

Curriculum Vitae (long version)

LESLEA J. HLUSKO

Email: leslea.hlusko@cenieh.es

Website: <http://lesleahlusko.org>

Twitter/X: @LHlusko Bluesky: @hlusko.bsky.social

<https://orcid.org/0000-0003-0189-6390>

<https://www.scopus.com/authid/detail.uri?authorId=6602557816>

<https://www.researchgate.net/profile/Leslea-Hlusko/research>

Web of Science ResearcherID: IQW-5635-2023

Centro Nacional de Investigación sobre la
Evolución Humana (CENIEH)
Paseo Sierra de Atapuerca, 3
09002 Burgos, España
Tel: +34 947040800
Fax: +34 947040810

CURRENT POSITION

Research Professor (Investigadora)
National Center for Research on Human Evolution (CENIEH)
Paseo Sierra de Atapuerca 3, 09002 Burgos, España

EDUCATION

1998-2000 **PhD, Penn State University**, University Park, PA, Biological Anthropology
1996-1998 **MA, Penn State University**, w/distinction, Univ. Park, PA, Biological Anthropology
1989-1992 **BA, University of Virginia**, Charlottesville, VA, Anthropology and Archaeology

AWARDS AND HONORS

2022-2027 **European Research Council Advanced Grant Recipient**, European Union
2025 **Distinguished Lecturer, International Assoc. Dental Research** annual conference
2023-2025 **President of the American Association of Biological Anthropologists**
2022 **Gabriel W. Lasker Service Award**, American Association of Biological Anthropologists
2021 **Extraordinary Teaching in Extraordinary Times**, University of California Berkeley
2019-2020 **Adobe Teaching Fellow**, University of California Berkeley
2015-2016 **Chancellor's Public Scholar**, University of California Berkeley
2014 **Innovative Teaching Award**, American Cultures Program, Univ. California Berkeley
2012 **Elected Fellow, American Association for the Advancement of Science**
2006 **Hellman Faculty Award**, University of California Berkeley
2003 **Arnold O. Beckman Research Award**, University of Illinois Research Board
2003 **List of Teachers Ranked as Excellent**, fall semester, University of Illinois
2000 **Student Presentation Prize**, American Association of Biological Anthropologists
1999 **Student Presentation Prize**, American Association of Biological Anthropologists
1997-2000 **National Science Foundation Graduate Fellowship**
1998 **Matson-Benson Award**, Penn State University Anthropology Museum
1996-1997 **Graham's Fellow**, Penn State University

ACADEMIC EMPLOYMENT

2021 – current Profesora de Investigación (Research Professor)
Centro Nacional de Investigación sobre la Evolución Humana (CENIEH), Burgos, Spain
2018 – 2022 Professor, Department of Integrative Biology (emeritus as of 2023)
Associate Director, Human Evolution Research Center
Faculty Curator, Museum of Paleontology
University of California, Berkeley
2008 – 2018 Associate Professor, Department of Integrative Biology
Associated Faculty, Human Evolution Research Center
Associate Faculty Curator, Museum of Paleontology
University of California, Berkeley
2004 – 2008 Assistant Professor, Department of Integrative Biology
Associated Faculty, Human Evolution Research Center

Assistant Faculty Curator, Museum of Paleontology
 University of California, Berkeley
 2000 – 2004 Assistant Professor, Department of Anthropology
 Assistant Professor, Program in Ecology and Evolutionary Biology (2003-2004)
 University of Illinois, Urbana-Champaign
 Fall 2001, Academic Year 2002-03; Visiting Assistant Researcher, Museum of Vertebrate Zoology,
 University of California, Berkeley
 June 2000 Instructor, Governor's Institute for Life Science Educators, Penn State University College of
 Medicine, Hershey, PA
 1996 – 1997 Graduate Research Assistant, Dept. Anthropology, Penn State University
 1995 – 1996 Internship, National Museum of Natural History, Smithsonian Institution (Dr. R. Potts)
 Spring 1993 Teaching Assistant, Intro Paleoanthropology, George Washington University, Herndon, VA
 1992 Archaeological field crew, Octagon House, Am. Institute of Architects, Washington DC

NON-ACADEMIC EMPLOYMENT

1994 – 1995 National Geographic Magazine, Washington, DC, Illustrations Assistant
 1993 – 1994 Storch & Brenner, Attorneys at Law, Washington, DC, Clerk/Paralegal
 1992 Various retail positions & internships, Washington, DC

PROFESSIONAL SERVICE

2024 – current Project leader and Chair, Advisory Committee for the **Dental Morphology Database**
 2025 – current Group leader, BioAnth Wikipedians
 2022 – 2026 President-elect, President (March 2023-March 2025), and Past-President, American
 Association of Biological Anthropologists
 2020 – 2022 Vice President and Chair of the Scientific Program Committee, American Association of
 Biological Anthropologists
 2020 – 2023 Member-at-Large, American Association for the Advancement of Science, Section H
 2019 – 2023 Executive Committee, American Association of Anthropological Genetics
 2019 – 2022 Associate Editor, *Journal of Human Evolution*
 2019 – 2020 Member of the Access Committee for the ICTS-CENIEH
 (Centro Nacional de Investigación sobre la Evolución Humana, Burgos, Spain)
 2017 – current Managing Board, *Peer Community in Paleontology (PCI Paleo)*
 2016 – 2020 Editorial Board, *American Anthropologist*
 2016– 2019 Editorial Board, *Dental Anthropology Journal*
 2013 – current Member, Board of Directors, Human Origins Research and Scholarship Fund
 2015 – 2018 Chair of the Student Programs Committee
 Executive Committee, American Association of Biological Anthropology
 2012 – 2015 Elections Committee, Section H, American Association for the Advancement of Science
 2008 – 2012 Director, Genetics and Evolution of the Skeleton Research Initiative (consortium of UC
 Berkeley, UC San Francisco, UC Davis faculty and other scientists in the Bay Area)
 2007 – 2011 American Association of Biological Anthropologists, student awards judge
 2006 – 2009 Vice President, President, and Past President, American Association of Anthropological
 Genetics
 2005 – 2012 Outreach Committee, American Association of Anthropological Genetics

PROFESSIONAL SOCIETY MEMBERSHIPS

Annually:

American Assoc. for the Advancement of Science
 American Association of Anthropological Genetics
 American Association of Biological Anthropologists
 Dental Anthropology Association
 European Society for the Study of Human Evolution

Episodically:

Human Biology Association
 Society for Integrative and Comparative Biology
 Society for the Study of Evolution
 Society of Vertebrate Paleontology

RESEARCH GRANTS

(Government and non-university grant awards total approximately \$4,500,00 or 4.500.000€)

- 2022 **European Research Council Advanced Grant** (2.252.168€) 2022-2027
Title: Expanding our understanding of human evolution through pleiotropy (Tied2Teeth)
Project 101054659-Tied2Teeth- ERC-2021-ADG
PI: LJ Hlusko
- 2021 **National Science Foundation** (\$585,301) 2021-2024
Title: Disentangling the genetic, biomechanical, and deep-time factors underlying mammalian skeletal diversity
Award Number: 2128146 (Lead PI: Jack Tseng, co-PIs: Leslea Hlusko and Chris Law)
- 2020 **University of California Cancer Research Coordinating Committee** (\$75,000)
Title: Ectodysplasin Receptor in breast density and breast cancer
(Lead PI: Kunxin Luo, co-PI: Leslea Hlusko)
- 2018 **France-Berkeley Fund** (\$11,400)
Title: A new collaboration focused on recently recovered evidence of human evolution from the Omo, Ethiopia (Co-PIs: Leslea Hlusko and Jean-Reneau Boisserie, Centre National de la Recherche Scientifique, France)
- 2017 **National Science Foundation** (\$410,875) 2017-2023
Title: Morphological consequences of hybridization in primate and human evolution: a macaque model
Award Number: 1720128 (Lead PI: Timothy Weaver, University of California Davis; Co-PIs: includes L. Hlusko)
National Science Foundation (\$22,734)
Title: Skeletal morphology of early *Homo sapiens*
Award Number: 1732221 (DDIG, PI: Hlusko, co-PI: M. Brasil)
Leakey Foundation (~\$4,000)
Title: Skeletal Morphology of Early *Homo Sapiens* from Middle Awash, Ethiopia.
PI: Leslea Hlusko, co-PI: M Brasil (for dissertation research)
- 2015 **Palaeontological Scientific Trust (PAST), South Africa** (R 58,800; ~\$5,000)
Developing a Quantitative Approach for Identifying Paleo-Species in the South African Fossil Record of Old World Monkeys (Co-PI with Dominic Stratford, University of Witwatersrand)
- 2013 **Leakey Foundation** (\$12,500)
Title: Curatorial Rescue of Mary Leakey's Excavated Fossils at Olduvai Gorge, Tanzania
(PI: J.K. Njau, Indiana University; co-PI: L. Hlusko)
- 2010 **National Science Foundation** (\$494,904) 2010-2014
Title: Vertebrate Paleontology at Olduvai Gorge, Tanzania
Award Number: 1025263 (PI: L. Hlusko; senior personnel: J.K. Njau)
- 2009 **National Science Foundation** (\$15,000)
Title: *In utero* sources of skeletal variation: the role of maternal prenatal stress
Award Number: 0925788 (DDIG, PI: Hlusko, co-PI: S.K. Amugongo)
National Science Foundation (\$4,875) REU supplement 2009
Title: The Evolution of Modularity in the Dentition of Old World Monkeys
Award Number: 0616308 (PI: L. Hlusko)
- 2008 **National Geographic Society, Waitt Grant** (\$15,000)
Title: Surveying for New Paleoanthropological Sites in Tanzania (Co-PIs: L. Hlusko, J. Njau)
Univ. California, Committee on Research, Faculty Research Grant (\$4,000)
Title: Genetic basis of hairlessness in dogs (project with postdoc J. Moustakas)
- 2007 **Wenner-Gren International Collaborative Research Grant** (\$29,974)
Title: Surveying for New Paleoanthropological Sites in Tanzania (Co-PIs: L. Hlusko, J. Njau)
- 2006 **National Science Foundation** (\$438,633) 2006 - 2010
Title: The Evolution of Modularity in the Dentition of Old World Monkeys

- Award Number: 0616308 (PI: L. Hlusko)
Univ. California, Committee on Research, Junior Faculty Research Grant (\$5,000)
 Title: Paleoanthropological Survey of Tanzania (PI: L. Hlusko)
- 2005 **Univ. California, Committee on Research, Junior Faculty Research Grant** (\$4,000)
 Title: Quantitative Genetic Analysis of the Mouse Skull, part II (PI: L. Hlusko)
National Science Foundation (\$3,500) REU supplement 2005 – 2006
 Title: Investigating Genetic Mechanisms of the Baboon Dentition (PI: L. Hlusko)
- 2004 **Univ. California, Committee on Research, Junior Faculty Research Grant** (\$4,950)
 Title: Quantitative Genetic Analysis of the Mouse Skull, part I (PI: L. Hlusko)
- 2003 **National Science Foundation** (\$15,274)
 Title: Narok Paleontological Survey Project, Award Number: 0327208 (PI: L. Hlusko)
University of Illinois, Urbana-Champaign (\$18,908)
 College of Liberal Arts and Sciences Research Board, **Arnold O. Beckman Award**
 Title: Narok Paleontological Survey Project, Part 2 (PI: L. Hlusko)
- 2002 **National Science Foundation** (\$215,607) 2002 -2006
 Title: Investigating Genetic Mechanisms of the Baboon Dentition
 Award Number: 0130277 and 0500179 (PI: L. Hlusko)
American Association for the Advancement of Science (\$5,000)
 Women's International Science Collaboration (WISC) Program
 PI: L. Hlusko for collaboration with Dr. E. Güleç, Ankara University, Turkey
Leakey Foundation (\$14,128)
 Title: Paleontological Study of a 6 Myr Site in Narok, Kenya (PIs: L. Hlusko and S. Ambrose)
- 2001 **University of Illinois, Urbana-Champaign** (\$18,056)
 College of Liberal Arts and Sciences Research Board (PI: L. Hlusko)
University of Illinois, Urbana-Champaign (\$2,500)
 Center for African Studies (PI: L. Hlusko)
- 2000 **University of Illinois, Urbana-Champaign** (\$20,000)
 College of Liberal Arts and Sciences Research Board (PI: L. Hlusko)
- 1999 **National Science Foundation Dissertation Improvement Grant** (\$12,000)
Research and Graduate Studies Office, Penn State University (\$1,000)
Hill Foundation, Department of Anthropology, Penn State University (\$1,800)

PUBLICATIONS

Under review:

- Law C, **Hlusko LJ**, Tseng J. Long-fuse evolution of carnivoran skeletal phenomes through the Cenozoic. *Proceedings B* in review
- Thiebaut A, Guy F, **Hlusko LJ**, Surault J, Towle I, Redae BE, Boisserie J-R. New insights into the ontogeny of *Paranthropus boisei* offered by a juvenile upper masticatory apparatus from the Shungura formation (Ethiopia). *PaleorXiv* https://osf.io/preprints/paleorxiv/wj7yt_v1 pre-print, in review with *PCI Paleo*
- Modesto-Mata M, Thiebaut A, Krueger KL, Maga M, Joganic J, Cheverud J, **Hlusko LJ**. Easier said than done: unexpected hurdles to preparing for data-collection ~1,000 cranial CT scans from an online digital repository. *PeerJ* in review
- Hlusko LJ**, Guy F, ^{PD}Modesto-Mata M, ^{PD}Martínez de Pinillos González M, Brasil MF, ^{PD}Towle I, ^{GS}Thiebaut A, Boisserie J-R. Taxonomic assignments for the 3.4 Ma to 1.1 Ma hominin postcanine teeth from the Usno Formation and the Shungura Formation, Lower Omo Valley, Ethiopia. Pre-print on PaleorXiv <https://doi.org/10.31233/osf.io/g7kfx>, in review with *PCI Paleo*

Peer-reviewed publications¹

91. Krueger KL, ^{PD}Towle I, Matthews G, Álvarez-Fernández A, **Hlusko LJ**. Tracking molar wear in captive baboons: sex and age effects using a modified Scott scoring system. *American Journal of Biological Anthropology* in press
90. ^{GS}Lepore T, **Hlusko LJ**, Armstrong L, Frank R, Tseng ZJ, Schmitt CA, Rizk O, Baranger A. *In press*. Disability and Accessibility Awareness in Evolutionary Biology College Courses Centered in Universal Design for Learning (UDL). *CBE-Life Sciences Education*
<https://www.lifescied.org/doi/full/10.1187/cbe.24-12-0295>
89. ^{GS}Lepore T, Lu J, Starowicz R, and **Hlusko LJ**. 2025. Student perception of accessibility and disability in college evolutionary biology courses: a qualitative study using reflexive thematic analysis. *International Journal of Inclusive Education* 1-36
<https://doi.org/10.1080/13603116.2025.2481888>
88. ^{PD}Towle I, O'Hara MC, Leece AB, Herries AIR, Adjei A, Guatelli-Steinberg D, ^{PD}Martínez de Pinillos M, ^{PD}Modesto-Mata M, ^{GS}Thiebaut A, ^{PD}Hernando R, Irish JD, Guy F, Boisserie J-R, **Hlusko LJ**. 2025. Enamel pitting may offer novel phylogenetic insight for fossil hominins. *Journal of Human Evolution* in press
87. Law CJ, **Hlusko LJ**, Tseng ZJ. 2025. The carnivoran adaptive landscape reveals trade-offs among functional traits in the skull, appendicular, and axial skeleton. *Integrative Organismal Biology*
<https://doi.org/10.1093/iob/obaf001>
86. Buck LT, Katz DC, Ackermann RR, **Hlusko LJ**, Kanthaswamy S, Weaver TD. 2025. A macaque model for the effects of hybridization on body size. *Am J Biol Anthropol* 186(2):e25062.
<http://doi.org/10.1002/ajpa.25062>
85. Brasil MF, Monson TA, Stratford DJ, **Hlusko LJ**. 2025. A hypothesis-driven approach to species identification in the fossil record: a papionine case study. *Frontiers in Ecology and Evolution*
<https://doi.org/10.3389/fevo.2024.1481903>
84. ^{PD}Towle I, Krueger KL, ^{PD}Hernando R, **Hlusko LJ**. 2024. Assessing tooth wear progression in non-human primates: a longitudinal study using intraoral scanning technology. *PeerJ* 12:e17614
<https://doi.org/10.7717/peerj.17614>
83. ^{PD}Towle I, Lock C, Oxenham M, Krueger KL, Salem AS, ^{PD}Martínez de Pinillos M, ^{PD}Modesto-Mata M, **Hlusko LJ**. 2024. Micro-CT calibration using dental tissue for bone mineral research. *American Journal of Biological Anthropology* 184:324952 <https://doi.org/10.1002/ajpa.24952>
82. ^{PD}Modesto-Mata M, de la Fuente Valentín L, **Hlusko LJ**, ^{PD}Martínez de Pinillos M, Towle I, García-Campos C, Martínón-Torres M, Bermúdez de Castro J. 2024. Artificial neural networks reconstruct missing perikymata in worn teeth. *Anatomical Record* 1-19
<https://doi.org/10.1002/ar.25416>
81. ^{PD}Towle I, Loch C, ^{PD}Martínez de Pinillos M, ^{PD}Modesto-Mata M, **Hlusko LJ**. 2024. Severe enamel defects in wild Japanese macaques. *International Journal of Zoology* Vol 2024:Article ID 8445492 <https://doi.org/10.1155/2024/8445492>
80. Law CJ, **Hlusko LJ**, Tseng ZJ. 2024. Uncovering the mosaic evolution of carnivoran skeletal systems. *Biology Letters* 20230526. <https://doi.org/10.1098/rsbl.2023.0526>
79. ^{PD}Taylor C, Masao F, Njau JK, Songita AV, **Hlusko LJ**. 2024. OH 89: A newly described 1.8 million-year-old hominid clavicle from Olduvai Gorge. *Peer Community Journal*, 4:e34.
<https://peercommunityjournal.org/articles/10.24072/pcjournal.372/>
78. Scott GR, Vlemincq-Mendieta T, Dern L, O'Rourke D, **Hlusko LJ**, Hoffeecker J. 2023. Peopling of the Americas: a new approach to assessing dental morphological variation in Asian and Native American populations. *Am J Biological Anthropology* <https://doi.org/10.1002/ajpa.24878>

¹ Coauthors who were mentored in Hlusko's lab at the time the research was conducted are indicated with superscripts: "PD" for postdoc, "GS" for graduate student or post-UG paid research assistant, and "UG" for undergraduate student.

77. Hoffecker J, Scott E, O'Rourke D, **Hlusko LJ**, Potapova O, Pitulko V, Pavlova E, Bourgeon L, Vachula R. 2023. Beringia and the peopling of the Western Hemisphere. *Proceedings of the Royal Society B* 290:20222246 <https://doi.org/10.1098/rspb.2022.2246>
76. ^{GS}Taylor CE, ^{GS,PD}Brasil MF, Monson TA, ^{GS}Yohler RM, **Hlusko LJ**. 2023. Two recently recovered Late Pleistocene *Cercopithecus* (Cercopithecidae: Primates) fossil assemblages from the Afar Depression of Ethiopia. *American Journal of Biological Anthropology* 180(1):6-47. <https://doi.org/10.1002/ajpa.24637>
75. ^{GS,C}Brasil MF, ^{GS}Taylor CE, ^{GS}Yohler RM, Monson TA, **Hlusko, LJ**. 2023. A fossil assemblage of near-modern *Papio* hamadryas from the Afar Depression of Ethiopia. *American Journal of Biological Anthropology* 180(1):48-76. <https://doi.org/10.1002/ajpa.24634>
74. ^{GS,PD}Brasil MF, Monson RA, ^{GS}Taylor CE, ^{GS}Yohler RM, **Hlusko LJ**. 2023. Hundreds of newly-recovered *Colobus* (Cercopithecidae: Primates) fossils from the Late Pleistocene of the Afar Depression of Ethiopia. *American Journal of Biological Anthropology* 180(1):77-114. <https://doi.org/10.1002/ajpa.24639>
73. Monson TA, Weitz A, Brasil MF, **Hlusko LJ**. 2022. Teeth, prenatal growth rates, and the evolution of human-like pregnancy in later *Homo*. *Proceedings of the National Academy of Sciences USA* 119(41):e2200689119 <https://doi.org/10.1073/pnas.2200689119>
72. Monson TA, Brasil MF, Mahaney MC, Schmitt CA, ^{PD}Taylor CE, **Hlusko LJ**. 2022. Keeping 21st century paleontology grounded: Quantitative genetic analyses and ancestral state reconstruction re-emphasize the essentiality of fossils. *Biology*, 11, 1218. <https://doi.org/10.3390/biology11081218>
71. Font-Porterias N, ^{GS}McNelis MG, Comas D, **Hlusko LJ**. 2022. Evidence of selection in the ectodysplasin pathway among endangered aquatic mammals. *Integrative and Organismal Biology* 4(1):obac018 <https://doi.org/10.1093/iob/obac018>
70. **Hlusko LJ**, ^{GS}McNelis, MG. 2022. Evolutionary adaptation highlights the interconnection of fatty acids, sunlight, inflammation, and epithelial adhesion. *Acta Paediatrica* 111(7):1313-1318. <https://doi.org/10.1111/apa.16358>
69. ^{UG}Takenaka R, ^{UG}Clay SM, ^{UG}Yoo S, **Hlusko LJ**. 2022. Conserved and taxon-specific patterns of phenotypic modularity in the mammalian dentition. *Integrative and Organismal Biology* 4(1):obac017 <https://doi.org/10.1093/iob/obac017>
68. Coletta DK, **Hlusko LJ**, Scott GR, Garcia LA, Vachon CM, Funk JL, Shaibi GQ, Hernandez V, De Felippis E, Mandarino LJ. 2021. Association of *EDARV370A* with breast density and metabolic syndrome in Latinos. *PLoS ONE* 16(10): e0258212. <https://doi.org/10.1371/journal.pone.0258212>
67. Scott GR, O'Rourke DH, Raff JA, Tackney JC, **Hlusko LJ**, Elias SA, Sicoli MA, Bourgeon L, Potapova O, Pavlova E, Pitulko V, Hoffecker JF. 2021. Peopling the Americas: not "Out of Japan". *PaleoAmerica* 7(4), 309-332. <https://doi.org/10.1080/20555563.2021.1940440>
66. Buck LT, Katz DC, Ackermann RR, **Hlusko LJ**, Kanthaswamy S, Weaver TD. 2021. Effects of admixture on pelvic morphology: a macaque model. *Journal of Human Evolution* 159:103049 <https://doi.org/10.1016/j.jhevol.2021.103049>
65. ^{UG}Zuercher ME, ^{GS,PD}Monson TA, ^{UG}Dvoretzky RR, ^{UG}Ravindramurthy S, **Hlusko LJ**. 2021. Dental variation in megabats (Chiroptera: Pteropodidae): tooth metrics correlate with body mass and tooth proportions reflect phylogeny. *Journal of Mammalian Evolution* 28(2):543-558. <https://doi.org/10.1007/s10914-020-09508-7>
64. ^{GS}Brasil MF, ^{GS,PD}Monson TA, ^{PD}Schmitt CA, **Hlusko LJ**. 2020. A genotype:phenotype approach to defining genera in hominid evolution. *Science of Nature (Naturwissenschaften)* 107, article number 40. <https://doi.org/10.1007/s00114-020-01696-9>
63. ^{GS,PD}Monson TA, Boissarie J-R, ^{GS}Brasil MF, ^{UG}Clay S, ^{UG}Dvoretzky R, ^{UG}Ravindramurthy SR, ^{PD}Schmitt CA, Souron A, ^{UG}Takenaka R, Ungar P, ^{UG}Yoo S-W, ^{UG}Zhou M, ^{UG}Zuercher ME, **Hlusko LJ**. 2019. Evidence of strong stabilizing effects on the evolution of boreoeutherian

- (Mammalia) dental proportions. *Ecology and Evolution* 9:7597–7612.
<https://doi.org/10.1002/ece3.5309>
62. ^{GS,PD}Monson TA, ^{UG}Coleman JL, **Hlusko LJ**. 2019. Craniodental allometry, prenatal growth rates, and the evolutionary loss of the third molars in New World Monkeys. *The Anatomical Record* 302(8):1419-1433. doi: 10.1002/ar.23979. <https://doi.org/10.1002/ar.23979>
 61. ^{GS,PD}Monson TA, **Hlusko LJ**. 2018. Breaking the rules: phylogeny, not life history, explains dental eruption sequence in primates. *American Journal of Physical Anthropology* 167(20):217-233. <https://doi.org/10.1002/ajpa.23618>
 60. ^{GS,PD}Monson TA, Armitage D, **Hlusko LJ**. 2018. Using machine learning to classify extant apes and interpret the dental morphology of the chimpanzee-human last common ancestor. *PaleoBios* 35 <https://doi.org/10.5070/P9351040776>
 59. Bibi F, Pante M, Souron A, Stewart K, Varela S, Werdelin L, Boissierie J-R, Fortelious M, **Hlusko LJ**, Njau JK, de la Torre I. 2018. Paleoecology of the Serengeti during the Oldowan-Acheulean transition at Olduvai Gorge, Tanzania: The mammal and fish evidence. *Journal of Human Evolution* 120:48-75. <https://doi.org/10.1016/j.jhevol.2017.10.009>.
 58. ^{GS,PD}Monson TA, ^{GS}Brasil MF, **Hlusko LJ**. 2018. Allometric variation and the relationship between body proportions and elite athletic success. *Journal of Anthropology of Sport and Physical Education* 2(3):3-8. <https://doi.org/10.26773/jaspe.180701>
 57. **Hlusko LJ**. 2018. Recent insights into the evolution of quantitative traits in non-human primates. *Current Opinions in Genetics and Development* 53:15-20. <https://doi.org/10.1016/j.gde.2018.05.014>
 56. **Hlusko LJ**, Carlson JP, Chaplin G, Elias SA, Hoffecker JF, PDHuffman M, Jablonski NG, ^{GS,PD}Monson TA, O'Rourke DH, Pilloud MA, Scott GR. 2018. Evidence of environmental selection on the mother-to-infant transmission of vitamin D and fatty acids during the last ice age in Beringia. *Proceedings of the National Academy of Sciences USA* 115(19): E4426-E4432. <https://doi.org/10.1073/pnas.1711788115>
 55. ^{GS}Monson TA, **Hlusko LJ**. 2018. The evolution of dental eruption sequence in artiodactyls. *Journal of Mammalian Evolution* 25(1):15-26. <https://doi.org/10.1007/s10914-016-9362-9>
 54. **Hlusko LJ**. 2018. Geospatial approaches to hominid paleontology in Africa: What is old, what is new, and what doesn't change. In: *New Geospatial Approaches in Anthropology*, eds R. Anemone and G. Conroy. School for Advanced Research Press, Santa Fe, NM. Pp 39-58. <https://sarweb.org/new-geospatial-approaches/>
 53. ^{GS}Reiner WB, Masao F, Sholts S, Songita A, Stanistreet I, Stollhofen H, Taylor RE, **Hlusko LJ**. 2017. OH 83: A new early modern human fossil cranium from the Ndotu Beds of Olduvai Gorge, Tanzania. *American Journal of Physical Anthropology* 164(3):533-545. <http://doi.org/10.1002/ajpa.23292>
 52. ^{GS}Monson TA, ^{GS}Brasil MF, Stratford D, **Hlusko LJ**. 2017. Patterns of craniofacial variation and taxonomic diversity in the South African Cercopithecidae fossil record. *Palaeontologia Electronica* 20.1.7A: 1-20. <http://doi.org/10.26879/690>
 51. **Hlusko LJ**, Schmitt CA, ^{GS}Monson TA, ^{GS}Brasil MF, Mahaney MC. 2016. The integration of quantitative genetics, paleontology, and neontology reveals genetic underpinnings of primate dental evolution. *Proceedings of the National Academy of Sciences USA* 113(33):9262-7. doi: 10.1073/pnas.1605901113. <https://doi.org/10.1073/pnas.1605901113>
 50. Ungar PS, **Hlusko LJ**. 2016. The evolutionary path of least resistance. *Science* 353(6294):29-30. <https://doi.org/10.1126/science.aaf8398>
 49. ^{GS}Grieco TM, **Hlusko LJ**. 2016. Insight from frogs: *Sonic hedgehog* gene expression and a re-evaluation of the vertebrate odontogenic band. *The Anatomical Record* 299(8):1099-1109. <https://doi.org/10.1002/ar.23378>
 48. **Hlusko LJ**. 2016. Elucidating the evolution of the hominid dentition in the age of phenomics, modularity, and quantitative genetics. *Annals of Anatomy* 203:3-11. <https://doi.org/10.1016/j.aanat.2015.05.001>

47. ^{GS}Monson TA, ^{GS}Brasil MF, **Hlusko LJ**. 2015. Materials collected by the southern branch of the UC Africa Expedition with a report on new Plio-Pleistocene fossil localities. *PaleoBios* 32:1-20, ucmp_paleobios_29407. <https://doi.org/10.5070/P9321029407>
46. **Hlusko LJ**, ^{GS}Reiner WR, Njau JK. 2015. A one-million-year-old hominid distal ulna from Olduvai Gorge, Tanzania. *American Journal of Physical Anthropology* 158(1):36-42. <https://doi.org/10.1002/ajpa.22765>
45. ^{UG}Lainoff AJ, Mousakas JE, Kallonen A, Hämäläinen K, Smith KK, Hu D, Marcucio R, **Hlusko LJ**. 2015. A comparative examination of odontogenic markers in both toothed and toothless amniotes. *Molecular and Developmental Evolution (J. Exp. Zool.)* 324(3):255-69. <https://doi.org/10.1002/jez.b.22594>
44. ^{UG}Morrish KR, **Hlusko LJ**. 2014. Modularity and sexual dimorphism in human metacarpals. *PaleoBios* 31(2):1-20. <https://doi.org/10.5070/P9312024956>
43. ^{GS}Monson T, **Hlusko LJ**. 2014. Identification of a derived dental trait in the Papionini relative to other Old World Monkeys. *American Journal of Physical Anthropology* 155:422-429. <https://doi.org/10.1002/ajpa.22586>
42. ^{GS}Amugongo SK, **Hlusko LJ**. 2014. Impact of maternal prenatal stress on growth of the offspring. *Aging and Disease* 5(1): 1-16. <https://doi.org/10.14336/AD.2014.05001>
41. **Hlusko LJ**, ^{GS}Carlson J, Guatelli-Steinberg D, Krueger KL, ^{GS}Mersey B, Ungar PS, Defleur A. 2013. Neanderthal teeth from Moula-Guercy, Ardèche, France. *American Journal of Physical Anthropology* 151:477-491. <https://doi.org/10.1002/ajpa.22291>
40. ^{GS}Rizk OT, ^{GS}Grieco TM, ^{GS}Holmes MW, **LJ Hlusko**. 2013. Using geometric morphometrics to study the mechanisms that pattern primate dental variation. *Anthropological Perspectives on Tooth Morphology: Genetics, Evolution, Variation*, edited by Dr. G. Richard Scott and Dr. Joel Irish. <https://doi.org/10.1017/CBO9780511984464.007>
39. ^{GS}Grieco TM, ^{GS}OT Rizk, **LJ Hlusko**. 2013. A modular framework characterizes micro- and macroevolution of Old World monkey dentitions. *Evolution* 67(1):241-59. <https://doi.org/10.1111/j.1558-5646.2012.01757.x>
38. Renne PR., Mulcahy SR, Morgan LE, Cassata WS, Kelley SP, **Hlusko LJ**, Njau JK. 2012. Retention of inherited Ar by alkali feldspar xenocrysts in a magma: Kinetic constraints from Ba zoning profiles. *Geochimica et Cosmochimica Acta* 93:129-142. <https://doi.org/10.1016/j.gca.2012.06.029>
37. ^{PD}Moustakas JE, KK Smith, **LJ Hlusko**. 2011. The evolution and development of the mammalian dentition: insights from the marsupial *Monodelphis domestica*. *Developmental Dynamics* 240(1):232-9. <https://doi.org/10.1002/dvdy.22502>
36. **Hlusko LJ**, RD Sage, MC Mahaney. 2011. Modularity in the mammalian dentition: mice and monkeys share a common dental genetic architecture. *Molecular and Developmental Evolution (J. Exp. Zool.)* 316B:21-49. <https://doi.org/10.1002/jez.b.21378>
35. Njau JK, **Hlusko LJ**. 2010. Fine-tuning paleoanthropological reconnaissance using high-resolution satellite imagery: the discovery of 28 new sites in Tanzania. *Journal of Human Evolution* 59:680-684. <https://doi.org/10.1016/j.jhevol.2010.07.014>
34. ^{UG}Koh C, ^{UG}Bates E, ^{UG}Broughton E, ^{UG}Do NT, ^{UG}Fletcher Z, Mahaney MC, and **Hlusko LJ**. 2010. Genetic integration of molar cusp size variation in baboons. *American Journal of Physical Anthropology* 142:246-260. <https://doi.org/10.1002/ajpa.21221>
33. Louchart A, Wesselman H, Blumenschine RJ, **Hlusko LJ**, Njau JK, Black MT, Asnake M, White TD. 2009. Taphonomic, avian, and small vertebrate indicators of *Ardipithecus ramidus* habitat. *Science* 326:66 (66e1-66e4). <https://doi.org/10.1126/science.1175823>
32. **Hlusko LJ**, MC Mahaney. 2009. Quantitative genetics, pleiotropy, and morphological integration in the dentition of *Papio hamadryas*. *Evolutionary Biology* 36(1):5-18. <https://doi.org/10.1007/s11692-008-9048-1>

31. **Hlusko LJ**, Mahaney MC. 2009. Baboon model for dental development. In: The Baboon in Biomedical Research (Developments in Primatology: Progress and Prospects). VandeBerg JL, Williams-Blangero S, Tardif SD (eds), Kluwer Academic, New York.
30. Frost SR, Haile-Selassie Y, and **Hlusko LJ**. 2009. Chapter 6 Cercopithecidae. In: *Ardipithecus kadabba*: Late Miocene Evidence from Middle Awash, Ethiopia (Y. Haile-Selassie, G. WoldeGabriel, eds). University of California Press, Berkeley.
29. Boisserie, J-R, Guy F, Delagnes A, **Hlusko LJ**, Bibi F, Beyene Y, and Guillemot C. 2008. New paleoanthropological research in the Plio-Pleistocene Omo Group, Lower Omo Valley, SNNPR (Southern Nations, Nationalities and People Regions), Ethiopia. *C. R. Palevol* 7:429-439. <https://doi.org/10.1016/j.crpv.2008.07.010>
28. ^{GS}Rizk OT, ^{GS}Amugongo S, Mahaney MC, and **Hlusko LJ**. 2008. The quantitative genetic analysis of primate dental variation: History of the approach and prospects for the future. In: Technique and Application in Dental Anthropology (J.D. Irish & G.C. Nelson, eds). Cambridge Univ Press.
27. Ambrose SH, Bell CJ, Bernor RL, Boisserie JR, Darwent CM, DeGusta D, Deino A, Garcia N, Haile-Selassie Y, Head JJ, Howell FC, Kyule MD, Manthi FK, Mathu EM, Nyamai CM, Saegusa H, Stidham TA, Williams MAJ, and **Hlusko LJ**. 2007. The paleoecology and paleogeographic context of Lemudong'o Locality 1, a late Miocene terrestrial fossil site in southern Kenya. *Kirtlandia* 56: 38-52. <https://www.lesleahlusko.org/wp-content/uploads/2016/04/kirt-56-00-38.pdf>
26. Ambrose SH, Kyule MD, and **Hlusko LJ**. 2007. History of paleontological research in the Narok District of Kenya. *Kirtlandia* 56: 1-37. <https://www.lesleahlusko.org/wp-content/uploads/2016/04/kirt-56-00-1.pdf>
25. Saegusa H and **Hlusko LJ**. 2007. New late Miocene elephantoid (Mammalia: Proboscidea) fossils from Lemudong'o, Kenya. *Kirtlandia* 56: 140-147. <https://www.lesleahlusko.org/wp-content/uploads/2016/04/kirt-56-00-140.pdf>
24. Pickford M and **Hlusko LJ**. 2007. Late Miocene procaviid hyracoids from Lemudong'o, Kenya. *Kirtlandia* 56: 106-111. <https://www.lesleahlusko.org/wp-content/uploads/2016/04/kirt-56-00-106.pdf>
23. **Hlusko LJ** and Haile-Selassie Y. 2007. *Nyanzochoeerus syrticus* (Artiodactyla: Suidae) from the late Miocene of Lemudong'o, Kenya. *Kirtlandia* 56: 152-157. <https://www.lesleahlusko.org/wp-content/uploads/2016/04/kirt-56-00-152.pdf>
22. **Hlusko LJ**. 2007. A new late Miocene species of *Paracolobus* and other Cercopithecoid (Mammalia: Primates) fossils from Lemudong'o, Kenya. *Kirtlandia* 56: 72-85. <https://www.lesleahlusko.org/wp-content/uploads/2016/04/kirt-56-00-72.pdf>
21. **Hlusko LJ**. 2007. Earliest evidence for *Atherurus* and *Xenohystrix* (Hystricidae, Rodentia) in Africa, from the late Miocene site of Lemudong'o, Kenya. *Kirtlandia* 56: 86-91. <https://www.lesleahlusko.org/wp-content/uploads/2016/04/kirt-56-00-86.pdf>
20. **Hlusko LJ**, Haile-Selassie Y, and DeGusta D. 2007. Late Miocene Bovidae (Mammalia, Artiodactyla) from Lemudong'o, Narok District, Kenya. *Kirtlandia* 56: 163-172. <https://www.lesleahlusko.org/wp-content/uploads/2016/04/kirt-56-00-163.pdf>
19. **Hlusko LJ**, ^{UG}Do N, and Mahaney MC. 2007. Genetic correlations between mandibular molar cusp areas in baboons. *American Journal of Physical Anthropology* 132:445-454. <https://doi.org/10.1002/ajpa.20528>
18. **Hlusko LJ** and Mahaney MC. 2007. A multivariate comparison of dental variation in wild and captive populations of baboons (*Papio hamadryas*). *Archives of Oral Biology* 52:195-200. <https://doi.org/10.1016/j.archoralbio.2006.09.008>
17. **Hlusko LJ** and Mahaney MC. 2007. Of mice and monkeys: Quantitative genetic analyses of size variation along the dental arcade. In: Dental Perspectives on Human Evolution: State of the Art Research in Dental Paleoanthropology (S. Bailey and J-J. Hublin, eds.). Springer, Dordrecht, pp. 237-245. <https://link.springer.com/book/10.1007/978-1-4020-5845-5>

16. **Hlusko LJ**, Lease LR, and Mahaney MC. 2006. The evolution of genetically correlated traits: tooth size and body size in baboons. *American Journal of Physical Anthropology* 131:420-427. <https://doi.org/10.1002/ajpa.20435>
15. White TD, WoldeGabriel G, Asfaw B, Ambrose S, Beyene Y, Bernor RL, Boisserie JR, Currie B, Gilbert H, Haile-Selassie Y, Hart WK, **Hlusko LJ**, Howell FC, Kono RT, Louchart A, Lovejoy CO, Renne PR, Saegusa H, Vrba E, Wesselman H, and Suwa G. 2006. Asa Issie, Aramis, and the origin of *Australopithecus*. *Nature* 440:883-889. <https://doi.org/10.1038/nature04629>
14. **Hlusko LJ**. 2006. A new large Pliocene colobine species (Mammalia: Primates) from Asa Issie, Ethiopia. *Geobios* 39:57-69. <https://doi.org/10.1016/j.geobios.2004.09.001>
13. Sherwood RJ, **Hlusko LJ**, Duren DL, Emch VC, and Walker A. 2005. The mandibular symphysis of large-bodied hominoids. *Human Biology* 77(6):735-759. <https://digitalcommons.wayne.edu/humbiol/vol77/iss6/2>
12. Haile-Selassie Y, **Hlusko LJ**, and Howell FC. 2004. A new species of *Plesiogulo* (Mustelidae, Carnivora) from the Late Miocene of Africa. *Palaeontologia Africana* 40:85-88. <http://hdl.handle.net/10539/13323>
11. **Hlusko LJ**, Suwa G, Kono R, and Mahaney MC. 2004. Genetics and the evolution of primate enamel thickness: A baboon model. *American Journal of Physical Anthropology* 124:223-233. <https://doi.org/10.1002/ajpa.10353>
10. **Hlusko LJ**, ^{GS}Maas ML, and Mahaney MC. 2004. Statistical genetics of molar cusp patterning in pedigreed baboons: Implications for primate dental development and evolution. *Molecular and Developmental Evolution (J. Exp. Zool.)* 302B:268-283. <https://doi.org/10.1002/jez.b.21>
9. **Hlusko LJ**. 2004. Protostylid variation in *Australopithecus*. *Journal of Human Evolution* 46: 579-594. <https://doi.org/10.1016/j.jhevol.2004.03.003>
8. **Hlusko LJ**. 2004. Perspective: Integrating the genotype and phenotype in hominid paleontology. *Proceedings of the National Academy of Sciences USA* 101(9): 2653-2657. <https://doi.org/10.1073/pnas.0307678101>
7. **Hlusko LJ**. 2003. The oldest hominid habit? Experimental evidence for toothpicking with grass stalks. *Current Anthropology* 44(5): 738-741. <https://doi.org/10.1086/379263>
6. **Hlusko LJ** and Mahaney MC. 2003. Genetic contributions to expression of the baboon cingular remnant. *Archives of Oral Biology* 48:663-672. [https://doi.org/10.1016/S0003-9969\(03\)00132-8](https://doi.org/10.1016/S0003-9969(03)00132-8)
5. Ambrose SH, **Hlusko LJ**, Kyule D, Deino A, and Williams M. 2003. Lemudong'o: A new 6ma paleontological site near Narok, Kenya Rift Valley. *Journal of Human Evolution* 44:737-742. [https://doi.org/10.1016/S0047-2484\(03\)00059-9](https://doi.org/10.1016/S0047-2484(03)00059-9)
4. **Hlusko LJ**. 2002. Identifying metameric variation in extant hominoid and fossil hominid molars. *American Journal of Physical Anthropology* 118(1):86-97. <https://doi.org/10.1002/ajpa.10051>
3. **Hlusko LJ**. 2002. Expression types for two cercopithecoid dental traits (interconulus and interconulid) and their variation in a modern baboon population. *International Journal of Primatology* 23(6):1309-1318. <https://doi.org/10.1023/A:1021183005732>
2. **Hlusko LJ**, Mahaney MC, and Weiss KM. 2002. A statistical genetic comparison of two techniques for assessing molar crown size in pedigreed baboons. *American Journal of Physical Anthropology* 117(2):182-189. <https://doi.org/10.1002/ajpa.10022>
1. Liu W, **Hlusko LJ**, and Zheng. 2001. Morphometric analysis of hominoid lower molars from Yuanmou of Yunnan Province, China. *Primates* 42(2):123-134. <https://doi.org/10.1007/BF02558139>

Edited volumes

Hlusko LJ (editor & Program Committee Chair). 2022. Program of the 91st Annual Meeting of the American Association of Biological Anthropologists. *American Journal of Biological Anthropology*, vol 177, Issue S73, p.1-209.

Hlusko LJ (editor & Program Committee Chair). 2021. Program of the 90th Annual Meeting of the American Association of Physical Anthropologists. *American Journal of Physical Anthropology*, vol 174, Issue S71, p.1-123.

Hlusko LJ (guest editor). 2007. Compilation of articles describing the 6-million-year-old paleontological site and fauna of Lemudong'o, Kenya. *Kirtlandia* vol 56.

Pre-prints:

Sholts SB, **Hlusko LJ**, Carlson JP, Wärmländer KTS. 2021. Differential taphonomic effects of petroleum seeps and karstic sinkholes on ancient dire wolf teeth: Hydrocarbon impregnation preserves fossils for chemical and histological analysis. *bioRxiv*
<https://doi.org/10.1101/2021.01.04.425345>

Not Peer-reviewed

Hlusko LJ, McNelis MG. 2024. The need to avoid over-simplifications in evolutionary biology (letter to the editor reply). *Acta Paediatrica* DOI: 10.1111/apa.17477

Hlusko LJ. 2023. An open-source pipeline to reconstruct phylogenies with paleoproteomic data. *Peer Community in Paleontology*, 100220. <https://doi.org/10.24072/pci.paleo.100220>

Hlusko LJ. 2023. Contribution in Human: Perspectives on Our Evolution from World Experts, edited by Sergio Almécija, published by Columbia University Press.

Hlusko LJ. 2023. Foreword. *A Companion to Biological Anthropology, Second Edition*. Clark Larsen (Ed). Wiley Blackwell.

Elton S, Adams JW, Arenson JL, Beaudet A, Belmaker M, Harrison T, Jolly CJ, **Hlusko LJ**. 2022. Comment (Case 3847) – Support for proposed conservation of *Simopithecus oswaldi* Andrews, 1916 (currently *Theropithecus oswaldi*; Mammalia, Primates, CERCOPITHECIDAE) by reversal of precedence with *Cynocephalus atlanticus* Thomas, 1884. *Bulletin of Zoological Nomenclature* 79 (15 October 2022) ISSN 2057-0570 (online)

Hlusko LJ. 2022. Lo que supone Atapuerca para mí. *Periódico de Atapuerca*, N#123 Marzo/Abril, p. 24. <http://kiosko.atapuerca.org/>

Hlusko LJ. 2022. Human genomics and divine intervention. In Quest of the Historical Adam Book Symposium. *Sapientia* <https://henrycenter.tiu.edu/2022/01/human-genomics-and-divine-intervention/>

Hlusko LJ. 2020. The moments when I am not a woman, Chapter 15. The Bearded Lady Project: Challenging the Face of Science. LJ Marsh and E Currano (Eds). Columbia University Press, New York, p. 87-88.

Hlusko LJ, Ungar PS. 2019. Alan Cyril Walker. 23 August 1938 - 20 November 2019. *Biographical Memoirs of Fellows of the Royal Society*
<https://royalsocietypublishing.org/doi/10.1098/rsbm.2019.0017>

Hlusko LJ. 2018. Mother's milk holds the key to unlocking an evolutionary mystery from the last ice age. *The Conversation* 26 April <https://theconversation.com/mothers-milk-holds-the-key-to-unlocking-an-evolutionary-mystery-from-the-last-ice-age-95572>

Hlusko LJ. 2008. Book Review. The Ape in the Tree: An Intellectual and Natural History of Proconsul by A. Walker and P. Shipman. *Current Anthropology* 49(2):337-338.

Hlusko LJ. 2006. Book Review: The Human Fossil Record, Volume Four: Craniodental Morphology of Early Hominids (General *Australopithecus*, *Paranthropus*, *Orrorin*), and Overview by J.H. Schwartz and I. Tattersall. *American Journal of Physical Anthropology* 131:148-149.

Howell FC, et al. 2004. *South African Journal of Science* 100:446. (correspondence)

Hlusko LJ. 2003. Book Review: Colbert's Evolution of the Vertebrates by E.H. Colbert, M. Morales, and E.C. Minkoff. *American Journal of Physical Anthropology* 123:97.

Hlusko LJ. 2002. Book Review: Extinct Humans, by I. Tattersall and J.H. Schwartz. *Quarterly Review 2025 of Biology* 77(4): 446-447.

Dissertation

Hlusko LJ. 2000. Identifying the genetic mechanisms of dental variation in cercopithecoid primates. PhD dissertation, The Pennsylvania State University, UMI 9982340.

OPEN-ACCESS AND INTERNET-BASED RESOURCES DEVELOPED:

<https://www.lesleahlusko.org>

Research group website and blog (first published 2005)

<https://www.olduvai-paleo.org>

Comprehensive Olduvai Database Initiative (first published 2012)

<https://demoda.cenieh.es>

Dental Morphology Database (first published 2025)

Introductory Course on Human Biological Variation

Videos: Leslea Hlusko's Fall 2020 online course at the University of California Berkeley, *IB35AC Human Biological Variation* (56 videos)

https://youtube.com/playlist?list=PLYyfCato9XJ21JGBwPn_fpT0mwittneqI

Student Science Communication Project: Hlusko, L., Lepore T., Kloess, P. (2024). Creative Discovery Project: Developing Accurate & Accessible Science Communication. Teach the Earth

<https://serc.carleton.edu/teachearth/activities/287551.html>

Published datasets:

Grieco, Theresa M.; Rizk, Oliver T.; Hlusko, Leslea J. (2012). Data from: A modular framework characterizes micro- and macroevolution of Old World monkey dentitions [Dataset].

Dryad. <https://doi.org/10.5061/dryad.693j8>

Hlusko et al. (2016). The integration of quantitative genetics, paleontology, and neontology reveals genetic underpinnings of primate dental evolution [Dataset]. *PNAS* 113 (33) 9262-9267

https://www.pnas.org/doi/suppl/10.1073/pnas.1605901113/suppl_file/pnas.1605901113.sd01.xlsx

Brasil, Marianne; Taylor, Catherine E.; Monson, Tesla A.; Yohler, Ryan M.; Hlusko, Leslea J. (2022). Later Pleistocene Middle Awash cercopithecids and comparative data [Dataset].

figshare <https://doi.org/10.6084/m9.figshare.21217928.v2>

Hlusko, Leslea; Mahaney, Michael C. (2024). Dental linear metrics from a wild population of baboons

(*Papio cynocephalus*), Kenya [Dataset]. Dryad. <https://doi.org/10.5061/dryad.sj3tx96d6>

Towle, Ian; Loch, Carolina; Martínez de Pinillos, Marina et al. (2024). Data from: Severe enamel

defects in wild Japanese macaques [Dataset]. Dryad. <https://doi.org/10.5061/dryad.6t1g1jx46>

Law, Chris; Hlusko, Leslea; Tseng, Jack (2024). Uncovering the mosaic evolution of the carnivoran

skeletal system [Dataset]. Dryad. <https://doi.org/10.5061/dryad.c2fqz61qf>

Buck L, Katz D, Ackermann R, Hlusko LJ, Kanthaswamy S, Weaver T. 2025. Postcranial skeletal size measurements of hybrid captive Rhesus macaques (*Macaca mulatta*) [Dataset]. Dryad.

<https://doi.org/10.5061/dryad.z8w9ghxq7>

Towle, Ian; O'Hara, Mackie; Leece, Angeline et al. (2025). Uniform, Circular and Shallow (UCS) enamel pitting in hominins: Prevalence, morphological associations, and potential taxonomic

significance [Dataset]. Dryad. <https://doi.org/10.5061/dryad.69p8cz9f9>

CONFERENCES ORGANIZED:

American Association of Biological Anthropologists, Program Committee Chair 2021 and 2022

2021 Online-only program: April 7-28

<https://physanth.org/meetings-and-webinars/past-meetings/90th-annual-meeting-7-10-april-2021-baltimore/>

Number of attendees: approximately 1,000

Number of abstracts: 593 abstracts

Number of scientific sessions: 74

2022 Hybrid program: In-person in Denver (March 23-26) and Online (March 28-April 1)

<https://physanth.org/meetings-and-webinars/past-meetings/annual-meeting-2022/>

Number of attendees: approximately 1,300
Number of abstracts: 770
Number of scientific sessions: Denver = 47, Online = 52

Genetics and Evolution of the Skeleton Research Initiative, 2009-2011

Consortium between UC Berkeley, UC San Francisco, UC Davis, Cal State East Bay, Cal State Chico, and Lawrence Livermore National Lab

Director and Organizer: L. Hlusko

Inaugural symposium

26 March 2009 (70 participants)

2nd symposium

15 December 2009 (90 participants)

3rd symposium

10 September 2010 (130 participants)

4th symposium

15 June 2011 (100 participants)

SYMPOSIA ORGANIZED:

International Congress on Vertebrate Morphology 2016 (July), Washington D.C.

Mechanisms of Whole Dentition Patterning in Extant and Extinct Amniotes

Organizers: J. Richman, L. Hlusko, T. Grieco

Participants: T. Grieco, A. Lainoff, B. Thivichon-Prince, C.-H. Chuong, L. Hlusko, M. Huffman, M. Buchtova, R. Jiang, K. Brink, R. Burroughs, Zhe Xi Luo, A. LeBlanc, J. Whitlock, R. Reisz, P. Marangoni, J. Richman

American Association for the Advancement of Science 2016 (February), Washington D.C.

The Science of Human Evolution in Africa Session 12128, 90 minutes

Organizer: L. Hlusko

Participants: S. Tishkoff, Y. Sahle

American Association of Physical Anthropologists 2014 Calgary, Canada

Monkey Business: Recent Developments on the Evolution of the Old World Monkeys

Organizers: L. Hlusko and Stephen Frost

Participants: M. Nakatsukasa, S. Frost, E. Simons, B. Benefit, C. Gilbert, T. Monson, M. Anderson, N. Jablonski, S. Elton, N. Simons, A. Gosselin-Ildari, K. Turley, L. Gonzales, L. Hlusko, E. Delson, N. Ting

American Anthropological Association, San Francisco, 2012

Integrating our sciences: Crossing the borders of the disciplines

Organizer: Alice B. Kehoe; Chair: Leslea Hlusko

Participants: J. Marks, M. Slatkin, C. Crumley, R. Nielsen, J. Moore

American Association of Physical Anthropologists 2007 Philadelphia, Pennsylvania

Origins, The Genetic Evidence

Organizers: L. Hlusko and L. Havill

Participants: C. Beall, T. Disotell, L. Havill, K.L. Heckman, A. Holden, K. Kawasaki, K.K. Kidd, M. Mahaney, W.J. Murphy, D. O'Rourke, P. Reno, C. Roseman, C. Russo, S. Sholtis, A. Walker, K. Weiss, S. Williams-Blangero, A. Yoder

American Association for the Advancement of Science 2004 Seattle, Washington

Human Evolution at the Crossroads: Integrating Genetics and Paleontology Session 10201

Organizer: L. Hlusko; Participants: C. Chiu, L. Hlusko, H. Poinar, R. Raff, A. Walker, K. Weiss

INVITED ACADEMIC PRESENTATIONS, SYMPOSIA, WORKSHOPS:

2025 Asociación de Antropología Biológica Argentina, 1 Ciclo de Conferencias, April 8

- Talk title: Human Adaptation to the Arctic: A Mystery Unlocked by Teeth*
- 2024** Euro Evo Devo, Invited speaker in the symposium S22 – Mammalian evo-devo: insights from new animal models and evolutionary anthropology. 27 June 2024, Helsinki.
Talk title: Inferring the physiology of the maternal:infant relationship from the evolution of fossilized teeth.
- 2023** Liverpool John Moores University, Research Centre for Evolutionary Anthropology and Palaeoecology
 January 31, Annual Public Lecture
Institute of Arctic and Alpine Research, University of Colorado Boulder
 March 17-19 workshop invited participant
American Association of Biological Anthropologists, April 2023
 Invited speaker in the symposium “Toward a holistic approach - Investigating the genetic underpinnings of phenotypic variation”
Tied Together: Pleiotropic Effects Across the Integument
University of Vienna, speaking in the cross-departmental colloquium on *Evolutionary Systems Biology: The Interaction and Evolution of Organisms*, planned for June 2023
- 2022** Japan Society for the Promotion of Science, December 17th
 Commemorative Symposium in honor of the JSPS Prize in Biology awarded to Tim D. White
Integrating the Phenotype and Genotype in Primate and Human Evolutionary Studies
University of Cambridge, Biological Anthropology Seminar Series, November 23rd
The recently discovered ties between teeth and infants in human evolution
University of Bristol, Palaeobiology Discussion Group, April 22nd
A quantitative genetics perspective on morphology: A new approach to primate paleontology
American Association of Biological Anthropologists, March 28th
 Invited speaker in the symposium “Integumentary Anthropology”
Tied Together: Pleiotropic Effects Across the Integument
Brazilian Society of Genetics, Darwin Day Conference opening talk, online, February 9th
Evolution in the Arctic: How an episode of adaptation presents new hypotheses about human health
- 2021** Evangelical Theological Society annual meeting, November 17th
A scientific response to William Lane Craig's book In Quest of the Historical Adam
International Society for Research on Human Milk and Lactation, August 17th
Evolutionary consideration of vitamin D and fatty acids in breast milk
University of Southern California, Paleosciences Research Seminar Series, January 19, 2021
Discerning the genetic evolutionary history of the mammalian dentition
- 2020** University of Southern California, Mar 24th cancelled due to pandemic
Oklahoma State University School of Medicine, Feb 7th
- 2019** University of California Davis, Department of Anthropology, departmental colloquium speaker, Dec 12th
International Congress on Vertebrate Morphology, Prague, Invited speaker in the symposium: *Natural selection and the evolution of phenotypic integration*
Global leadership in dental anthropological research: A symposium in honor of G. Richard Scott
American Association of Physical Anthropology, Cleveland OH. March 29:
Native American origins: An interdisciplinary critique of current models (coauthors: JF Hoffecker, GR Scott, Dennis O'Rourke, Mark A. Sicoli, Leslea J. Hlusko)
World-wide variation in incisor shoveling reveals evidence of selection in the Beringian Standstill population (coauthors: Leslea J. Hlusko, Joshua P. Carlson, George Chaplin, Scott A. Elias, John F. Hoffecker, Michaela Huffman, Nina G. Jablonski, Tesla A. Monson, Dennis H. O'Rourke, Marin A. Pilloud, Catherine Taylor, George R. Scott)

- Science Foo Camp, July. Googleplex, Mountain View, CA, sponsored by Digital Science, O'Reilly Media, Google, and Nature (invited, could not attend due to overseas research schedule)
- 2018** University of Arizona College of Medicine, Endocrinology Journal Club, Works in Progress colloquium, October 23rd
University of California Davis, Milk Bioactive Research Group, colloquium (June)
Science Foo Camp, June 22-24. Googleplex, Mountain View, CA, sponsored by Digital Science, O'Reilly Media, Google, and Nature (invited participant)
- 2017** SUNY Stony Brook, Department of Ecology and Evolution colloquium (September)
Science Foo Camp, August 4-6. Googleplex, Mountain View, CA, sponsored by Digital Science, O'Reilly Media, Google, and Nature (invited participant)
Institut de Biologia Evolutiva, Unversitat Pompeu Fabra (Barcelona, Spain), 29 May 2017, Women in Evolution (invited speaker)
American Association of Physical Anthropologists, New Orleans, LA. April 2017. Invited speaker in the symposium: *Diversity, variation, and paleoecology: a view of hominin complexity from the middle Pliocene of eastern Africa*. Organized by: Kaye Reed, Denise Su, Amy Rector.
American Association for the Advancement of Science (Boston, MA, February 17-20, 2017) invited speaker in the symposium *Beringia and the Global Dispersal of Modern Humans* organized by GR Scott, D O'Rourke, J Hoffecker
- 2016** American Association for the Advancement of Science, Washington DC, February 2016: One of three speakers in the symposium *The Science of Human Evolution in Africa* organized by L. Hlusko
School for Advanced Research (Santa Fe, NM), Advanced Seminar: *New Geospatial Approaches in Anthropology*, invited participant. March 6-10. Organized by R. Anemone and G. Conroy
American Association of Physical Anthropologists, Atlanta, GA, April. Invited participant in the symposium: *Old Questions, New Approaches and New Solutions: Celebrating the 30th Anniversary of the Dental Anthropology Association* organized by B. Hemphill and H. Edgar
International Congress on Vertebrate Morphology, Washington DC, July. Invited participant in the symposium: *Mechanisms of whole dentition patterning in extant and extinct amniotes* organized by J. Richman, L. Hlusko, T. Grieco
The Ohio State University, Department of Anthropology colloquium (April)
- 2015** Major Transitions in Evolution, Institute for Biotechnology, National Autonomous University of Mexico, March 23-25, 2015. 45 minute lecture, "Integrative genetic and paleoanthropological datasets to elucidate major transitions in human evolution"
University of California San Francisco, Orthopaedic Trauma Institute (July)
University of Witwatersrand, Johannesburg, South Africa, Evolutionary Studies Institute. (June)
- 2014** Institut de Paléontologie Humaine, "Les Hominidés du Pliocène et du Pléistocène inférieur et moyen dans le monde. La place de l'Homme de Tautavel, un *Homo heidelbergensis*, il y à 450 000 ans ", Tautavel, France, 23-27 June. Invited talk on the teeth of the Late and Middle Pleistocene of the Middle Awash, Ethiopia. (Organized by Profs. Henry and Marie Antoinette DeLumley)
University of Chicago, Department of Organismal Biology and Anatomy (October)
The Leakey Foundation Leadership Summit, April 24-25. Ten representatives from various institutions and nonprofit organizations met to explore ways to strengthen synergistic endeavors, including: National Science Foundation, The Wenner Gren Foundation for Anthropological Research, Stone Age Institute, Institute for Human Origins, Human Evolution Research Center (UC Berkeley), and the Leakey Foundation.
- 2013** PaleoCore Database Development Workshop, November 7-8, 2013. National Science Foundation funded workshop hosted at University of Texas, Austin, organizer: Denne Reed. (invited participant)

- Society of Vertebrate Paleontology: Los Angeles, CA, October. Invited poster in the symposium: La Brea and Beyond: the Paleontology of Asphalt-Preserved Biotas, organized by Emily Lindsey, John Harris, and Greg McDonald.
- University of California Berkeley, Genome Super Group seminar (December)
- 2012** Science Foo Camp, August 3-5, 2012. Googleplex, Mountain View, CA, sponsored by Digital Science, O'Reilly Media, Google, and Nature. (invited participant)
L.S.B. Leakey Foundation, *The Female in Evolution*. Moderator for the paleoanthropology session, 28 April, California Academy of Sciences, San Francisco.
- 2011** American Association of Anthropological Genetics: Minneapolis. Invited speaker in the symposium: *Ethical Currents in Anthropological Genetics*, organized by G. Cabana. Abstract published *American Journal of Physical Anthropology* Suppl. 52:164.
- 2010** American Association of Physical Anthropologists: Albuquerque, NM, April. Invited speaker in the symposium: *Anthropological perspectives on tooth morphology: genetics, evolution, variation*, organized by G.R. Scott and J.D. Irish.
- 2009** American Association of Anthropological Genetics: Chicago, Illinois. Invited speaker in the symposium: *Standing at the Crossroads: The genetics of Morphology*, organized by R. Sherwood and D. Duren. Abstract published *American Journal of Physical Anthropology* Suppl. 48:198.
Revealing Hominid Origins Initiative, Cercopithecoid Analytical Working Group, April 17-18, 2009, Penn State University; organized by Nina Jablonski, funded by the National Science Foundation (<http://rhoi.berkeley.edu/>) (PART 3, continuation of project from 2004 and 2007)
University of Illinois at Urbana-Champaign Department of Anthropology
University of California San Francisco School of Dentistry
Penn State University Department of Anthropology
- 2008** American Association of Physical Anthropologists: Columbus, OH, April 9-12. Invited speaker in the symposium: *Patterns and processes of morphological integration in primate and human evolution*. Organizers: C. Rolian and K. Willmore.
International Conference on Transforming the Might of a Century Long Research Output into Development, Addis Ababa, Ethiopia. (January). Hlusko, L.J. & Njau, J.K. Following the Ethiopian Model: Surveying for New Paleoanthropological Sites in Tanzania.
- 2007** 8th International Congress of Vertebrate Morphology: Paris, France, July 16-21. Invited speaker in the symposium: *From nanospheres to cusps: enamel development and its relevance for understanding aspects of palaeontology and evolution (S2.2)*. Organizers: F. Ramirez Rozzi & R. Lacruz
American Association of Physical Anthropologists: Philadelphia, March 27-31. Invited speaker in the symposium: *What's New with Old Monkeys? Systematics, Phylogeny, and Paleobiology of Fossil Cercopithecids*, organized by E. Delson, S. Frost, and N. Jablonski.
Revealing Hominid Origins Initiative, Cercopithecoid Analytical Working Group, March 31, 2007; organized by Nina Jablonski, funded by the National Science Foundation (<http://rhoi.berkeley.edu/>) (PART 2, continuation of project from 2004)
- 2006** American Association of Anthropological Genetics. Anchorage, Alaska. Invited speaker in the symposium: *Genetic Perspectives on Human Evolution and Prehistory*, organized by Dennis H. O'Rourke. Abstract published *American Journal of Physical Anthropology* Suppl. 42:104-105.
 University of California San Francisco School of Dentistry
- 2005** American Association of Anthropological Genetics: Anthropological and Primate Genetics Workshop. Dec 8-10, invited speaker
University of California San Francisco School of Dentistry, Characterization and Modification of Dental Hard Tissues (PPG ERB meeting, July 14, 2005), organized by Sally Marshall and Steve Bayne. NIH NICDR P20 proposal component talk: Exploring the patterning of the dentition through quantitative genetics (L. Hlusko)

- Max-Planck-Institute for Evolutionary Anthropology; May 26-28, Dental Paleoanthropology Conference, invited speaker
University of California San Francisco School of Dentistry
Stanford University, Department of Anthropological Sciences, *Origins* Colloquium (2005)
American Association of Physical Anthropologists: Symposium: Dental anthropology 20 years after: The state of the science, organized by Joel D. Irish.
- 2004** American Association for the Advancement of Science, Seattle, WA, February 2004. (speaker & symposium organizer).
American Association of Anthropological Genetics. Symposium: QTL mapping in biological anthropology, organized by J. Blangero and S. Williams-Blangero. Abstract published *American Journal of Physical Anthropology* Suppl. 38: 141.
Society of Evolutionary Studies, Japan, 6th Annual Meeting. August 5th Symposium: Human Evolution, organized by Toshikazu Hasegawa.
Revealing Hominid Origins Initiative, Cercopithecoid Analytical Working Group, December 2-4, 2004; organized by Nina Jablonski, funded by National Science Foundation (<http://rhoi.berkeley.edu/>) PART 1
University of California Davis, Department of Anthropology
University of Tokyo, Society of Evolutionary Studies, Japan
- 2003** Wright State University, Department of Community Health
University of California Berkeley, Department of Integrative Biology
Southwest Foundation for Biomedical Research, Department of Physiology and Medicine
- 2001** Indiana University, Department of Anthropology

INVITED PUBLIC LECTURES AND SIGNIFICANT PUBLIC OUTREACH:

Jornada de las Investigadores de Castilla y León

3 April 2025, Burgos, Spain

Ponencia Senior, *Los Dientes: Mucho más que Alimentación*

Museo de Evolución Humana, Master Class for STEM Talent Girl

3 December 2022, Burgos, Spain

CENIEH Podcast series: *Diálogos Sapiens – Sapiens Dialogues*

Recorded in October, published 23 de noviembre 2022

The Latest Twists in the study of human teeth: A conversation with Richard G. Scott

https://open.spotify.com/episode/0LntYHPNd2BT5LRa2Skud1?si=neux1v2GQoqLDj1BJ_9QAaw

Centre de Cultura Contemporània de Barcelona (CCCB) and EvoKE BCN 21, November 24, 2021

Sharing notes: Conversation with Leslea Hlusko, Carola Ortiz, and Toni Pou

<https://www.cccb.org/en/multimedia/videos/leslea-hlusko-carola-ortiz-and-toni-pou/237781>

CENIEH Darwin Day Lecture

February 2021

Evolutionary Biology of the Primate Dentition 150 Years After Darwin

<https://youtu.be/LtbQBUxVue0>

The Bearded Lady Project (2020) wrote an essay about my experiences as a woman in field paleontology that is part of the book *The Bearded Lady Project: Challenging the Face of Science* (Edited by LJ Marsh and E Currano, published by Columbia University Press, 2020). Read my essay: <https://vimeo.com/413679812>

Race: The Power of an Illusion (<http://www.racepowerofanillusion.org/>), January 2019, served as one of the Expert Connections as part of the 15th anniversary of the PBS documentary first aired in 2003. <http://www.racepowerofanillusion.org/clips/the-evolution-of-human-biology-genomics-interview-with-leslea-hlusko>

Pixar Studios, Consultant. November 2018.

Pixar University, Speaker. November 2018.

World Economic Forum, Tianjin, China, Tianjin, China, 26-28 June. One of three UC Berkeley faculty speakers in the Berkeley Ideas Lab (June 2016) (pecha kucha presentation: <https://youtu.be/74B3zTx7aBA>)

The Bearded Lady Project, (2015) one of the scientists profiled in this documentary film and photography project aimed at increasing awareness of women who do field work. <http://thebeardedladyproject.com/>

Society of Women Geographers, Berkeley, CA, (November 2015)

Cal Discoveries alumni tour to Tanzania and Rwanda, faculty host & lecturer (Oct 22 - Nov 5, 2015)

City Lights Bookstore, San Francisco, reading from *Rad American Women from A to Z* (2015) <https://youtu.be/BD6GR3tMTxl>

Atheist Community of San Jose (March, 2015) https://youtu.be/u_UqM17se9A

Adler Planetarium, Chicago, full dome public lecture co-sponsored by the Leakey Foundation "Humans Evolving" (October 2014)

National Museum of Ethiopia, public lecture (March 2013)

Osher Lifelong Learning Institute (February 2013)

The Leakey Foundation, Board of Directors meeting (May 2012)

University of California Museum of Paleontology short course, *Think Evolution: A summer institute for science educators* (2011)

The Leakey Foundation, Online interview for *Dig Deeper* YouTube series (2011) <https://youtu.be/xhaEbYhUeto>

Schools of the Sacred Heart, San Francisco (2009) (*Darwin Project*, panelist with Stanley Prusiner, Francisco Ayala, S.J. Coyne, and Peter Hess from NCSE)

East Bay Science Café (2009) public lecture

University of California Museum of Paleontology short course, *Think Evolution: A summer institute for science educators* (2009)

California Academy of Sciences (2008)

University of California Museum of Paleontology short course, *The Implications of Evolution: Evidence and Applications* (2007)

FIELD PROJECTS:

2010 – present **Omo Research Group Expedition** (Ethiopia), primate paleontologist.
Director: Jean-Renaud Boisserie

2006 – present **Tanzanian International Paleoanthropological Research Project** (2006-present)
Olduvai Vertebrate Paleontology Project (2010-present)
co-director with Jackson K. Njau, Indiana University

2001 – 2010 **Narok Paleontological Research Project**, Kenya, lead paleontologist
Co-directors: Stan Ambrose, LJ Hlusko, & Mwanzia D. Kyule

1998 – present **Middle Awash Research Project**, Ethiopia, paleontologist
Directors: Berhane Asfaw, Tim White, & Giday WoldeGabriel

1998 **Johns Hopkins Paleontological Research Expedition**, Big Horn Basin, WY,
paleontologist. Director: Ken Rose

1997 **Allia Bay Site 261-1**, Lake Turkana, Kenya, paleontologist
Directors: Meave Leakey & Alan Walker

MUSEUM / INSTITUTIONAL RESEARCH:

June 2015 Study of primate fossils, **Ditsong Museum**, Pretoria, South Africa

June 2015 Study of primate fossils, Evolutionary Studies Institute, **University of Witwatersrand**, Johannesburg, South Africa

2004-present quantitative genetic analyses of skeletal variation in a pedigreed population of mice housed at the **Museum of Vertebrate Zoology**, University of California, Berkeley
 2004-2018 Study of primate fossils from South Africa, **Museum of Paleontology**, University of California, Berkeley
 2002-2018 Hominoid and cercopithecoid skeletal variation study, **Cleveland Museum of Natural History**
 2001-2006 Lemudong'o and Narok fossil preparation and study, **National Museums of Kenya**
 1998-present Middle Awash fossil preparation and study, **Ethiopian National Museum**, Addis Ababa
 1999-present Living baboons at the **Southwest National Primate Research Center**, Texas Biomedical Research Institute, San Antonio, Texas
 1998 Hominoid dental variation at the **Smithsonian National Museum of Natural History**
 1997 Allia Bay fossil study, **National Museums of Kenya**
 1996-1997 Hominoid mandibular variation in collections housed at the **Cleveland Museum of Natural History** and the **Smithsonian National Museum of Natural History**

REVIEWED FOR:

Acta Odontologica Scandinavica
American Anthropologist
American Journal of Human Biology
American Journal of Biological Anthropology
American Journal of Primatology
American Naturalist
Anatomical Record
 Austrian Academy of Science
BMC Evolutionary Biology
Comptes Rendus Palevol
Current Anthropology
 European Union Marie Curie Fellowship
Evolution
Evolution & Development
Evolutionary Biology
 La Fundación Española para la Ciencia y Tecnología (FECYT)
Fieldiana: Zoology (Field Museum Nat. Hist.)
Folia Primatologica
Genetics
 Graduate Women in Science Fellowships
Historical Biology
Human Biology
Integrative Organismal Biology
International Journal of Primatology

Israel Journal of Ecology and Evolution
 Johns Hopkins University Press
Journal of Anatomy
Journal of Evolutionary Biology
J Experimental Zool (Part B. Mol Dev Evol)
Journal of Human Evolution
Kirtlandia (Cleveland Museum Nat. Hist.)
 L.S.B. Leakey Foundation
Molecular Biology and Evolution
 National Geographic Society Level II grants
 National Science Foundation USA
 Natural Sciences and Engineering Research Council of Canada (NSERC)
Nature
Public Library of Science ONE
Proceedings of the Natl Acad Sci USA
Proceedings of the Royal Soc: Biol Sciences
 Royal Society Dorothy Hodgkin Fellowship
 Springer International Publishing
 U.S. Department of Agriculture ARS, Scientific Quality Review
 Wallenberg Foundation, Sweden
 Wiley and Wiley-Blackwell
Zoomorphology

TEACHING

Courses at the University of California Berkeley (2004-2020):

Integrative Biology 24: Humans Evolving (freshman seminar)
 Integrative Biology 35AC: Human Biological Variation (4-unit, 675 students, non-majors course)
 Integrative Biology 130/Sociology 118: Human Fertility (upper division, 40 students)
 Integrative Biology 263: Genetics and Evolution of the Skeleton (graduate seminar)
 Integrative Biology 265: Advanced Topics in Hominid Paleobiology (graduate seminar)

Integrative Biology 290: Primate Biology Group (graduate seminar)

Courses at the University of Illinois Urbana-Champaign (2000-2004):

Anthropology 102: Human Origins and Culture

Anthropology 141: Race: The Concept in Anthropology

Anthropology 242: History of Human Evolution (taught as 199H, fall 2003)

Anthropology 340: Human Evolution I: Human Paleontology

Anthropology 341: Human Evolution II: Topics in Anthropological Genetics

Anthropology 459: Graduate Seminar in Bioanthropology and Archaeology

TEACHING GRANTS:

2016 **University of California Berkeley** (\$2,980)

Instructional Improvement Grant for course website (PI: L. Hlusko)

2015 **University of California Berkeley, American Cultures Engaged Scholarship Program**

(\$3,000) Funds awarded to develop a community outreach project for IB35ac Human Bio Variation (PI: L. Hlusko)

2012 **University of California Berkeley** (\$2,740)

Instructional Improvement Grant for course materials (PIs: L. Hlusko and T. White)

2012 **University of California Berkeley** (\$3,000)

Instructional Improvement Grant for IntegBio35AC (PI: L. Hlusko)

2008 **University of California Berkeley** (\$3,000)

Classroom Equipment Grant (PIs: L. Hlusko and T. White)

2006 **University of California Berkeley** (\$3,500)

Classroom Technology Grant (PIs: T. White and L. Hlusko)

SUPERVISION and MENTORSHIP:

Employees of the ERC Advanced Grant Tied2Teeth:

Project manager:

Inma Villamartín (November 2022 – present)

Postdoctoral researchers:

Marina Martínez de Pinillos González (November 2022 – present)

Mario Modesto Mata (November 2022 – present)

Ian Towle (November 2022 – June 2024)

PhD student:

Arthur Thiebaut (October 2023 – present)

Technicians:

Ana Álvarez (June 2024 – present)

Beatriz Delgado (June 2024 – present)

Ph.D. Committees:

Chair:

Arthur Thiebaut (Universidad de Burgos)

Committee:

Metasabia Fekadu (Durham University)

Graduate Degree Committee Chair, Past:

Sarah Kigamwa Amugongo

University of California Berkeley, Ph.D. 2010

Title: *In Utero* Sources of Skeletal Variation: The Role of Maternal Prenatal Stress

Current position: Assistant Professor, Dept. of Biology, University of Minnesota

Marianne F. Brasil

University of California Berkeley, Ph.D. 2020

Title: Skeletal Morphology of Early *Homo sapiens* from Middle Awash, Ethiopia

Current position: Assistant Professor, Western Washington University

Theresa M. Grieco

University of California Berkeley, Ph.D. 2013

Title: The Developmental Basis of Variation in Tooth and Jaw Patterning: Evolved Differences in the *Silurana (Xenopus) tropicalis* Dentition

Current position: Scientific Marketing Specialist, STEMCELL Technologies, Vancouver, BC

Peter Kloess

University of California Berkeley, Ph.D. 2023

Title: Evolution and adaptation to edentulous feeding in beaked tetrapods

Current position: Assistant Professor of Biology, Riverside City College

Taormina Lepore

University of California Berkeley, Ph.D. 2024

Title: Investigating indicators of placental mammal birth through dental neonatal lines, and perception of accessibility and disability in university evolutionary biology courses

Current position: Postdoctoral researcher, Mallinson Institute for Science Education, Western Michigan University

Mary-Louise Maas

University of Illinois, M.A. 2004

Current position: Biology/Ecology, Science Teaching Staff, Blacksburg High School, VA

Tesla A. Monson

University of California Berkeley, PhD 2017

Title: On the Sequence of Postcanine Tooth Eruption in Mammals

Current position: Associate Professor of Anthropology, Western Washington University

Whitney B. Reiner

University of California Berkeley, PhD 2017

Title: Cranial Morphology, Variation, and Integration in *Homo sapiens*

Current position: Data Scientist, Los Angeles

Catherine Taylor

University of California Berkeley, Ph.D. 2022

Title: Forelimb and Hindlimb Bone Growth and Development in Human Infants and Children

Current position: student, Veterinary School, Colorado State University

Oliver Torres Rizk

University of California Berkeley, Ph.D. 2012

Title: Insight into the Genetic Basis of Craniofacial Morphological Variation in the Domestic Dog, *Canis familiaris*

Current position: Biology Instructor, Glendale Community College

Postdoctoral Researchers Advised (*current postdoc in my research group):

***Raquel Hernando Santamaria** (Ph.D. University Rovira & Catalan Institute of Human Paleoecology and Social Evolution, IPHES), Tarragona, Spain

Jan 2024-Dec 2025, Juan de la Cierva Fellowship, Topic: microwear in later Pleistocene cercopithecids.

Anne Holden (Ph.D. Cambridge University, U.K.)

2006 – 2007, Topic: Identifying modularity in the dentition of cercopithecoid monkeys

Current position: Science Communications, Zuckerman Mind Brain Behavior Institute, NY

Michaela Huffman (Ph.D. Ohio State University)

2014 – 2016, Topic: Human dental variation
Current position: working outside of academia in marketing research

Jackson K. Njau (Ph.D. Rutgers University)

2009 – 2011, Topic: Paleoanthropological fieldwork in Tanzania
Current position: Associate Professor, Geological Sciences, Indiana University

***Marina Martínez de Pinillos González** (Ph.D. University of Burgos)

2022-2027, Topic: Dental anthropology, ERC-funded postdoc on the Tied2Teeth project

***Mario Modesto Mata** (Ph.D. University of Burgos)

2022-2027, Topic: Quantitative genetic analyses of skeletal variation, ERC-funded postdoc on the Tied2Teeth project

Tesla A. Monson (Ph.D. UC Berkeley)

2017-2018, Topic: Primate craniodental variation
Current position: Associate Professor of Anthropology, Western Washington University

Jacqueline Moustakas (Ph.D. UC Berkeley)

2007 – 2010, Topic: Gene expression in the dental patterning of non-rodent animals
Current position: Research Administration, University of Helsinki

Christopher Schmitt (Ph.D. New York University)

2014 – 2015, Topic: Quantitative genetic analysis of non-human primate phenotypes
Current position: Assistant Professor, Dept. Anthropology, Boston University

Sabrina Sholts (Ph.D. UC Santa Barbara)

2010 – 2012, Topic: Human skeletal variation
Current position: Curator, National Museum of Natural History, Smithsonian Institution

Catherine Taylor (Ph.D. UC Berkeley)

2022-2023, Postdoctoral researcher, Human Evolution Research Center, University of California Berkeley

Current position: student, Veterinary School, Colorado State University

Ian Towle (Ph.D. Liverpool John Moores University)

2023 (February) - 2024 (June), ERC-funded postdoc on the Tied2Teeth project
Current position: Postdoctoral researcher, Monash University

Junior Research Specialists supervised at UC Berkeley (full-time, paid research assistants):

Madeline McNelis (2020-2022)

Alexis Lainoff (2009-2011)

Liz Bates (2006-2009)

Graduate Students, Past Committee Service:

Robin Bernstein (University of Illinois, Ph.D. 2004)

Alyssa Bormann Rowley (University of CA Berkeley, Dept MCB, Ph.D. 2022)

Katie Brakora (University of CA Berkeley, Dept IB, Ph.D. 2012)

Debora Brandt (University of CA Berkeley, Dept IB, Qualifying exam, 2017)

Joshua P. Carlson (University of CA Berkeley, Dept IB, Ph.D. 2017)

Ro Crystal Chaw (University of CA Berkeley, Dept MCB, Ph.D. 2011)

Phillip Cleves (University of CA Berkeley, Dept MCB, prelim. exam 2010; PhD 2015)

Aidan Couzens (Flinders University, Adelaide, Australia; external PhD reviewer, 2017)

Vanessa Flores (University of CA Berkeley, Dept MCB, prelim. exam 2013)

Celina Gilmore (University of California, Dept IB, Advisory committee, 2020-2022)

Randy Irmis (University of CA Berkeley, Dept IB, prelim. exam 2006)

Mariah Hopkins (University of CA Berkeley, Dept ESPM, prelim. exam 2004)

Dorottya Kenessey (University of Nevada Reno, Dept Anthropology, Ph.D. 2024)

Martin Kowalewski (University of Illinois, M.A. 2003)

Aleksey Maro (University of California, Dept IB, Qualifying Exam committee)
Ben Mersey (University of CA Berkeley, Dept IB, prelim. exam 2010)
Tesla Monson (San Francisco State University, Dept ANTH, M.A. 2012)
Mulu Muia (University of Illinois, M.A. 2002)
Vagan Mushegyan (University of CA San Francisco, School of Dentistry, Ph.D. 2015)
Laurent Pallas (Universit e de Poitiers, France, PhD committee, 2020)
Ron Parchem (University of CA Berkeley, Dept MCB, Ph.D. 2008)
Leire Pellejero Lacueva (Facultad de Ciencias Geol gicas, Universidad Complutense de Madrid, M ster, 2023)
Michael Perry (University of CA Berkeley, Dept IB, Ph.D. 2011)
Joshua Pollack (University of CA Berkeley, Dept IB, M.S. 2009)
Armbien Sabillo (University of CA Berkeley, Dept MCB, Ph.D. 2018)
Beat Schwendimann (University of CA Berkeley, Graduate Group in Science and Mathematics Education, Ph.D. 2011)
Petra Őimkov  (University of Vienna, Biology, Ph.D. 2024)
Mario Vargas-Vila (University of CA Berkeley, Dept MCB, Ph.D. 2009)
Ryan Yohler (University of California Berkeley, Dept IB, qualifying exam committee, 2020)
Zixiang Zhang (University of CA Berkeley, Dept IB, Qualifying exam)