

CURRICULUM VITAE

CLAIRE ELIZABETH TERHUNE, PHD

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EDUCATION

- 2010 Doctor of Philosophy, Anthropology, School of Human Evolution and Social Change, Arizona State University. Dissertation advisor: William Kimbel, PhD
- 2005 Master of Arts, Anthropology, School of Human Evolution and Social Change, Arizona State University. Masters advisor: William Kimbel, PhD
- 2002 Bachelor of Science, Anthropology, College of Charleston, Charleston, South Carolina
Bachelor of Arts, Biology, College of Charleston, Charleston, South Carolina
College of Charleston Honors Program Graduate, Graduated Cum Laude

RESEARCH INTERESTS

Hominin cranial morphology, evolution, and systematics; geometric morphometrics; functional morphology of the primate cranial base and masticatory apparatus; modern human skeletal biology and paleopathology; human and non-human primate anatomy.

EMPLOYMENT HISTORY

- 2020-Present Associate Professor, Department of Anthropology, University of Arkansas
- 2014-2020 Assistant Professor, Department of Anthropology, University of Arkansas
- 2013 Assistant Professor, Physician Assistant and Doctor of Physical Therapy Programs, Department of Community and Family Medicine, Duke University School of Medicine
- 2013 Assistant Research Professor, Department of Evolutionary Anthropology, Duke University
- 2011-2012 Instructor, Physician Assistant and Doctor of Physical Therapy Programs, Department of Community and Family Medicine, Duke University School of Medicine
- 2009-2011 Postdoctoral Associate, Physician Assistant Program, Department of Community and Family Medicine, Duke University School of Medicine
- 2005-2009 Graduate Teaching Assistant, School of Human Evolution and Social Change, Arizona State University.
- 2002-2009 Physical Anthropologist and Archaeologist, EcoPlan Associates, Inc., Mesa, AZ
- 2007-2008 Human Skeletal and Faunal Analyst, Northland Research, Inc., Tempe, AZ

OTHER ACADEMIC AFFILIATIONS

- 2021-Present Adjunct Associate Professor, Department of Anthropology, University of Tennessee Knoxville
- 2017-Present Scientific Advisor, MicroCT Imaging Consortium for Research and Outreach (MICRO), Center for Advanced Spatial Technologies, University of Arkansas

GRANTS AND AWARDS

- 2023 Recipient, Justin M Nolan Anthropology Excellence Award for Outreach, University of Arkansas
- 2021-2023 Archaeometry Grant, National Science Foundation. PIs: C Klehm, J Cothren, J Casana, CE Terhune (Total award \$311,297; UARK: \$209,726). "Collaborative Research: SPARC: Facilities Research, Experimentation, and Education in Spatial Archaeometry."

2020-2024 Senior Research Grant, National Science Foundation. PIs: J Chalk-Wilayto, CE Terhune, M Laird, M Holmes (Total award \$598,119; UARK \$288,730); "Collaborative Research: Feeding Ontogeny at the Interface of Behavior and Morphology."

2020-2022 Doctoral Dissertation Research Improvement Grant (DDRIG), National Science Foundation. PIs: CE Terhune, CB Yoakum (PhD Student) (\$29,800). "NSF SBE Doctoral Dissertation Research Improvement Grant: An Assessment of the Neurovascular Structures of the Trigeminal Nerve and Their Relationship to Diet in Primates."

2020-2021 Archaeometry Grant, National Science Foundation. PIs: J Cothren, C Klehm, R Opitz, J Casana, CE Terhune, F Limp (Total award \$147,975; UARK: \$102,057). "Collaborative Research: The Spatial Archaeometry Research Collaborations (SPARC): Integrating Spatial Analysis into Long Term Research."

2019-2022 General Research Grant, The Leakey Foundation. PIs: SC Curran, CE Terhune, B Pobiner, V Dragusin, A Petculescu, C Robinson, M Robu (\$22,961). "Taphonomy and chronology of Pleistocene fossil sites in central Romania."

2018-2020 Archaeometry Grant, National Science Foundation. PIs: J Cothren, D Fredrick, CE Terhune, F Limp (Total award: \$287,841; UARK: \$188,545). "Collaborative Research Spatial Archaeometry: Integrating Spatial Analysis into Archaeological Research."

2018-2019 Honors College Research Team Grant, University of Arkansas (\$9,000)

2018 Recipient, Challenger Award, Arkansans for Gifted and Talented Education (AGATE)

2017-2021 Major Research Instrumentation Grant, National Science Foundation. PIs: CE Terhune, P Gignac, H O'Brien, G Sabo, W Zhou (\$687,161); "MRI: Acquisition of a micro-computed tomography system for advanced imaging and inter-disciplinary multi-user access for the University of Arkansas and the US Interior Highlands."

2016-2021 Senior Research Grant, National Science Foundation. PIs: CE Terhune, SB Cooke, C Kirchhoff (Total award \$219,238; UARK \$114,769); "Collaborative Research: Normal and pathological covariation in the masticatory apparatus of anthropoid primates."

2016-2017 High-Risk Research in Biological Anthropology and Archaeology Grant, National Science Foundation. PIs: CE Terhune, SC Curran, A Petculescu, C Robinson, M Robu (\$29,887); "HRRBAA: Paleoanthropological Investigations of Early Pleistocene Hominin Dispersals."

2016 Collaborative Research Grant, Vice Provost for Faculty Development and Enhancement, University of Arkansas. Co-PI with Kaitlin Gallagher (PI) (\$2,000)

2016 Honors College Faculty Equipment and Technology Grant, University of Arkansas (\$8,300)

2016 Teaching Team Travel Award, Teaching and Faculty Support Center, University of Arkansas (\$5,367)

2014 DigitalGlobe Foundation Imagery Grant (digitalglobefoundation.org); "Paleontological investigations in the Olteț River Valley, Romania."

2012 American Association of Physical Anthropologists Professional Development Grant (\$5,000); "Were Neanderthals biting off more than they could chew? Evidence from the temporomandibular joint of Middle and Late Pleistocene hominins."

2012 Josiah Charles Trent Memorial Foundation Grant, Duke University (\$3,000); "Biogeographic contexts of early *Homo* dispersal to Europe."

2011 Postdoctoral Professional Development Award, Duke University (\$1,000)

2008-2009 General Research Grant, The Leakey Foundation (\$13,500); "Temporomandibular joint variation in primates: perspectives from phylogeny, function, and allometry."

2008-2009 Physical Anthropology Doctoral Dissertation Improvement Grant, National Science Foundation (\$15,000); "Temporomandibular joint variation in anthropoid primates: inferences from phylogeny, function, and allometry." Co-PI with W. Kimbel.

2006 Graduate & Professional Student Association Student Research Grant, Arizona State University (\$1,000)

2004 Collection Study Grant, American Museum of Natural History (\$2,000)

2004 Department of Anthropology Student Research Grant, Arizona State University (\$500)

2001 Catherine Wood Parker Scholarship Recipient, College of Charleston (\$1,200)

2000 Jon Morter Memorial Scholarship Recipient, College of Charleston (\$700)

PEER-REVIEWED PUBLICATIONS (*=student/postdoc author from the Terhune Lab)

- In press Werdelin L, Dragusin V, Robu M, Petculescu A, Popescu A, Curran S, **Terhune CE**. *Carnivora from the early Pleistocene of Grăunceanu (Olteț River Valley, Dacian Basin, Romania)*. *Rivista Italiana di Paleontologia e Stratigrafia*.
- 2023 Romero AN*, Dickinson E, Turcotte C, **Terhune CE**. *Skeletal age during hurricane impacts fluctuating asymmetry in Cayo Santiago rhesus macaques*. *Ecology and Evolution* 13(8): e10425. <https://doi.org/10.1002/ece3.10425>
- 2023 Laird MF, Kanno CM, Yoakum CB*, Dutra Fogaça M, Taylor AB, Ross CF, Chalk-Wilayto J, Holmes MA, **Terhune CE**, de Oliveira JA. *Ontogenetic changes in bite force and gape in tufted capuchins*. *Journal of Experimental Biology* 226 (15): jeb245972. <https://doi.org/10.1242/jeb.245972>
- 2023 Yoakum CB*, **Terhune CE**. *The inferior alveolar nerve and its relationship to the mandibular canal*. *The Anatomical Record*. <https://doi.org/10.1002/ar.25243>.
- 2023 Croitor R, Robinson C, Curran S, **Terhune CE**, Dragusin V, Pobiner B, Popescu A, Petculescu A. *Early Pleistocene Ruminants (Artiodactyla, Mammalia) from the Dacian Basin (South Romania) before and after the Pachycrocuta event: implications for hominin dispersals in western Eurasia*. *Historical Biology*: 1-49. <https://doi.org/10.1080/08912963.2023.2167602>
- 2022 **Terhune CE**, Mitchell DR, Cooke SB, Kirchhoff C, Massey J. *Temporomandibular joint shape in anthropoid primates varies widely and is patterned by size and phylogeny*. *The Anatomical Record* 305, 2227-2248. <https://doi.org/10.1002/ar.24886>
- 2022 Romero AN*, Mitchell DR, Cooke SB, Kirchhoff C, **Terhune CE**. *Craniofacial fluctuating asymmetry in gorillas, chimpanzees, and macaques*. *American Journal of Biological Anthropology* 177, 286-299. <https://onlinelibrary.wiley.com/doi/abs/10.1002/ajpa.24432>
- 2021 **Terhune CE**, Gaudin T, Curran SC, Petculescu A. *The youngest pangolin (Mammalia, Pholidota) from Europe: Pangolin remains from the early Pleistocene locality of Grăunceanu, Romania*. *Journal of Vertebrate Paleontology* 41(4), e1990075. <https://doi.org/10.1080/02724634.2021.1990075>
- 2021 Curran S (co-first author), **Terhune CE** (co-first author), Croitor R, Dragusin V, Fox DL, Garrett N, Ironside LB, Petculescu A, Pobiner B, Robinson C, Robu M, Tanțău I, Ungar P. *Multiproxy paleoenvironmental reconstruction of early Pleistocene sites from the Olteț River Valley of Romania*. *Palaeogeography, Palaeoclimatology, Palaeoecology* 574, 110445. <https://doi.org/10.1016/j.palaeo.2021.110445>
- 2021 Mitchell DR*, Kirchhoff CA, Cooke SB, **Terhune CE**. *Bolstering geometric morphometrics sample sizes with damaged and pathologic specimens: is near enough good enough?* *Journal of Anatomy* 238(6), 1444-1455. <https://doi.org/10.1111/joa.13390>
- 2020 **Terhune CE** (co-first author), Curran S (co-first author), Croitor R, Dragusin V, Gaudin T, Petculescu A, Robinson C, Robu M, Werdelin L. *Early Pleistocene fauna of the Olteț River Valley of Romania: Biochronological and biogeographic implications*. *Quaternary International* 553, 14-33. <https://doi.org/10.1016/j.quaint.2020.06.020>
- 2020 **Terhune CE**, Sylvester AD, Scott JE, Ravosa MJ. *Internal architecture of the mandibular condyle of rabbits is related to dietary resistance during growth*. *Journal of Experimental Biology* 223, jeb220988. <https://doi.org/10.1242/jeb.220988>
- 2019 Weisbecker V, Guillerme T, Speck C, Sherratt E, Abraha HM, Sharp AC, **Terhune CE**, Collins S, Johnston S, Panagiotopoulou O. *Individual variation of the masticatory system dominates 3D skull shape in the*

- herbivory-adapted marsupial wombats*. *Frontiers in Zoology* 16, 41 <https://doi.org/10.1186/s12983-019-0338-5>
- 2019 Yoakum CB*, Romero AN*, Moore Latham C*, Douglas EC, Gallagher KM, **Terhune CE**. *Sex and height influence neck posture when using electronic handheld devices*. *Clinical Anatomy* 32:1061-1071. <https://doi.org/10.1002/ca.23440>
- 2019 Taylor AB, **Terhune CE**, Vinyard C. *The influence of masseter and temporalis sarcomere-length operating ranges as determined by laser diffraction on architectural estimates of muscle force and excursion in macaques* (*Macaca fascicularis* and *Macaca mulatta*). *Archives of Oral Biology* 105:35-45. <https://doi.org/10.1016/j.archoralbio.2019.05.015>
- 2018 **Terhune CE**, Ritzman TB, Robinson CA. *Mandibular ramus shape variation and ontogeny in Homo sapiens and Homo neanderthalensis*. *J Hum Evol* 121:55-71. <https://doi.org/10.1016/j.jhevol.2018.03.009>
- 2018 Taylor AB, **Terhune CE**, Toler M, Holmes M, Ross CF, Vinyard CJ. *Jaw-muscle fiber architecture and leverage in the hard-object feeding sooty mangabey are not structured to facilitate relatively large bite forces compared to other papionins*. *Anat Rec* 301:325-342. [invited manuscript in edited volume] <https://doi.org/10.1002/ar.23718>
- 2017 Iriarte-Diaz J, **Terhune CE**, Taylor AB, Ross CF. *Functional correlates of the position of the axis of rotation of the mandible during chewing in non-human primates*. *Zoology* 124:106-118. [invited manuscript in edited volume] <https://doi.org/10.1016/j.zool.2017.08.006>
- 2017 **Terhune CE**. *Revisiting size and scaling in the anthropoid temporomandibular joint*. *Zoology* 124:73-94. [invited manuscript in edited volume] <https://doi.org/10.1016/j.zool.2017.08.005>
- 2017 Robinson CA, **Terhune CE**. *Error in geometric morphometric data collection: combining data from multiple sources*. *Am J Phys Anthropol* 164:62-75. <https://doi.org/10.1002/ajpa.23257>
- 2017 Sylvester AD, **Terhune CE**. *Trabecular mapping: leveraging geometric morphometrics for analyses of trabecular structure*. *Am J Phys Anthropol* 163:553-569. <https://doi.org/10.1002/ajpa.23231>
- 2016 Ritzman TB (co-first author), **Terhune CE** (co-first author), Gunz P, Robinson CA. *Mandibular ramus shape of Australopithecus sediba suggests a single variable species*. *J Hum Evol* 100:54-64. <https://doi.org/10.1016/j.jhevol.2016.09.002>
- 2015 **Terhune CE**, Hylander WL, Vinyard CJ, Taylor AB. *Jaw-muscle architecture and mandibular morphology influence relative maximum jaw gapes in the sexually dimorphic Macaca fascicularis*. *J Hum Evol* 82:145-158. <https://doi.org/10.1016/j.jhevol.2015.02.006>
- 2015 Cooke SB, **Terhune CE**. *Form, function, and geometric morphometrics*. *Anat Rec* 298:5-28. <https://doi.org/10.1002/ar.23065>
- 2015 **Terhune CE**, Cooke SB, Otárola-Castillo E. *Form and function in the platyrrhine skull: a three-dimensional analysis of dental and TMJ morphology*. *Anat Rec* 298: 29-47. <https://doi.org/10.1002/ar.23062>
- 2014 **Terhune CE**, Robinson CA, Ritzman TB. *Ontogenetic variation in the mandibular ramus of great apes and humans*. *J Morph* 275:661-677. <https://doi.org/10.1002/jmor.20246>
- 2013 Smith H, Ritzman T, Otárola-Castillo E, **Terhune CE**. *A 3-D geometric morphometric study of intraspecific variation in the ontogeny of the temporal bone in modern Homo sapiens*. *J Hum Evol* 65:479-489. <https://doi.org/10.1016/j.jhevol.2013.01.017>

- 2013 **Terhune CE**, Kimbel W, Lockwood C. *Postnatal temporal bone ontogeny in Pan, Gorilla, and Homo, and the implications for temporal bone growth in Australopithecus afarensis*. *Am J Phys Anthropol* 151:630-642. <https://doi.org/10.1002/ajpa.22318>
- 2013b **Terhune CE**. *How effective are geometric morphometric techniques for assessing functional shape variation? An example from the great ape temporomandibular joint*. *Anat Rec* 296: 1264-1282. <https://doi.org/10.1002/ar.22724>
- 2013a **Terhune CE**. *Dietary correlates of temporomandibular joint morphology in the great apes*. *Am J Phys Anthropol* 150:260-272. <https://doi.org/10.1002/ajpa.22204>
- 2012 Baker B, **Terhune CE**, Papalexandrou A. Sew Long? The Osteobiography of a Woman from Medieval Polis, Cyprus. In *The Bioarchaeology of Individuals*, AL Stodder and AM Palkovich, eds. Gainesville: University Press of Florida. pp 151-161.
- 2011b **Terhune CE**. *Dietary correlates of temporomandibular joint morphology in New World primates*. *J Hum Evol* 61:583-596. <https://doi.org/10.1016/j.jhevol.2011.08.003>
- 2011a **Terhune CE**. *Modeling the biomechanics of articular eminence function in anthropoid primates*. *J Anat* 219:551-564. <https://doi.org/10.1111/j.1469-7580.2011.01424.x>
- 2011 **Terhune CE**, Iriarte-Diaz J, Taylor A, Ross CF. *The instantaneous center of rotation of the mandible in non-human primates*. *J Int and Comp Biol* 51:320-332. [invited manuscript in edited volume] <https://doi.org/10.1093/icb/icr031>
- 2008 **Terhune CE**, Deane A. *Temporal squama shape in fossil hominins: relationships to cranial shape and a determination of character polarity*. *Am J Phys Anthropol* 137: 397-411. <https://doi.org/10.1002/ajpa.20882>
- 2007 Smith HF (co-first author), **Terhune CE** (co-first author), Lockwood C. *Genetic, geographic, and environmental correlates of human temporal bone variation*. *Am J Phys Anthropol* 134: 312-322. <https://doi.org/10.1002/ajpa.20671>
- 2007 **Terhune CE**, Kimbel W, Lockwood C. *Variation and diversity in Homo erectus: A 3D geometric morphometric analysis of the temporal bone*. *J Hum Evol* 53: 41-60. <https://doi.org/10.1016/j.jhevol.2007.01.006>
- PUBLISHED ABSTRACTS OF PROFESSIONAL PRESENTATIONS** (*=student/postdoc author from the Terhune Lab)
- 2023 Laird M, Kanno C, Yoakum C*, Dutra Fogaça M, Taylor A, Ross CF, Chalk-Wilayto J, Holmes MA, **Terhune CE**, de Oliveira JA. *Ontogenetic changes in bite force and gape in tufted capuchins*. Accepted for presentation at the 2023 meetings of the International Congress of Vertebrate Morphologists. [invited symposium]
- 2023 Holmes MA, Taylor PM*, Ramirez R, Solis MP, Dutra Fogaça M, Chalk-Wilayto J, **Terhune CE**, Laird M. *The ontogenetic interface of jaw-muscle leverage and cranial morphology in capuchin primates*. Accepted for presentation at the 2023 meetings of the International Congress of Vertebrate Morphologists. [invited symposium]
- 2023 **Terhune CE**, Yoakum CB*, Laird M, Chalk-Wilayto J, Kanno C, de Olivera JA, Polvadore T*, Dutra Fogaça M, Ross CF, Taylor A, Holmes M. *Ontogeny of masticatory muscle size in tufted and untufted capuchins*. Accepted for presentation at the 2023 meetings of the International Congress of Vertebrate Morphologists. [invited symposium]

- 2023 Taylor AB, **Terhune CE**, Vinyard CJ. *Jaws wide open: 50 years of modeling mammalian jaw gapes since Herring and Herring 1974*. Accepted for presentation at the 2023 meetings of the International Congress of Vertebrate Morphologists. [invited symposium]
- 2023 Dragusin V, Curran S, Ersek V, Floriou A, Hanganu D, Hellstrom J, Meckler AN, Petculescu A, Robinson C, **Terhune CE**, Vasile S, Woodhead J. *Pliocene-Pleistocene environments in the Dacian Basin (S. Romania): A stable isotope study of land and freshwater fauna*. Submitted for presentation at the 2023 meetings of the International Union for Quaternary Research.
- 2023 **Terhune CE**, Croitor R, Curran S, Dragusin V, Petculescu A, Pobiner B, Robinson C, Robu M, Werdelin L. *Tales from the Oltet Valley of Romania: Implications for hominin dispersals into Eurasia during the early Pleistocene*. *Am J Biol Anthropol* 180(S75):175. [invited symposium]
- 2023 Chalk-Wilayto J, Casorso JG, Lopez Navarro R, Cheves Hernandez S, Melin AD, Liu BS, Kim S, Dutra Fogaça M, Holmes MA, **Terhune CE**, Laird MF. *Age-related variation in material and geometric properties of fruits in wild white-faced capuchins (Cebus capucinus)*. *Am J Biol Anthropol* 180(S75):29.
- 2023 Polvadore TA*, Yoakum CB*, Taylor PM*, Dutra Fogaça M, Holmes MA, Laird MF, Chalk-Wilayto J, **Terhune CE**. *Ontogenetic biomechanics of tufted (Sapajus) and untufted (Cebus) capuchin mandibles*. *Am J Biol Anthropol* 180(S75):141.
- 2023 Taylor PM*, Polvadore T*, Yoakum CB*, Chalk-Wilayto J, Dutra Fogaça M, Holmes MA, Laird MF, **Terhune CE**. *Investigating covariation between hyoid shape and wishboning resistance in an ontogenetic sample of tufted and untufted capuchins*. *Am J Biol Anthropol* 180(S75):174.
- 2023 Romero AN*, **Terhune CE**. *Craniofacial fluctuating asymmetry in the Cayo Santiago rhesus macaques*. *Am J Biol Anthropol* 180(S75):151. [invited symposium]
- 2023 Stan C*, Dragusin V, Vasile S, Venczel M, **Terhune CE**. *Dental remains of Pliocene-Pleistocene Cercopithecidae from Romania*. *Am J Biol Anthropol* 180(S75):169.
- 2023 Aze JO, **Terhune CE**, Kirchhoff CA, Cooke SB. *The relationship between dental wear and dental topographic measures in platyrrhine primates*. *Am J Biol Anthropol* 180(S75):11.
- 2023 Sapata CM, Cooke SB, **Terhune CE**, Kirchhoff CA. *Craniodental lesions in the genus Pan*. *Am J Biol Anthropol* 180(S75):155.
- 2023 Zeman JA, **Terhune CE**, Cooke SB, Kirchhoff CA. *Mountain and lowland gorillas have different rates of craniodental lesions*. *Am J Biol Anthropol* 180(S75):200.
- 2023 Cooke SB, Palmer S, Cobb S, Sims ZR, **Terhune CE**, Kirchhoff CE. *Dental topographic analysis of platyrrhine molars indicates dietary differentiation occurred during the Middle Miocene*. Annual meetings of the American Association of Anatomists, Washington, DC.
- 2023 Cobb S, **Terhune CE**, Kirchhoff C, Cooke SB. *Using topographic measurements to detect sexual and dietary signal in the cercopithecoid honing premolar*. Annual meetings of the American Association of Anatomists, Washington, DC.
- 2022 Romero AN*, **Terhune CE**. *The role of social group and matriline on fluctuating asymmetry in female rhesus macaques*. Abstract presented at the 2022 meetings of the American Association of Anatomists.
- 2022 Cobb SE, Kirchhoff CA, **Terhune CE**, Eller A, Cooke SB. *Morphology of the cercopithecoid mandibular p3 and its correlation with sex and diet*. *Am J Biol Anthropol* 177(S73):33.

- 2022 Gomez JC, Kirchhoff CA, Cooke SB, **Terhune CE**. *Severity measures of dental lesions*. Am J Biol Anthropol 177(S73):71.
- 2022 Halenar-Price LB, Kirchhoff CA, **Terhune CE**, Cooke SB. *Potential association between pterion suture pattern and incidence of craniodental lesions in platyrrhines*. Am J Biol Anthropol 177(S73):78.
- 2022 Holmes MA, Taylor PM*, Ramirez R, Fogaça MD, Chalk-Wilayto J, **Terhune CE**, Laird MF. *Ontogenetic changes in jaw leverage in tufted and untufted capuchins*. Am J Biol Anthropol 177(S73):84.
- 2022 Palmer S, **Terhune CE**, Kirchhoff CA, Cooke SB. *Variation in the platyrrhine pterygoid process using linear and angle measurements*. Am J Biol Anthropol 177(S73):141.
- 2022 Romero AN*, Mitchell DR, **Terhune CE**. *Cranial fluctuating asymmetry and reproductive fitness in the Cayo Santiago Rhesus macaques*. Am J Biol Anthropol 177(S73):154-155.
- 2022 Taylor PM*, Chalk-Wilayto J, Fogaça MD, Laird MF, **Terhune CE**. *Interspecific and ontogenetic differences of hyoid body shape in tufted vs. untufted capuchins*. Am J Biol Anthropol 177(S73):179.
- 2022 **Terhune CE**, Taylor PM*, Yoakum CB*, Chalk-Wilayto J, Fogaça MD, Holmes MA, Laird MF. *Permanent and deciduous canine size in tufted vs. untufted capuchins*. Am J Biol Anthropol 177(S73):180.
- 2022 Yoakum CB*, **Terhune CE**. *A survey of the inferior alveolar nerve and its corresponding bony canal and foramina in primates*. Am J Biol Anthropol 177(S73):201.
- 2022 **Terhune CE**, Mitchell DR*, Kirchhoff CA, Cooke SB, O'Connor S Romero AN*, Taylor PM*. *Papio pathologies: linking craniofacial shape, pathologies and trauma, and behavior in Papio anubis*. Presented at the 2022 meetings of the International Congress of Primatologists, Quito, Ecuador.
- 2021 Vasile Ş, Drăguşin V, Stan C, **Terhune C**, Mirea I, Sava TB, Sava GO. *The first definite occurrence of Cuon alpinus in the Upper Pleistocene deposits of SW Romania*. Abstract presented at the 3rd Paleontological Virtual Congress.
- 2021 Barton A*, Knox OC*, Romero AN*, **Terhune CE**. *Analysis of inter- and intraobserver error when scoring tooth wear in the Cayo Santiago macaques*. Poster presented at the 2021 meetings of the American Association of Physical Anthropologists Undergraduate Research Symposium.
- 2021 Yoakum CB*, **Terhune CE**. *Investigating the relationship between the mental and mandibular foramina, tooth root surface areas, and diet*. Am J Phys Anthropol 174(S71):117-118.
- 2021 Curran SC, **Terhune CE**, Croitor R, Dragusin V, Fox DL, Garrett N, Gaudin T, Ironside LB, Petculescu A, Pobiner B, Robinson C, Robu M, Tantau I, Ungar P, Werdelin L. *Paleoecology and biochronology of Early Pleistocene sites in southern Romania*. Am J Phys Anthropol 174(S71):23-24.
- 2021 Mitchell DR*, Kirchhoff CA, Cooke SB, **Terhune CE**. *Geometric morphometrics, where only the strong survive: Excluding damaged/pathologic specimens may result in sampling biases in shape analyses*. Am J Phys Anthropol 174(S71):73.
- 2021 Merwin M, Kirchhoff CA, Mitchell DR*, Cooke SB, **Terhune CE**. *Contrasting craniodental lesion rates in platyrrhines*. Am J Phys Anthropol 174(S71):70.
- 2021 Stein T, Kirchhoff CA, Mitchell DR*, Cooke SB, **Terhune CE**. *Cranial suture fusion does not predict presence of craniodental lesions in cercopithecoids*. Am J Phys Anthropol 174(S71):100.

- 2020 Petculescu A, Drăgușin V, Avram A, Curran S, Faur L, Gabor A, Irimia R, Mirea I, Robinson C, Robu M, Șandric I, Soare B, **Terhune CE**, Timar-Gabor A, Woodhead J. *Geological and geomorphological investigations in the early Pleistocene paleontological multi-site of Olteț River Valley, Romania*. Accepted for presentation at the 2020 meetings of the European Geosciences Union (Conference cancelled).
- 2020 Taylor AB, **Terhune CE**, Teaford MF, Ross CF, Vinyard CJ. *Putting it on display: The musculoskeletal consequences of large gapes in male Old World monkeys*. Am J Phys Anthropol 171(S69):279-280 (conference cancelled but presented virtually at AAPA 2021).
- 2020 Kirchhoff CA, Cooke SB, Mitchell DR*, **Terhune CE**. *Variation in craniodental pathologies among cercopithecoid primates*. Am J Phys Anthropol 171(S69):143 (Conference cancelled).
- 2020 Romero AN*, Mitchell DR*, **Terhune CE**. *Analysis of landmark variation in the study of cranial fluctuating asymmetry*. Am J Phys Anthropol 171(S69):238 (Conference cancelled).
- 2020 Yoakum CB*, **Terhune CE**. *Investigating the relationship between mental foramen number and cross-sectional area*. Am J Phys Anthropol 171(S69):314 (Conference cancelled).
- 2020 Mitchell DR*, Kirchhoff CA, Cooke SB, **Terhune CE**. *Chewing through trauma: normal and pathologic shape variation in cercopithecoid skulls*. Am J Phys Anthropol 171(S69):189 (Conference cancelled).
- 2019 **Terhune CE**, Kirchhoff CA, Cooke SB, Mitchell DR*. *Masticatory covariation in Macaca fascicularis: integrating dental wear, craniofacial morphology, and pathology*. Journal of Morphology 280:S228.
- 2019 Tseng J, **Terhune CE**. *Simulated evolution suggests selection-mediated generation of complex structure-function mapping in the primate cranium*. Journal of Morphology 280:S526.
- 2019 Halenar-Price L, Shearer B, **Terhune CE**, Yoakum CB*, Cooke SB. *Get an eyeful of this: Gross anatomy and morphometrics of the squirrel monkey (Saimiri) interorbital region*. Am J Phys Anthropol 168(S68):95.
- 2019 Kirchhoff CA, Cooke SB, Romero AN*, **Terhune CE**. *Covariation among dental wear, craniofacial morphology, and pathologies in Macaca fascicularis*. Am J Phys Anthropol 168(S68):126.
- 2019 Romero AN*, Kirchhoff CA, Cooke SB, **Terhune CE**. *Examining fluctuating asymmetry in Macaca fascicularis*. Am J Phys Anthropol 168(S68):207.
- 2019 Yoakum CB*, **Terhune CE**. *An assessment of the neurovascular structures of the trigeminal nerve and their relationship to tooth morphology in Rattus sp., Pithecia pithecia, Saimiri sciureus, and Chiropotes sp.* Am J Phys Anthropol 168(S68):277.
- 2018 Haake L*, **Terhune CE**. *Use of dermestid beetles in cleaning osteological specimens: best practices*. Poster presented at the 2018 meetings of the American Association of Physical Anthropologists Undergraduate Research Symposium.
- 2018 Moore C*, Yoakum CB*, Romero AN*, Douglas EC, Gallagher KM, **Terhune CE**. *A biomechanical analysis of cervical spine posture using geometric morphometrics*. Abstract presented at the 2018 meetings of the American Association of Anatomists, San Diego, CA.
- 2018 **Terhune CE**, Kirchhoff CA, Cooke SB. *Macaque attack: Variation in craniofacial and TMJ shape in Macaca fascicularis*. Am J Phys Anthropol 165(S66): 272-273.
- 2018 Cooke SB, Wisniewski A, **Terhune CE**, Kirchhoff C. *Macaque attack: Dental topography through a wear sequence in Macaca fascicularis*. Am J Phys Anthropol 165(S66): 53-54.

- 2018 Kirchoff CA, Cooke SB, **Terhune CE**. *Macaque attack: The association between dental pathologies and temporomandibular osteoarthritis in Macaca fascicularis*. Am J Phys Anthropol 165(S66): 140.
- 2018 Yoakum CB*, **Terhune CE**. A comparison of the cross-sectional area of the primate mandibular canal and associated foramina. Am J Phys Anthropol 165(S66): 308.
- 2018 Romero AN*, **Terhune CE**. *A comparison of fluctuating asymmetry models in non-human primate crania*. Am J Phys Anthropol 165(S66): 230.
- 2017 Weisbecker V, Mehari Abraha H, **Terhune CE**, Johnston S, Sharp A, Speck C, Panagiotopoulou O. *Deep time to conservation: Quantifying shape variation within the last four vombatiform species through 3D geometric morphometrics*. International Mammalogical Congress, Perth Australia.
- 2017 **Terhune CE**, Curran SC, Fox DL, Garrett N, Petculescu A, Robinson C, Robu M. *Early Pleistocene paleohabitats of Eastern Europe: Evidence from the Olteț River Valley of Romania*. Poster presented at the 2017 European Society of Human Evolution meetings, Leiden, Netherlands.
- 2017 Curran SC, Fox DL, Garrett N, Petculescu A, Robinson C, Robu M, **Terhune CE**. *Characterizing early Pleistocene paleohabitats in Eastern Europe: Results from four years of research in the Olteț River Valley of Romania*. Am J Phys Anthropol 162(S64): 156.
- 2017 **Terhune CE**, Sylvester AD, Coiner-Collier S, Scott JE, McAbee KR, Ravosa MJ. *Adaptive plasticity in the masticatory apparatus: inference for form, function, and fossils*. Am J Phys Anthropol 162(S64): 379 [invited symposium].
- 2017 Ramos PA*, Sylvester AD, Taylor AB, **Terhune CE**. *Trabecular symmetry in the primate temporomandibular joint*. Am J Phys Anthropol 162(S64): 326.
- 2016 **Terhune CE**. *What's gape got to do with it? Examining osteological correlates of jaw gape in primates*. Talk presented at the 2016 International Congress on Vertebrate Morphology, Washington, DC. [invited symposium]
- 2016 Abraha HM, Weisbecker V, **Terhune CE**, Morrison R, Wailan M, May C, Sharp A, Johnston S, Panagiotopoulou O. *Comparative shape analysis of wombats and koalas*. Poster presented at the 2016 International Congress on Vertebrate Morphology, Washington, DC.
- 2016 **Terhune CE**, Robinson C, Ritzman T. *Sexual dimorphism in the shape of the extant hominid mandibular ramus*. Poster presented at the 2016 PaleoAnthropology Society meetings, Atlanta, GA.
- 2016 Curran S, **Terhune CE**, Sylvester A, Gogol S, Hubbard J*. *New ecomorphological proxies for paleohabitat reconstructions: geometric morphometric analyses of cervid joint surface morphology*. Poster presented at the 2016 PaleoAnthropology Society meetings, Atlanta, GA.
- 2016 Sylvester A, **Terhune CE**, Taylor AB. *Trabecular mapping: leveraging sliding landmarks for analyses of bone microstructure*. Am J Phys Anthropol S62:309.
- 2016 Robinson C, **Terhune CE**. *Combining data from multiple sources: a cautionary tale*. Am J Phys Anthropol S62:270.
- 2016 Cumpston S*, **Terhune CE**. *Revisiting primate masticatory scaling relationships*. Poster presented at the 2016 meetings of the American Association of Physical Anthropologists Undergraduate Research Symposium.

- 2015 **Terhune CE**, Curran S, Fox D, Garrett N, Hubbard J*, Petculescu A, Robinson C, Robu M, Stiuca E. *Paleoenvironmental conditions in early Pleistocene Romania: implications for hominin dispersals*. Poster presented at the 2015 meetings of the Society for Vertebrate Paleontologists.
- 2015 Bryce A, Sylvester AD, **Terhune CE**. *User variance in defining the trabecular-cortical interface using microCT images*. FASEB 29(1): LB23.
- 2015 Iriarte-Diaz J, **Terhune CE**, Taylor AB, Ross CF. *Functional constraints of primate feeding: modeling the effect of ligaments and TMJ morphology*. Am J Phys Anthropol 156(S60):175.
- 2015 Ross CF, Iriarte-Diaz J, Taylor AB, **Terhune CE**. *Functional significance of the location of the axis of rotation of the mandible*. Am J Phys Anthropol 156(S60):271-272.
- 2015 **Terhune CE**, Ritzman TB, Gunz P, Robinson CA. *A reassessment of the taxonomic validity of the Australopithecus sediba mandibles*. Am J Phys Anthropol 156(S60):303.
- 2015 Healy CA*, Robinson CA, Ritzman TB, **Terhune CE**. *Evaluating ontogenetic shape variation in the mandibular ramus of Homo sapiens and Homo neanderthalensis*. Am J Phys Anthropol 156(S60):162.
- 2014 **Terhune CE**. *Were Neanderthals biting off more than they could chew? Evidence from the temporomandibular joint of Middle and Late Pleistocene hominins*. Paleoanthropology Abstracts: A26.
- 2014 Taylor AB, **Terhune CE**, Hylander WL, Vinyard C. *In vitro sarcomere-length operating range of the masseter and temporalis muscles in Macaca fascicularis*. Am J Phys Anthropol 153(S58):252.
- 2013 **Terhune CE**, Melcher B, Taylor A. *Physician assistant anatomy education: does prior anatomy experience predict performance?* FASEB 27:956.1.
- 2013 Cooke S, **Terhune CE**. *Form and function in a sample of platyrrhine primates: a three-dimensional analysis of dental and TMJ morphology*. Am J Phys Anthropol 150(S56):101-102.
- 2013 **Terhune CE**, Curran S, Petculescu A, Robinson C, Robu M, Stiuca E. *Renewed paleontological investigations in the Olteț River Valley of Romania and the new paleontological locality of Râpa*. Am J Phys Anthropol 150(S56):270.
- 2013 Iriarte-Diaz J, **Terhune CE**, Taylor A, Ross C. *Mandibular helical axis during feeding in non-human primates*. Am J Phys Anthropol 150(S56):157.
- 2012 **Terhune CE**, Robinson C, Ritzman T. *Ontogenetic variation in the ascending ramus of great apes and humans*. Am J Phys Anthropol 147(S54):284-285.
- 2012 Iriarte-Diaz J, **Terhune CE**, Ross C. *Mandibular helical axis during feeding in non-human primates*. J Int Comp Biol 52(1):e84.
- 2011 **Terhune CE**, Hylander W, Vinyard C, Taylor A. *Masseter fiber length and position influence relative maximum jaw gapes in the sexually-dimorphic Macaca fascicularis*. Am J Phys Anthropol 144(S52):292.
- 2011 **Terhune CE**, Iriarte-Diaz J, Taylor A, Ross C. *The mandibular instantaneous center of rotation in non-human primates and its relation to gape*. J Int Comp Biol 51(1):e137.
- 2010 **Terhune CE**. *Dietary correlates of temporomandibular shape*. Am J Phys Anthropol 141(S50): 229.

- 2009 **Terhune CE**, Kimbel WH, Lockwood CA. *An analysis of postnatal temporal bone ontogeny in Pan and Homo, with implications for temporal bone growth and development in Australopithecus afarensis*. *Paleoanthropology Abstracts*: A36.
- 2009 **Terhune CE**. *Scaling relationships in the anthropoid temporomandibular joint*. *Am J Phys Anthropol* 138(S48): 254.
- 2008 **Terhune CE**, Smith H, Gilbert C. *Environmental and dietary correlates of papionin temporal bone variation*. *Am J Phys Anthropol* 135(S46): 206.
- 2007 **Terhune CE**, Smith H, Lockwood C. *Genetic, geographic, and environmental correlates of human temporal bone variation*. *Am J Phys Anthropol* 132(S44): 231.
- 2007 Baker B, **Terhune CE**, Papalexandrou A. *Sew long: A seamstress buried at Polis, Cyprus*. *Am J Phys Anthropol* 132(S44): 67.
- 2006 **Terhune CE**, Kimbel W, Lockwood C. *Variation and diversity in Homo erectus: A 3D geometric morphometric analysis of the temporal bone*. *Am J Phys Anthropol* 129(S42): 176.
- 2005 **Terhune CE** and Deane A. *Shape of the temporal squama in fossil hominins: relationships to cranial shape and a determination of character polarity*. *Paleoanthropology Abstracts*: A48.

PRESENTATIONS (ABSTRACTS NOT PUBLISHED)

- 2006 Smith H and **Terhune CE**. *Genetic, geographic, and environmental correlates of human temporal bone variation*. Poster presented at the 7th Annual Graduate Research Symposium, Graduates in Earth, Life, and Social Sciences, Arizona State University.
- 2005 **Terhune CE**. *Mastoid musculature variation in Pan troglodytes*. Poster presented at the 6th Annual Graduate Research Symposium, Graduates in Earth, Life, and Social Sciences, Arizona State University.
- 2002 **Terhune CE**. *A Late Cretaceous dinosaur locality from the Los Altares region of northeastern Mexico*. 14th Annual Scientific Research Poster Session at the College of Charleston, Charleston, SC.
- 2000 **Terhune CE**. *Dangerous animal depictions in Upper Paleolithic art*. Carolina Undergraduate Social Sciences Symposium, Charleston, SC.

INVITED SEMINARS

- 2022 PaleoFest, Burpee Museum of Natural History, Rockford, IL
- 2021 Darwin Week, School of Science and Mathematics, College of Charleston, Charleston, SC
- 2019 Biological Anthropology Group, Department of Anthropology, Washington University at St. Louis
- 2019 Northwest Arkansas Dental Research Group, Fayetteville, AR
- 2018 Ross Lab, Department of Organismal Biology and Anatomy, University of Chicago, Chicago, IL
- 2016 Department of Anatomy and Vertebrate Paleontology, Oklahoma State University Center for Health Sciences, Tulsa, OK
- 2015 Department of Biological Sciences, University of Arkansas, Fayetteville, AR
- 2014 Department of Integrative Physiology and Anatomy, University of North Texas Health Science Center, Fort Worth, TX
- 2013 Department of Anthropology, University of Arkansas, Fayetteville, AR
- 2012 Section of Paleoanthropology, Karl Eberhard Universität Tübingen, Tübingen, Germany
- 2012 Section of Anatomy, Department of Biomedical Sciences, Marshall University, Huntington, WV
- 2011 Department of Anthropology, New York University, New York, NY
- 2011 Department of Anatomy, Midwestern University, Downers Grove, IL
- 2010 Department of Evolutionary Anthropology, Duke University, Durham, NC

TEACHING EXPERIENCE

- 2014- Present Assistant/Associate Professor, Department of Anthropology, University of Arkansas
Introduction to Biological Anthropology (ANTH 1013)
Introduction to Biological Anthropology Lab (ANTH 1011L)
Honors University Perspectives (UNIV 1001H)
Bones, Bodies, and Brains in Evolutionary Perspective (ANTH 3043)
Mammalian Evolution and Osteology (ANTH 4703/5703)
Problems in Primate Paleobiology (ANTH 4903/5153)
Statistics in Biological Anthropology (ANTH 4903/5903)
Human Gross Anatomy (ANTH 5903)
Guest Lectures in the following courses: The Darwin Course (BIOL/HIST/ANTH 3923H); University Perspectives (UNIV 1001); Mechanics of Human Movement (EXSC 3353); Comparative Psychology (PSYC 4193); Technical Authorship (CHEG 588V)
- 2009-2013 Postdoctoral Associate/ Instructor/ Assistant Professor, Physician Assistant Program, Duke University School of Medicine
Instructor, Physician Assistant Anatomy
Lab Instructor, Doctor of Physical Therapy Anatomy
Guest Lecturer, Clinical Medicine III
Supervisor/Mentor, Doctor of Physical Therapy Teaching & Learning Elective
Discussant, Concepts in Evolutionary Anthropology
Instructor, Geometric Morphometrics in Biological Anthropology
- 2005-2009 Graduate Teaching Assistant, Arizona State University
Bones, Stones, and Human Evolution
Human Osteology
Advanced Forensic Anthropology
Hadar Paleoanthropology Field School
Clinical Anatomy (ASU/ UofA Medical School)
Anatomy and Physiology II
- 2000-2002 Undergraduate Teaching Assistant, College of Charleston
Introduction to Physical Anthropology (Supervised by D. Cope)
Introduction to Archaeology (Supervised by M. Hays)

ACADEMIC FIELDWORK

- 2012-Present Co-director, Pleistocene survey of the Oltet River Valley, Romania. Directed by **Claire Terhune**, Sabrina Curran, Chris Robinson, and Alexandru Petculescu.
- 2011 Hacienda La Pacifica visiting researcher. Hacienda La Pacifica (Costa Rica) directed by Chris Vinyard, Susan Williams, and Ken Glander.
- 2007 Hadar Paleoanthropological Field School teaching assistant. Hadar field school (Ethiopia) directed by William Kimbel and Kaye E. Reed.
- 2005-2006 Princeton Cyprus Expedition paleopathology analyst and excavator. Polis Chrysochous site (Polis, Cyprus) directed by William Childs.
- 2004 Sopeña archaeological excavation team member. Sopeña site (Asturias, Spain) directed by Ana C. Pinto.
- 2002 Los Altares paleontological graduate research assistant and excavation team member. Los Altares site (Chihuahua, Mexico) directed by Dana Cope, Ben Brown, Jim Westgate, and Jeff Pittman.

- 2001 Los Altares paleontological excavation team member. Los Altares site (Chihuahua, Mexico) directed by Dana Cope, Ben Brown, Jim Westgate, and Jeff Pittman.
- 2000 GXVI archaeological excavation team member. *Grotte Seize* site (Dordogne, France) directed by Jan Simek, Jean-Phillipe Rigaud, and Maureen Hays.

INVITED WORKSHOPS AND CONFERENCES

- AnthroTree Workshop. Sponsored by the National Science Foundation and the National Evolutionary Synthesis Center, May 29-June 4, 2012, Amherst, MA.
- Geometric Morphometrics Workshop at Iowa State University. Jointly sponsored by the National Science Foundation and Iowa State University, May 29 -June 2, 2006, Ames, IA.

THESES AND DISSERTATIONS

- 2010 *The temporomandibular joint in anthropoid primates; functional, allometric, and phylogenetic influences.* Ph.D. Dissertation, School of Human Evolution and Social Change, Arizona State University, Tempe, AZ.
- 2005 *Variation and diversity in Homo erectus: A 3D geometric morphometric analysis of the temporal bone.* Unpublished M.A. Thesis, Department of Anthropology, Arizona State University, Tempe, AZ.
- 2002 *Neandertal and modern human interaction in early Upper Paleolithic Europe.* Unpublished Honor's Thesis, Department of Sociology and Anthropology, College of Charleston, Charleston, SC.

EDUCATIONAL RESOURCES/ WEBSITES

- Terhune Lab Research Website <https://terhunelab.uark.edu/>
- MicroCT Imaging Consortium for Research and Outreach <https://micro.uark.edu/>
- Claxton AG, Wilson M, Terhune C. 2022. Exploring microCT Applications in Archaeology: A SPARC Teaching Resource. https://github.com/castuofa/sparc_microct

CULTURAL RESOURCE MANAGEMENT PUBLICATIONS (SELECTED; NOT PEER REVIEWED)

- **Terhune CE.** 2018. Faunal Remains. In *Archaeological Investigations at Antler House Village, AZ N:12:64 (ASM): A Persistent Pre-Classic Farmstead in a Northern Hohokam Hinterland.* EcoPlan Associates, Inc., Mesa, AZ.
- **Terhune CE.** 2009. Human Skeletal Remains. In *Data Recovery Report for the Pueblo Del Rio Archaeological Site, Phoenix, AZ.* (edited by G. Gage). Northland Research, Inc. Tempe, AZ.
- Sorrell D, Phillips B, and **Terhune CE.** 2006. Archaeological Monitoring Report for a City of Phoenix Water Main Installation Project along 19th Avenue between Roeser and Broadway Roads, Maricopa County, Arizona. EcoPlan Cultural Resources Monitoring Report 03-674:19. EcoPlan Associates, Inc., Mesa, AZ.
- **Terhune CE.** 2006. Vertebrate Faunal Remains and Modified Bone Analysis. In *The Archaeology of the Agua de la Mision Site (AZ BB:13:205 [ASM]), Tucson Basin, Southern Arizona* (edited by J.S. Bruder and J. Baker). EcoPlan Cultural Resources Data Recovery Report 00-469:90, EcoPlan Associates, Inc., Mesa, AZ.
- Gentilli T, **Terhune CE.** 2005. *A Cultural Resource Survey of the Painted Cliffs Rest Area, Lupton, Apache County, Arizona.* EcoPlan cultural Resource Report 04-712:41. EcoPlan Associates, Inc., Mesa, AZ.
- **Terhune CE.** 2004. *A Cultural Resource Survey of 0.3 Miles of the Walnut Canyon National Monument Access Road, Coconino County, Arizona.* EcoPlan Cultural Resource Report 02-599: 4. EcoPlan Associates, Inc., Mesa, AZ.
- **Terhune CE.** 2004. *Thirty Six Culverts on State Route 89: Documentation of the Information Potential Associated with the Historic State Highway System (TRACS 089 YV 258 H5717 01C; MP 258.3-267.5).* EcoPlan HSHS Documentation Report No. 02-599: 2, EcoPlan Associates, Inc., Mesa, AZ.

PROFESSIONAL SERVICE

- Ongoing Manuscript reviewer for American Journal of Physical Anthropology; American Journal of Primatology; Archives of Oral Biology; Current Zoology; Evolutionary Biology; International Journal of Osteoarchaeology; Journal of Anatomy; Journal of Archaeological Science: Reports; Journal of Human

Evolution; Nature Communications; Palaeogeography, Palaeoclimatology, Palaeoecology; PLoS ONE; The Anatomical Record; Surface Topography Metrology and Properties; Yearbook of Physical Anthropology

Ongoing Grant reviewer for the National Science Foundation and The Leakey Foundation

2022-Present Member, Scientific Program Committee, International Congress of Vertebrate Morphologists

2022 Functional Anatomy: Craniofacial Function and Development Session Chair, annual meetings of the American Association of Biological Anthropologists, Denver CO

2016-2021 Associate Editor, Journal of Human Evolution

2018-2020 Program Committee Member, American Association of Physical Anthropologists

2014-2018 Steering Committee Member, Physical Anthropology Women's Mentoring Network

2016-2018 National Science Foundation Biological Anthropology Senior Research Award Panelist

2012-2016 Program Committee Member, American Association of Physical Anthropologists

2016 Member, American Association of Physical Anthropologists Professional Development Grant Review Committee

2013- 2015 Guest Co-Editor (with SB Cooke), special issue of The Anatomical Record entitled "Assessing function via shape: what is the place of geometric morphometrics in functional morphology?" published January 2015 (Volume 298 Issue 1).

2013 AAA/AAPA student award judge. Award sponsored by the American Association of Anatomists and American Association of Physical Anthropologists, Knoxville, TN

2013 Co-organizer (with SB Cooke) of symposium entitled "Assessing function via shape: What is the place of geometric morphometrics in functional morphology?" held at the 2013 Annual Meeting of the American Association of Physical Anthropologists, Knoxville, TN

2012 Career panelist and student award judge. Panel and award sponsored by the American Association of Anatomists, held at the American Association of Physical Anthropology Meetings, Portland, OR

DEPARTMENT AND UNIVERSITY SERVICE

2023-Present Member, Personnel Committee, Fulbright College of Arts and Sciences, University of Arkansas

2022-Present Faculty sponsor, Gamma of Arkansas Chapter of Lambda Alpha (Anthropology Honors Society)

2022-Present Member, Faculty Senate, University of Arkansas

2019-2022 Chair/Co-Chair, Committee on Diversity and Inclusion, Department of Anthropology, University of Arkansas

2020-2021 Member, Tesseract Faculty Advisory Board

2014-2020 Co-organizer, Human Origins Group Current Anthropology Literature Lunch, Department of Anthropology, University of Arkansas

2018-2019 Search Committee, Assistant Professor (Biological Anthropology), Department of Anthropology, University of Arkansas

2018 Women of STEM Invited Panelist, University of Arkansas Biology Club, March 8, 2018.

2017 Panelist, Get the Grant Workshop, sponsored by Fulbright College, University of Arkansas. October 4, 2017

2016-2018 Ad hoc Committee on Diversity and Inclusion, Department of Anthropology, University of Arkansas

2014-2016 Lab Safety Officer, Department of Anthropology, University of Arkansas

2014-2017 Faculty Advisor, Anthropology Graduate Student Consortium, Department of Anthropology, University of Arkansas

2015-2016 Search Committee, Assistant Professor (Archaeology), Department of Anthropology, University of Arkansas

2015 Search Committee, Clinical Assistant Professor (Cultural Anthropology), Department of Anthropology, University of Arkansas

2011-2012 Volunteer reader, Duke Reader Project (dukereaderproject.org), Duke University

2004-2005 Physical Anthropology subdiscipline representative, Association of Anthropology Graduate Students, Arizona State University

PUBLIC OUTREACH

- 2014- Present Classroom presentation “What is Anthropology?” Presented to Haas Hall Academy, Fayetteville, AR; Oakdale Middle School, Rogers, AR; Elkins Elementary School, Elkins, AR; Springdale Montessori School, Springdale, AR
- 2018-2021 Volunteer speaker/presenter, Skype a Scientist
- 2017-2019 Co-organizer and speaker, 4G: Gifted Girls Going Great Places; Mini-STEM conference held at the University of Arkansas and organized with Rogers School District
- 2017 Anthropology booth organizer, Girl Fest STEAM Expo; event organized by the Girl Scouts Diamonds of Arkansas, Oklahoma, and Texas.
- 2017 Guest speaker/ presenter, Girls of Promise Conference; STEM education event organized by the Women’s Foundation of Arkansas, Little Rock, AR (April 13-14, 2017)
- 2016-2019 Organizer and Participant, Anthropology Open House, University of Arkansas
- 2016-2019 Anthropology and Math- Develop (with 7th grade teacher Kim Shaw) and implement a series of lectures and exercises focused on using anthropology to demonstrate how math is used in science and in everyday life. Lincoln Junior High School, Bentonville, AR
- 2016 Fulbright Friday guest lecture at Butterfield Trail Village Retirement Community
- 2003-2009 Education tour guide, Institute of Human Origins, Arizona State University
- 2002 Darwin Week instructor and participant, College of Charleston, Charleston, SC

STUDENT ADVISING

As committee chair

- In progress Valerie Contreras, MA Thesis, Department of Anthropology, University of Arkansas
- In progress Ana Maria Cristina Stan, MA Thesis, Department of Anthropology, University of Arkansas
- In progress Parker Taylor, PhD Dissertation, Department of Anthropology, University of Arkansas
- 2023 Ashly Romero, PhD Dissertation, Department of Anthropology, University of Arkansas
- 2022 Amber Cooper, Undergraduate Honors Thesis, Department of Anthropology, University of Arkansas
- 2021 Caitlin Yoakum, PhD Dissertation, Department of Anthropology, University of Arkansas
- 2021 J. Cameron Tilley, Undergraduate Honors Thesis, Department of Anthropology, University of Arkansas
- 2020 Logan Hearp, Undergraduate Honors Thesis, Department of Anthropology, University of Arkansas
- 2020 Blossom Amechi, Undergraduate Honors Thesis, Department of Anthropology, University of Arkansas
- 2019 Lydia Haake, Undergraduate Honors Thesis, Department of Anthropology, University of Arkansas
- 2018 Ashly Romero, MA Thesis, Department of Anthropology, University of Arkansas
- 2017 Patricia Ramos, Undergraduate Honors Thesis, Department of Anthropology, University of Arkansas

As committee member

- In progress Rudolph Wilkins, MA Thesis, Department of Anthropology, University of Arkansas
- In progress Kelsey O’Neill, PhD Dissertation, Department of Anthropology, University of Tennessee Knoxville
- In progress Lesley Eason, PhD Dissertation, Department of Anthropology, University of Arkansas
- 2023 Liam Zachary, PhD Dissertation, Department of Anthropology, University of Arkansas
- 2021 Caleb Burruss, MA Thesis, Department of Health, Human Performance and Recreation, University of Arkansas
- 2021 Christopher Schaubroeck, Undergraduate Honors Thesis, Department of Geosciences, University of Arkansas
- 2020 Riley Hoogerwerf, Undergraduate Honors Thesis, Department of Psychology, University of Arkansas
- 2019 Laura McGehee, Undergraduate Honors Thesis, Department of Psychology, University of Arkansas
- 2018 Travis Garvin, MA Thesis, Department of Biomedical Sciences, Grand Valley State University
- 2018 Nicole Robinson, MA Thesis, Department of Anthropology, University of Arkansas
- 2018 Hannah Grace Showalter, MA Thesis, Department of Anthropology, University of Arkansas
- 2016 Lilly Sage McCoy, Undergraduate Honors Thesis, Department of Psychology, University of Arkansas

Undergraduate research mentor

Ashlyn Barton (graduated 2023)

Owen Knox (graduated 2023)

Alice Stubbs (graduated 2023)
Maureen Balcerzak (graduated 2020)

Sarah Cumpston (graduated 2016)

STUDENT GRANTS AND AWARDS

- 2022 University of Arkansas Honors College Research Grant award to Ashlyn Barton (\$4,000)
2021 Arkansas Department of Higher Education, Student Undergraduate Research Fellowship (SURF) award to Alice Stubbs (\$4,000)
2021 University of Arkansas Honors College Research Grant award to Amber Cooper (\$4,000)
2020 University of Arkansas Honors College Research Grant award to Cameron Tilley (\$4,000)
2017 Arkansas Department of Higher Education, Student Undergraduate Research Fellowship (SURF) award to Lydia Haake (\$4,000)
2016 Arkansas Department of Higher Education, Student Undergraduate Research Fellowship (SURF) award to Patricia Ramos (\$4,000)

MUSEUM COLLECTIONS VISITED FOR RESEARCH

Cleveland Museum of Natural History, Cleveland, OH
American Museum of Natural History, New York, NY
National Museum of Natural History, Washington, DC
Field Museum, Chicago, IL
Royal Museum for Central Africa, Tervuren, Belgium
State Collection of Anthropology and Paleoanatomy,
Munich, Germany
National Museum of Ethiopia, Addis Ababa, Ethiopia
British Museum of Natural History, London, England
Institut Royale des Sciences Naturalles, Brussels,
Belgium

Staatliches Museum für Naturkunde, Stuttgart,
Germany
Musée de l'Homme, Paris, France
Institut de Paleontologie Humaine, Paris, France
Universita La Sapienza, Rome, Italy
Museo Pigorini, Rome, Italy
University of Witwatersrand, Johannesburg, South
Africa
Ditsong Museum of Natural History, Pretoria, South
Africa

PROFESSIONAL DEVELOPMENT EVENTS

- New/Not-so-new faculty lunch series and assorted teaching symposia (2014-Present). Sponsored by the Teaching and Faculty Support Center, University of Arkansas
- Peer Mentoring Circle Program (Fall 2022-Spring 2023). Sponsored by the Office of Faculty Affairs, University of Arkansas
- Faculty Mentoring Graduate Students Workshop (Fall 2022). Sponsored by the Office of Faculty Affairs, University of Arkansas
- Inclusive Leadership Training (October 11, 2022). Sponsored by the Fulbright College of Arts and Sciences Office of Diversity, Equity, & Inclusion, University of Arkansas.
- Safe Zone Allies Training (September 23, 2022). Sponsored by the Center for Multicultural and Diversity Education, University of Arkansas
- Teaching Camp (August 8-10, 2022). Sponsored by the Teaching and Faculty Support Center, University of Arkansas
 - Co-presenter with Lindsey Aloia (Communications) on Teaching Seminars and Small Classes
- Teaching Camp (August 9-11, 2015). Sponsored by the Teaching and Faculty Support Center, University of Arkansas
- Early Career Mentoring Professional Development Workshop (March 25, 2015). Sponsored by the American Association of Physical Anthropologists Committee on Diversity Women's Initiative
- Research Camp (October 21-22, 2014). Sponsored by the Office of the Vice Provost for Research and Economic Development, University of Arkansas
- Teaching Camp (August 4-5, 2014). Sponsored by the Teaching and Faculty Support Center, University of Arkansas
- Preparing for Promotion Workshop series (May-June 2012). Sponsored by the Department of Community and Family Medicine, Duke University Medical Center
- Teaching IDEAS Workshop Series: Promoting Active Learning in the Science Classroom (February 21, 2011); Strategies to Teach Large Enrollment Classes Successfully (March 28, 2011); The Other Side of the Box: Fostering Creativity In- and Out-of- the College Classroom (October 9, 2012); Promoting Academic Integrity (October 26, 2012). Sponsored by the Center for Instructional Technology, Duke University

- Small Group Teaching, Sponsored by the Department of Community and Family Medicine, Duke University Medical Center. January 19, 2011
- Responsible Conduct of Research Workshop (November 18, 2010). Sponsored by the Office of Postdoctoral Services, Duke University
- “Writing From the Reader’s Perspective” Workshop by George Gopen. Sponsored by Office of Research Support, Duke University. February 11-March 4, 2010

PROFESSIONAL MEMBERSHIPS

American Association of Anatomists
 American Association of Physical Anthropologists
 European Society for Human Evolution
 Golden Key National Honor Society
 International Society of Vertebrate Morphologists
 International Primatological Society
 Lambda Alpha, Anthropology Honor Society

National Society of Collegiate Scholars
 Paleoanthropology Society
 Physician Assistant Education Association
 Sigma Xi, The Scientific Research Honors Society
 Society for Integrative and Comparative Biology
 Society of Vertebrate Paleontology

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