

Curriculum Vitae: Leslea J. Hlusko

University of California
Department of Integrative Biology
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POSITION

Associate Professor, Department of Integrative Biology
Associate Faculty Curator, Museum of Paleontology
Associate Researcher, Museum of Vertebrate Zoology
University of California at Berkeley

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

2006 **Hellman Faculty Award**, University of California Berkeley
2003 **Arnold O. Beckman Research Award**, University of Illinois Research Board
2003 **Incomplete List of Teachers Ranked as Excellent**, fall semester, University of Illinois
2000 **Sherwood L. Washburn Prize**, American Association of Physical Anthropologists
1999 **Mildred Trotter Prize**, American Association of Physical Anthropologists
1997-2000 **National Science Foundation Graduate Fellowship**
1998 **Matson-Benson Award**, Penn State University Anthropology Museum
1996-1997 **Grahams Fellow**, Penn State University

ACADEMIC EMPLOYMENT

2008 – Associate Professor, Department of Integrative Biology
Associate Faculty Curator, Museum of Paleontology
Associate Researcher, Museum of Vertebrate Zoology
University of California, Berkeley

2004 – 2008 Assistant Professor, Department of Integrative Biology
Assistant Faculty Curator, Museum of Paleontology
Assistant Researcher, Museum of Vertebrate Zoology
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 Paleoanthropol, George Washington University, Herndon, VA
- 1992 Archaeological field crew, Octagon House, Am. Institute of Architects, Washington DC

PROFESSIONAL SERVICE POSITIONS

- 2006 – 2009 Vice President, President, and Past President,
American Association of Anthropological Genetics
- 2005 – pres Outreach Committee, American Association of Anthropological Genetics
- 2007 – pres American Association of Physical Anthropologists, student prize committee

RESEARCH AFFILIATIONS

- 2005 – pres Research Associate, Cleveland Museum of Natural History
- 2000 – pres Kenyan National Museums

PROFESSIONAL SOCIETY MEMBERSHIPS

American Association for the Advancement of Science, American Association of Anthropological Genetics, American Association of Physical Anthropologists, Dental Anthropology Association, Society for Integrative and Comparative Biology, Society of Vertebrate Paleontology

RESEARCH GRANTS

- 2008 **National Geographic Society, Waitt Grant** (\$15,000)
Title: Surveying for New Paleoanthropological Sites in Tanzania (Co-PIs: L. Hlusko, J. Njau)
- 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** (\$302,000) September 2006 - 2010
Title: The Evolution of Modularity in the Dentition of Old World Monkeys (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, Part 1 (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** (\$198,916) March 2002 -2006
 Title: Investigating Genetic Mechanisms of the Baboon Dentition (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
- L.S.B. 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** (\$2,000)
 Faculty Travel Fund for International Travel (PI: L. Hlusko)
- 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-reviewed

30. Rizk OT, 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 and G.C. Nelson, eds). Cambridge University Press. PEER REVIEWED. (ISBN-13:9780521870610).
29. **Hlusko LJ** and Mahaney MC. 2008. 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) The Baboon in Biomedical Research. Developments in Primatology: Progress and Prospects. Kluwer Academic, New York. PEER REVIEWED.
28. Frost SR, Haile-Selassie Y, and **Hlusko LJ**. In press. Chapter 6 Cercopithecidae. In: *Ardipithecus kadabba: Late Miocene Evidence from Middle Awash, Ethiopia* (Y. Haile-Selassie, G WoldeGabriel eds). University of California Press, Berkeley.
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, Pickford M, Saegusa H, Stidham TA, Williams MAJ, and **Hlusko LJ**. 2007. The Paleocology 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. *Nyanzochouer* *syrcticus* (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**, 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, 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.
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**, 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 metameric 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.

Not Peer-reviewed

- 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.

Abstracts for Meetings Presentations

- Hlusko LJ** and MC Mahaney. 2008. Quantitative genetics, pleiotropy, and morphological integration in the primate dentition. *American Journal of Physical Anthropology* Suppl. 46:118.
- Hlusko LJ**. 2007. Fossil colobines from Asa Issie, Ethiopia and Lemudong'o, Kenya. *American Journal of Physical Anthropology* Suppl. 44:130.
- Frost SR, Haile-Selassie Y and **Hlusko LJ**. 2007. Late Miocene Cercopithecidae from the Middle Awash, Afar, Ethiopia. *American Journal of Physical Anthropology* Suppl. 44:111

- Rizk OT and **Hlusko LJ**. 2007. Evidence for modularity in the cranium: quantitative genetic analysis of a pedigreed mouse population. *American Journal of Physical Anthropology* Suppl. 44:200
- Hlusko LJ**, Mahaney MC. 2006. Quantitative genetics as a tool for investigating the genetic architecture of dental variation. *Symposium: Integrating Evolution, Development, & Genomics*, sponsored by the Center for Integrative Genomics, Depts. of Molecular and Cell Biology and Integrative Biology, Univ. California, Berkeley. May 31-June 2, 2006.
- Hlusko LJ**. 2006. Quantitative and developmental genetic approaches to morphological evolution. *American Journal of Physical Anthropology* Suppl. 42:104-105.
- Do NK, Mahaney MC, and **Hlusko LJ**. 2006. The genetic architecture of 2-D molar cusp areas in baboons: implications for hominid evolution. *American Journal of Physical Anthropology* Suppl. 42:83-84.
- Hlusko LJ** and Mahaney MC. 2005. Conceptualizing dental characters: Implications from baboon quantitative genetic analyses. *American Journal of Physical Anthropology* Suppl. 40:120
- Lease LR, **Hlusko LJ**, Cox LA, Rogers J, Mahaney MC. 2005. Genetic influences on dental variation in pedigreed baboons: QTLs influencing normal variation in second molar crown size and shape. *American Journal of Physical Anthropology* Suppl.40 :140
- Mahaney MC, JW Kent, Jr, LR Lease, **LJ Hlusko**. 2005. X-linked loci influence morphological variation on molar crowns in pedigreed baboons. *American Journal of Physical Anthropology* Suppl. 40:146
- Mahaney MC, **Hlusko LJ**, Rogers J, Cox LA, Weiss K. 2004. QTL mapping in biological anthropology: Dental traits in pedigreed baboons. *American Journal of Physical Anthropology* Suppl. 38: 141.
- Hlusko LJ** and Mahaney MC. 2004. Identifying pleiotropy in hominid dental evolution: results from a baboon model. *American Journal of Physical Anthropology* Suppl. 38: 114.
- Hlusko LJ** and Maas ML. 2003. The relationship between size and shape in baboon molars. *American Journal of Physical Anthropology* Suppl 36:115.
- Hlusko LJ**, Ambrose SH, Bernor R, Stidham T, and Deino A. 2003. Lemudong'o, a late Miocene mammalian-dominant locality in southern Kenya. *Journal of Vertebrate Paleontology* 22(3) Suppl., 65A-66A.
- Hlusko LJ** and G Suwa. 2002. Measuring enamel thickness in papionins. *American Journal of Physical Anthropology* Suppl 34:85-86.
- Ambrose SH, **Hlusko LJ**, Kyule MD, Deino A, and MAJ Williams. 2002. Lemudong'o: A late Miocene fossil site in southern Kenya. *American Journal of Physical Anthropology* Suppl 34:37.
- Hlusko LJ** and MC Mahaney. 2000. The genetics of expression of two dental traits in baboons. *American Journal of Physical Anthropology* Suppl 30:180.
- Liu W, **Hlusko LJ**, and Zheng L. 2000. Morphometric analysis of hominoid lower molars found in Yuanmou of Yunnan Province, China. *American Journal of Physical Anthropology* Suppl 30:212.
- Hlusko LJ**. 1999. Shape Analysis of *Australopithecus* Molars from Sterkfontein, South Africa. *American Journal of Physical Anthropology* Suppl 28:154.
- Hlusko LJ**. 1998. Euclidean Distance Matrix Analysis of Early *Australopithecus* Molars. International Association for the Study of Human Palaeontology, Sun City, South Africa.
- Sherwood RJ, VC Emsch, **LJ Hlusko**, and A Walker. 1997. The mandibular symphysis of *Australopithecus*. *Journal of Human Evolution* 32(4):A19-20.

SYMPOSIA ORGANIZED

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

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

INVITED SYMPOSIA/WORKSHOP PRESENTATIONS

- 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.
- 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. Title of presentation: Fossil colobines from Asa Issie, Ethiopia, and Lemudong'o, Kenya
- 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. Title of presentation: Quantitative and developmental genetic approaches to morphological evolution. Abstract published *American Journal of Physical Anthropology* Suppl. 42:104-105.
- 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
- American Association of Physical Anthropologists: Symposium: Dental anthropology 20 years after: The state of the science, organized by Joel D. Irish. Title of presentation: Conceptualizing

dental characters: Implications from baboon quantitative genetic analyses, co-authored with MC Mahaney.

2004 American Association for the Advancement of Science, Seattle, WA, February 2004. (speaker & symposium organizer). Title of presentation: Variation along species lineages: Quantitative genetics and fossils. Symposium: Hominid Evolution at the Crossroads: Integrative Genetics and Paleontology.

American Association of Anthropological Genetics. Symposium: QTL mapping in biological anthropology, organized by J. Blangero and S. Williams-Blangero. Title of presentation: Dental traits in pedigreed baboons, co-authored with: Mahaney MC, Rogers J, Cox LA, and Weiss K. 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. Title of presentation: Integrating the genotype and phenotype in hominid evolution.

Revealing Hominid Origins Initiative, Cercopithecoid Analytical Working Group, December 2-4, 2004; organized by Nina Jablonski, funded by the National Science Foundation (<http://rhoi.berkeley.edu/>) PART 1

FIELD RESEARCH

- 2006 – present **Tanzanian International Paleoanthropological Research Project**, co-director with Jackson Njau, National Natural History Museum, Arusha, Tanzania
- 2001 – 2007 **Narok Paleontological Research Project**, Kenya, lead paleontologist
- 1998 – present **Middle Awash Research Project**, Ethiopia, paleontologist
- 1998 **Johns Hopkins Paleontological Research Expedition**, Big Horn Basin, WY, paleontologist
- 1997 **Allia Bay Site 261-1**, Lake Turkana, Kenya, paleontologist

MUSEUM / INSTITUTIONAL RESEARCH

- 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**, Southwest Foundation for Biomedical Research, 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**

ADDITIONAL TRAINING

- 1998 **American Association of Anthropological Genetics**
Workshop participant, Anthropological Genetics, held at the Southwest Foundation for Biomedical Research (November)
- 1996 **Iowa State University Geology Field School**
Big Horn Basin, WY
- 1991 **Koobi Fora Field School**, Sibilot National Park, Kenya
National Museums of Kenya and Harvard University

REVIEWER

American Journal of Physical Anthropology
American Journal of Primatology
Current Anthropology
Fieldiana: Zoology (Field Museum of Natural History)
Human Biology
Journal of Anatomy
Journal of Experimental Zoology (Part B. Molecular and Developmental Evolution)
Journal of Human Evolution
Kirtlandia (Cleveland Museum of Natural History)
L.S.B. Leakey Foundation
Molecular Biology and Evolution
National Science Foundation
Nature
Public Library of Science
Proceedings of the National Academy of Sciences USA
Proceedings of the Royal Society: Biological Sciences

TEACHING

Courses at the University of California, Berkeley

Integrative Biology 24: Humans Evolving (freshman seminar)
Integrative Biology 35AC: Human Biological Variation
Integrative Biology 263: Genetics and Evolution of the Skeleton
Integrative Biology 290: Primate Biology Group

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:

- 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)

INVITED LECTURES

California Academy of Sciences (2008)
Indiana University, Department of Anthropology (2001)
Southwest Foundation for Biomedical Research, Dept of Physiology and Medicine (2003)
Stanford University, Department of Anthropological Sciences, *Origins* Colloquium (2005)
University of California at Berkeley, Department of Integrative Biology (2003)
University of California at Davis, Department of Anthropology (2004)
University of California Museum of Paleontology short course, *The Implications of Evolution: Evidence and Applications* (2007)
University of California, San Francisco, School of Dentistry (2005, 2006)
University of Illinois at Urbana-Champaign
Center for African Studies (2001)
Program in Ecology and Evolutionary Biology (2001)
University of Tokyo, Society of Evolutionary Studies, Japan (2004)
Wright State University School of Medicine, Department of Community Health (2003)

OTHER WORK EXPERIENCE

1994 – 1995 **National Geographic Magazine**, Washington, DC, Illustrations Assistant
1993 – 1994 **Storch & Brenner, Attorneys at Law**, Washington, DC, Clerk/Paralegal

ADVISING: GRADUATE STUDENTS AND POSTDOCTORAL RESEARCHERS

Primary Graduate Advisor:

Sarah Kigamwa Amugongo (University of California, Ph.D. candidate, started 2005)
Theresa Grieco (University of California, Ph.D. candidate, started 2006)
Mary-Louise Maas (University of Illinois, M.A. 2004)
Sarah Moon (University of California, graduate student, started 2008)
Oliver Torres Rizk (University of California, Ph.D. candidate, started 2005)

Post Doctoral Researchers:

Anne Holden (Ph.D. Cambridge University, U.K.) 2006 – 2007
Topic: Identifying modularity in the dentition of Old World Monkeys
Jacqueline Moustakas (Ph.D. Univ. of CA Berkeley) 2007 – present
Topic: Gene expression in the dental patterning of non-rodent animals

Serve(d) on Committee:

Robin Bernstein (University of Illinois, Ph.D. 2004)
Kyle Brudvik (University of CA, Berkeley, Dept IB, prelim. exam committee 2006)
Katie Brakora (University of CA, Berkeley, Dept IB, Ph.D. committee, in progress)
Laurel Buchanan (University of Illinois, Ph.D. committee, in progress)
Randy Irmis (University of CA, Berkeley, Dept IB, prelim. exam committee 2006)
Mariah Hopkins (University of CA, Berkeley, Dept ESPM, prelim. exam committee 2004)
Martin Kowalewski (University of Illinois, M.A. 2003)
Mulu Muia (University of Illinois, M.A. 2002)
Ron Parchem (University of CA, Berkeley, Dept MCB, Ph.D. 2008)
Michael Perry (University of CA, Berkeley, Dept IB, prelim. exam committee 2008)
Joshua Pollack (University of CA, Berkeley, Dept IB, Ph.D. committee, in progress)
Andrew Ritchie (University of CA, Berkeley, Dept ESPM, Ph.D. committee, in progress)
Mario Vargas-Vila (University of CA, Berkeley, Dept MCB, Ph.D. committee, in progress)