015	Spring	ANTH695 - Independent study	3	1
2015	Spring	ANTH699 - Thesis credits	3	1
2015	Spring	ANTH684 - Supervised college teaching	3	1
2015	Fall	ANTH500 - Anthropological theory (Team taught 8%)	3	9
2015	Fall	ANTH695 - Independent study	3	1
2015	Fall	ANTH699 - Thesis credits	3	1
2016	Spring	ANTH365 - Quantifying anthropology	3	20
2016	Spring	ANTH465 - Zooarchaeology	3	17
2016	Spring	ANTH695 - Independent study	3	1
2016	Spring	ANTH699 - Thesis credits	3	2
2016	Spring	ANTH684 - Supervised college teaching	3	1
2016	Fall	ANTH120 - Human origins and variation	3	140
2016	Fall	ANTH544 - From death to discovery	3	9
2016	Fall	ANTH500 - Anthropological theory (Team taught 8%)	3	9
2017	Spring	ANTH475 - Methods of analysis in paleoanthropology	3	9
2017	Spring	ANTH365 - Quantifying anthropology	3	20

SUMMARY OF COURSE SURVEYS

Results are based on a 1-5 scale with 1 being the worst rating and 5 the best.

Course Number/ Title	Year	Instructor knowledge of subject	Preparedness of instructor	Effectiveness of instructor	Intellectual challenge of course	Overall course rating
ANTH120 – Human origins and variation	2013	4.77	4.55	4.13	4.27	3.71
ANTH120 – Human origins and variation	2016	4.83	4.68	4.49	4.25	3.98
ANTH120 – Human origins and variation	2017	4.92	4.8	4.76	4.34	4.4

ANTH544 - From death to discovery	2013	4.63	4.25	4.25	4.13	3.75
ANTH544 - From death to discovery	2014	4.67	4.67	4.33	5.00	4.67
ANTH544 - From death to discovery	2016	5.00	5.00	5.00	5.00	5.00
ANTH380A1 - Quantifying anthropology	2014	4.93	4.71	4.57	4.21	4.07
ANTH365 - Quantifying anthropology	2015	5.00	5.00	4.93	4.27	4.53
ANTH365 - Quantifying anthropology	2016	5.00	4.80	4.90	4.30	4.55
ANTH365 - Quantifying anthropology	2017	5.00	4.94	4.94	4.17	4.69
ANTH475 - Methods of analysis in paleoanthropology	2014	4.83	4.67	4.83	4.50	4.67
ANTH475 - Methods of analysis in paleoanthropology	2017	5.00	4.50	4.75	5.00	4.63
ANTH465 - Zooarchaeology	2014	4.92	4.69	4.69	4.85	4.54
ANTH465 - Zooarchaeology	2015	4.83	4.58	4.67	4.83	4.67
ANTH465 - Zooarchaeology	2016	4.93	4.71	4.29	4.71	4.36

ADVISING:

STUDENT ADVISING/GRADUATE SUPERVISION

Undergraduate Students:

- # Current Undergraduate Advisees 8
- # Previous Undergraduate Advisees –2016, 14
- # Previous Undergraduate Advisees – 2015, 13
- # Previous Undergraduate Advisees – 2014, 14
- # Previous Undergraduate Advisees – 2013, 16

Graduate Students:

Current Graduate Advisees

Trevor Keevil, MA
Emily Orlikoff, MA
Arwen, Potochney, MA
Terry Mwanache, MA
April Tolley, MA

Graduate Degrees Completed Under my Supervision

Kristen Welch, 2017, MA (chaired)
Merve Gumrukcu, 2017, MA (chaired)
Matthew Muttart, 2017, MA (chaired)
Fatma Nur Erbil, 2017, MA (committee member)
Chris Johnston, 2016, MA (committee member)
Kaitlyn Simcox, 2016, MA (committee member)
Hallie Meeker, 2016, MA (committee member)

SERVICE:

COMMITTEES

University Committees:

2015-2016, Parking services committee-On the parking services committee, I represented all university faculty in developing a plan to make parking affordable and self-sustaining. Meetings took place once a month through the summer months for a period of two hours. The plan we constructed now offers faculty and staff more affordable parking options and protects low-income faculty and staff from the rising parking rates at CSU.

College Committees:

2015-2016, Professional Development Program Committee-On the PDP committee, I evaluated research proposals from over 125 CSU faculty in the College of Liberal Arts and helped determine the funds to be awarded by meeting with the Associate Dean for Research and several other faculty members to discuss the pool of requests and the merits of each proposal.

Department Committees and Positions:

2017, Director of Undergraduate Affairs-In Fall 2017, I began serving as the Director of Undergraduate Affairs and have been tasked with engaging undergraduates and attracting new majors and minors to Anthropology. I attend monthly meetings with other Undergraduate Directors in the college and develop plans to enhance the education that our undergraduates receive at CSU.

2017, Curriculum committee-As a member of the department's curriculum committee, I review faculty proposals for new courses prior to submission to the college.

2017, Service committee -On the service committee, I meet with the Department Chair and two other faculty members to update service assignments and maximize the potential of departmental service.

2015-2017, Faculty Council-On the Faculty Council, I participate in faculty governance by attending monthly meetings and speak to the University on behalf of the Department of Anthropology and lobby for our interests. I report to the faculty each month and provide my account of the meetings.

2013-2015, Geospatial laboratory coordinator-As the geospatial laboratory coordinator, I managed a budget of \$13,500 to hire lab managers and supply the lab with paper and ink. I also secured a \$34,000 grant to add nine desks and nine high end workstations to expand the capacity of the lab.

2013-2015, Technology coordinator-As the technology coordinator, I managed a budget of \$9,000 to improve the technology available to the department. I allocated funds to purchase computers, microscopes, and photography equipment that was used in the archaeology and paleontology labs. I also helped other faculty members with their applications to the Student Tech Fee committee.

2013, 2014, 2017, Faculty Marshal CLA graduation ceremonies

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Memberships in professional societies:

Paleoanthropology Society (2011-2017)
American Association of Physical Anthropologists (2009)
Society for American Archaeology (2006)

Grant Refereeing:

National Science Foundation Dissertation Improvement Grant
Leakey Foundation

Manuscript Refereeing:

American Antiquity (1 manuscript)
The Journal of Archaeological Science (4 manuscripts)
The Journal of Human Evolution (7 manuscripts)
Science and Justice (1 manuscript)
Environmental Archaeology: The Journal of Human Palaeoecology (1 manuscript)
Geoarchaeology (1 manuscript)
PLOS One (1 manuscript)

OTHER SERVICE/OUTREACH

2016, I hosted the Polaris Expeditionary Learning School in the Paleoanthropology and Zooarchaeology Laboratory.

2015, Pante, M.C. "The Paleo Diet: Carnivory and human evolution at Olduvai Gorge, Tanzania", Invited lecture for Africa Center, Colorado State University

2015, Pante, M.C. “Human Evolution at Olduvai Gorge”, Invited lecture National Geographic Expeditions, Sopa Lodge, Ngorongoro Crater, Tanzania.

2015, Pante, M.C. “The Paleo Diet: Carnivory and human evolution at Olduvai Gorge, Tanzania”, Invited lecture The Northern Colorado Archaeology Society, Museum of Discovery, Fort Collins, CO.

2013, Pante, M.C., “Human Evolution”, Lecture to the 6th Grade Class at Dr. Albert Einstein Academy, Elizabeth N.J.

Professional References:

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