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Evolución Humana (CENIEH)
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CURRENT POSITIONS

Research Professor (Investigadora)
National Research Center on Human Evolution (CENIEH), Burgos, Spain
Professor, Department of Integrative Biology
University of California Berkeley, Berkeley, California, USA

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**
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 **The Society of Women Geographers**, elected member
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 – current
Professor, Department of Integrative Biology
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

2022 – 2023 President-Elect, 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 – current 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)
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-PI: Leslea Hlusko)
- 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:

Peer-reviewed¹

73. Monson TA, Weitz A, Brasil MF, **Hlusko LJ**. In press. Teeth, prenatal growth rates, and the evolution of human-like pregnancy in later *Homo*. *Proceedings of the National Academy of Sciences USA*
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>

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, and "UG" for undergraduate student.

71. Font-Porterias N, 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**, McNelis, MG. 2022. Evolutionary adaptation highlights the interconnection of fatty acids, sunlight, inflammation, and epithelial adhesion. *Acta Paediatrica* <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* <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. DOI: 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. *The 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 & Evolution* 9:7597–7612
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.
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.
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, Boissarie 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* 3:3-8.
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.
56. **Hlusko LJ**, Carlson JP, Chaplin G, Elias SA, Hoffecker JF, ^{PD}Huffman 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.
55. ^{GS}Monson TA, **Hlusko LJ**. 2018. The evolution of dental eruption sequence in artiodactyls. *Journal of Mammalian Evolution* 25(1):15-26.

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.
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. 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. 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.
50. Ungar PS, **Hlusko LJ**. 2016. The evolutionary path of least resistance. *Science* 353(6294):29-30.
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* Jun 4. doi: 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.
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. 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.
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. Zoolog.)* 324(3):255-69.
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.
42. ^{GS}Amugongo SK, **Hlusko LJ**. 2014. Impact of maternal prenatal stress on growth of the offspring. *Aging and Disease* 5(1): 1-16.
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.
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.
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.
37. ^{PD}Moustakas JE, KK Smith, **LJ Hlusko**. 2011. The evolution and development of the mammalian dentition: insights from the marsupial *Monodelphis domestica*. *Dev Dynamics* 240(1):232-9.
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. Zoolog.)* 316B:21-49.
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.

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.
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).
32. **Hlusko LJ**, MC Mahaney. 2009. Quantitative genetics, pleiotropy, and morphological integration in the dentition of *Papio hamadryas*. *Evolutionary Biology* 36(1):5-18.
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. Boissarie, 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.
29. 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.
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, Boissarie 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. (LJH is corresponding author)
26. Ambrose SH, Kyule MD, and **Hlusko LJ**. 2007. History of paleontological research in the Narok District of Kenya. *Kirtlandia* 56: 1-37. (LJH is corresponding author)
25. Saegusa H and **Hlusko LJ**. 2007. New late Miocene elephantoid (Mammalia: Proboscidea) fossils from Lemudong'o, Kenya. *Kirtlandia* 56: 140-147.
24. Pickford M and **Hlusko LJ**. 2007. Late Miocene procaviid hyracoids from Lemudong'o, Kenya. *Kirtlandia* 56: 106-111.
23. **Hlusko LJ** and Haile-Selassie Y. 2007. *Nyanzocherus syrticus* (Artiodactyla: Suidae) from the late Miocene of Lemudong'o, Kenya. *Kirtlandia* 56: 152-157.
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.
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.
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.
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.
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.
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.
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.
15. White TD, WoldeGabriel G, Asfaw B, Ambrose S, Beyene Y, Bernor RL, Boissarie 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.
14. **Hlusko LJ**. 2006. A new large Pliocene colobine species (Mammalia: Primates) from Asa Issie, Ethiopia. *Geobios* 39:57-69.
 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.
 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.
 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.
 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.
 9. **Hlusko LJ**. 2004. Protostylid variation in *Australopithecus*. *Journal of Human Evolution* 46: 579-594.
 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.
 7. **Hlusko LJ**. 2003. The oldest hominid habit? Experimental evidence for toothpicking with grass stalks. *Current Anthropology* 44(5): 738-741.
 6. **Hlusko LJ** and Mahaney MC. 2003. Genetic contributions to expression of the baboon cingular remnant. *Archives of Oral Biology* 48:663-672.
 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.
 4. **Hlusko LJ**. 2002. Identifying metamerism variation in extant hominoid and fossil hominid molars. *American Journal of Physical Anthropology* 118(1):86-97.
 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.
 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.
 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.

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, Wärmänder 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**. 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 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.

WEBSITE, ON-LINE DATABASES, and OTHER ONLINE RESOURCES DEVELOPED

www.oulduvai-paleo.org Comprehensive Olduvai Database Initiative

www.lesleahlusko.org Lab website and blog

[YouTube playlist](https://www.youtube.com/playlist?list=PLyyfCato9XJ21JGBwPn_fpT0mwittnegI) Professor Hlusko's course on Human Biological Variation (56 videos, 1,108 views as of 18 July 2022) (https://youtube.com/playlist?list=PLyyfCato9XJ21JGBwPn_fpT0mwittnegI)

CONFERENCES ORGANIZED

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

April 7-28, 2021 Online-only program (due to the pandemic)

<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:

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

2022 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, Universitat 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

- 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/BD6GR3tMTxI>

Atheist Community of San Jose (March, 2015) https://youtu.be/u_UgM17se9A

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 RESEARCH

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

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-present Study of primate fossils from South Africa, **Museum of Paleontology**, University of California, Berkeley

2002-present 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**

REVIEWER FOR:

Acta Odontologica Scandinavica
American Anthropologist
American Journal of Human Biology
American Journal of Physical Anthropology
American Journal of Primatology
American Naturalist
Anatomical Record
Austrian Academy of Science
Biology (MDPI)
BMC Evolutionary Biology
Comptes Rendus Palevol
Current Anthropology
European Union Marie Curie Fellowship
Evolution
Evolution & Development
Evolutionary Biology
Fieldiana: Zoology (Field Museum Nat. Hist.)
Genetics
 Graduate Women in Science Fellowships
Historical Biology
Human 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
 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:

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:

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)

ADVISING: GRADUATE STUDENTS AND POSTDOCTORAL RESEARCHERS

Primary Graduate Advisor, Current:

Peter Kloess

University of California Berkeley, Ph.D. candidate, joined Hlusko lab Aug 2017

Taormina Lepore

University of California Berkeley, graduate student, started 2019

Primary Graduate Advisor, Past:

Sarah Kigamwa Amugongo

University of California Berkeley, Ph.D. 2010

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

Marianne F. Brasil

University of California Berkeley, Ph.D. 2020

Current position: Postdoctoral Researcher, Berkeley Geochronology Center, Berkeley, CA

Theresa M. Grieco

University of California Berkeley, Ph.D. 2013

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

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

Current position: Assistant Professor of Anthropology, Western Washington University

Whitney B. Reiner

University of California Berkeley, PhD 2017

Current position: Data Scientist, Postie, Los Angeles

Catherine Taylor

University of California Berkeley, Ph.D. 2022

Current position: Postdoctoral Researcher, Human Evolution Research Center, Dept. of Integrative Biology, UC Berkeley

Oliver Torres Rizk

University of California Berkeley, Ph.D. 2012

Current position: Biology Instructor, Glendale Community College

Postdoctoral Researchers Advised:

Michaela Huffman (Ph.D. Ohio State University) 2014 – 2016

Topic: Human dental variation

Current position: working outside of academia in marketing research

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

Jackson K. Njau (Ph.D. Rutgers University) 2009 – 2011

Topic: Paleoanthropological fieldwork in Tanzania

Current position: Associate Professor, Geological Sciences, Indiana University

Tesla A. Monson (Ph.D. UC Berkeley) 2017-2018

Topic: Primate craniodental variation

Current position: Postdoctoral researcher, University of Zurich, Switzerland

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

Yonatan Sahle (Ph.D. University of Cape Town, South Africa) 2013 – 2015

Topic: African Paleolithic archaeology

Current position: Senior Lecturer, University of Cape Town

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

Topic: Paleoanthropology

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

Madeline McNelis (2020-2022)

Alexis Lainoff (2009-2011)

Liz Bates (2006-2009)

Graduate Students, Current Committee Service:

Celina Gilmore (University of California, Dept IB, PhD committee)

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)

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

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

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 (Universite de Poitiers, France, PhD committee, 2020)
Ron Parchem (University of CA Berkeley, Dept MCB, Ph.D. 2008)
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)
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)