

*Curriculum vitae*  
**JOHN D. KINGSTON**

*Department of Anthropology  
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**EDUCATION**

- 1992 **Ph.D.** Harvard University, Department of Biological Anthropology  
1988 **A.M.** Harvard University, Department of Biological Anthropology  
1985 **M.S.** University of California, Berkeley, Department of Geology  
1980 **B.S.** University of California, Los Angeles, Department of Geology

**ACADEMIC POSITIONS**

- 2006-Present **Associate Professor**  
Emory University, Dept. of Anthropology  
2000-2006 **Assistant Professor**  
Emory University, Dept. of Anthropology  
1995-2000 **Research Affiliate**  
Yale University, Department of Anthropology  
1995-2000 **Research Associate**, Yale University, Department of Geology and  
Geophysics  
1993-2000 **Curatorial Associate**, Peabody Museum, Yale University  
1995-2000 **Supervisor**, Stable Isotopic Facilities, Yale University Dept. of  
Geology and Geophysics  
1992-1995 **Post Doctoral Associate**, Yale University, Dept. of Anthropology  
1988-1992 **Museum archeologist** - Peabody Museum, Harvard University.  
1987-1991 **Teaching Fellow** – Harvard University, Depts. of Anthropology and  
Geology,  
1987-1988 **Paleodietary Lab technician** - Harvard University, Dept. of  
Anthropology,  
1982-1983 **Teaching Assistant** - U.C. Berkeley, Department of Geology  
1980-1985 **Research Scientist** - U.S. Geological Survey

**RESEARCH GRANTS AND FELLOWSHIPS**

- 2007 *NSF Physical Anthropology Program* – P.I. Collaborative Research:  
Human Evolution, Rift Valley Environments, and Orbitally Forced  
Climate Change, \$101,493 (2007-2010).  
2002 *Quadrangle Research Fund, Graduate School of Arts and Sciences,*  
*Emory University* – Interdisciplinary research seminar on the  
evolutionary ecology of human diet and life history, \$10,000

- 2002 *University Research Committee* (Emory University) Evaluating human evolutionary innovations as an adaptive response to short term climatic fluctuations, \$21,190
- 2002 *UTC Fund* (Emory University) Upgrade and update of the Anthropological Skeletal Cast Collection, \$10,000
- 2001 *National Geographic Society* (Committee for Research and Exploration) - Rukwa Paleontological Project, Tanzania, \$18,000
- 2001 *NSF Physical Anthropology Program* (High Risk Exploratory Research Grant) Paleontological Survey of the Lake Rukwa Basin, Tanzania, \$20,000
- 1995-1999 Research Associate, Yale University funded by NSF
- 1992-1995 Postdoctoral Associate, Yale University funded by NSF
- 1992 Mellon Foundation Grant
- 1990 NSF Dissertation Improvement Grant
- 1990 L.B.S. Leakey Foundation Grant, Oakland, California
- 1990 Geological Society of America
- 1990 Bill Bishop Memorial Trust
- 1990 Boise Fund, Oxford University, England
- 1990 Sigma Xi, New Haven, Connecticut
- 1990 Wenner-Gren Foundation, New York, N.Y.
- 1989-1990 Geological Society of America
- 1988 Teschmacher Fund - Harvard University, Cambridge, Massachusetts

### **MAJOR RESEARCH INTERESTS**

Human Evolution  
 Ecological context of human evolution  
 Paleoecology  
 Hominid Biogeography  
 Evolutionary theory  
 Application of stable isotopic analyses for dietary and environmental reconstructions,  
 Miocene hominoids  
 Vertebrate paleontology  
 East African ecology

### **FIELD RESEARCH EXPERIENCE**

- KENYA:** *Baringo Paleontological Research Project.* Reconstruction of late Miocene and Pliocene hominoid/hominid paleoenvironments. 1988, 1989, 1990, 1993, 1994, 1995, 1997, 1999, 2003, 2004, 2008
- UGANDA:** *Paleontological Investigations at Kikorongo Crater and Kazinga Channel Region,* Albertine Rift Valley. 2006
- KENYA:** *Paleoecology and Geologic context of only Chimpanzee Fossils,* Baringo Basin, Central Kenyan Rift Valley. 2006

- TANZANIA:** *Eyasi Plateau Paleontological Research Project.* Investigation of the paleontology of hominid sites in the Laetoli Area, 2000, 2004.
- KENYA:** *Archeology and Paleoenvironments of the Kapthurin Formation,* Establishment of the ecological and stratigraphic context of middle Pleistocene archeological sites. 1993, 1994, 1995, 1997, 1999, 2004.
- UGANDA:** *Paleontological Reconnaissance of Napak/Bukwa.* Prospecting early Miocene sites of the Napak volcanic edifice and Mt. Elgon. 1998, 2003, 2007
- TANZANIA:** *Rukwa Paleontological Survey,* Reconnaissance of the Rukwa Trough portion of the East African Rift Valley for late Miocene/Pliocene hominoid/hominid fossil localities, 2001.
- NORTH AMERICA:** *Early primate reconnaissance, Montana.* Reconnoiter Early Paleocene to Eocene terrestrial sediments in the western Crazy Mountains to prospect potential early primate sites. 1997.
- UGANDA:** *Moroto Paleontological Project.* Establishing environmental, stratigraphic, and geochronologic context for hominoid fossil specimens. 1995, 2007.
- KENYA:** *Kanam/Kanjera Paleontological and Archeological Survey.* Developing a stratigraphic and environmental context for fossils and artifacts. 1994.
- ABU DHABI:** *Neogene paleontology of the Baynunah Formation.* Vertebrate paleontology and paleoecology of late Miocene sediments exposed at Jebal Barakah and Jebal Dhanna 1992.
- KENYA:** *Paleoanthropology of the Simbi site.* Paleoenvironmental and paleodietary reconstructions of late middle Pleistocene archeological horizons. 1989,1990.
- PAKISTAN:** *Siwalik Paleontologic Research Project.* Survey and establish microenvironmental context of vertebrate fossil localities in the Miocene Siwalik sediments. 1988.
- NORTH AMERICA:** *Shasta/Redding Geologic Compilation* Paleoenvironmental and paleogeographic reconstruction of an accreted Paleozoic-Mesozoic volcanic arc complex sequence, Shasta Co., California. Research resulted in MS thesis. 1982-1985.

## **PUBLICATIONS**

- Plummer, T., Bishop, L., Ditchfield, P., Ferraro, J., **Kingston, J.D.**, Hertel, F. and Braun, D. (in press) The environmental context of Oldowan hominin activities at Kanjera South, Kenya. **in** V. Hovers & D. Braun (eds.), Multidisciplinary Approaches for Understanding the Oldowan, Springer's Vertebrate Paleobiology and Paleoanthropology Book Series, Eric Delson & Ross MacPhee (Series eds.). pp. 149-160

- Turner, B.L., Kamenov, G.D., **Kingston, J.D.**, and Armelagos, G.J. (in press) Insights into Immigration and Social Class at Machu Picchu, Peru. based on oxygen, strontium and lead isotopic analysis. *Journal of Archaeological Science*.
- Harper, K.N., Zuckerman, M.K., Harper, M.L., **Kingston, J.D.**, and Armelagos, G.J. (in review) The Origin and Antiquity of Syphilis Revisited: An Appraisal of Old World Pre-Columbian Evidence for Treponemal Infection. *Current Anthropology*
- Kingston, J.D.** (2007) Shifting Adaptive Landscapes: Progress and Challenges in Reconstructing Early Hominid Environments. *Yearbook of Physical Anthropology* 50:20-58.
- Carlson, B. and **Kingston, J.D.**, (2007) Docosahexaenoic Acid Biosynthesis and Dietary Contingency: Encephalization Without Aquatic Constraint. *American Journal of Human Biology* 19:585-588.
- Kingston, J.D.**, Deino, A., Hill, A. and Edgar, R. (2007). Astronomically forced climate change in the Kenyan Rift Valley 2.7-2.55 Ma: Implications for the evolution of early hominin ecosystems. *Journal of Human Evolution* 53(5): 487-503.
- Kingston, J.D.** and Harrison, T. (2007) Isotopic dietary reconstructions of Pliocene herbivores at Laetoli: Implications for early hominin evolution. *Palaeogeography, Palaeoecology and Palaeoclimatology* 243:272-306.
- Carlson, B. and **Kingston, J.D.**, (2007) DHA, the aquatic diet, and hominin encephalization: Difficulties in establishing evolutionary links. *American Journal of Human Biology* 19:132-141.
- Turner, B.L., Edwards, J.L., Quinn, E.A., **Kingston, J.D.**, Van Gerven, D.P. (2007) Age-related variation in isotopic indicators of diet at medieval Kulubnarti, Sudanese Nubia. *International Journal of Osteoarchaeology* 17:1-25.
- Deino, A., **Kingston, J.D.**, Glenn, J., Hill, A., and Edgar, R. (2006) Precessional forcing of lacustrine sedimentation in the late Cenozoic Chemeron Basin, Central Kenya Rift, and calibration of the Gauss/Matuyama boundary. *Earth and Planetary Science Letters* 247:41-60.
- Bishop, L.C., Plummer, T.W., Ferraro, J.V., Braun, D., Ditchfield, P. W., Hertel, F. **Kingston, J.D.**, Hicks, J. and R. Potts (2006) Recent research into Oldowan hominin activities at Kanjera South, Western Kenya. *African Archaeological Review* 23(1-2): 31-40.
- Kingston, J.D.** (2005) Orbital controls on seasonality in Brockman, D.K. & van Schaik, C.P. (eds) *Seasonality in Primates: Studies of living and extinct human and non-human Primates*. Cambridge: Cambridge University Press. pp. 519-542.
- Turner, B.L., **Kingston, J.D.**, and Milanich, J. (2005) Isotopic Evidence of Lifelong Status during the Weeden Island and Suwanee Valley Periods in North Florida. *Southeastern Archaeology* 24(2): 121-136.

- Kingston, J.D.** and Hill, A. (2005) When it rains it pours: legends and truths of East African Pluvials **in** Lieberman, D., Smith, R., and Kelley, J. (eds), *Interpreting the Past: Essays on Human, Primate and Mammal Evolution. American School of Prehistoric Research Monograph Series, 5*. Hague: Brill Academic Publishers. pp. 189-205.
- Kingston, J.D.**, Jacobs, B. F., Hill, A. & Deino, A. L. (2002). Stratigraphy, age and environments of the late Miocene Mpesida Beds, Tugen Hills, Kenya. *Journal of Human* **42**, 95-116.
- Behrensmeyer, A. K., Deino, A. L., Hill, A., **Kingston, J.D.** & Saunders, J. J. (2002). Geology and geochronology of the middle Miocene Kipsaramon site complex, Muruyur Beds, Tugen Hills, Kenya. *Journal of Human Evolution* **42**, 11-38.
- Hill, A., Leakey, M., **Kingston, J.D.** & Ward, S. (2002). New cercopithecoids and a hominoid from 12.5 Ma in the Tugen Hills succession, Kenya. *Journal of Human Evolution* **42**, 75-93.
- Kingston, J.D.** (1999) Environmental determinants in early hominid evolution: Issues and evidence from the Tugen Hills, Kenya. **In** P. Andrews & P. Banham (eds.) *Late Cenozoic Environments and Hominid Evolution: a tribute to Bill Bishop*. Geological Society. London, 69-84.
- Bishop, L., Hill, A., and **Kingston, J.D.** (1999) Palaeoecology of Suidae from the Tugen Hills, Baringo, Kenya **In** P. Andrews & P. Banham (eds.) *Late Cenozoic Environments and Hominid Evolution: a tribute to Bill Bishop*. Geological Society. London, 99-111.
- Jacobs, B.F., **Kingston, J.D.**, and Jacobs, L.. (1999) Evolution of grass dominated ecosystems. **In** E.M. Friis, K.R. Pedersen, and P.R. Crane (eds): *The origin of modern terrestrial ecosystems: Fossils, phylogeny and biogeography*. Annals of the Missouri Botanical Garden 86(2): 590-643.
- Kingston, J.D.** (1999) Isotopes and environments of the Baynunah Formation, Abu Dhabi, United Arab Emirates. **In** P.J. Whybrow and A. Hill (eds.): *Fossil Vertebrates of Arabia*. New Haven: Yale University Press. pp. 354-372.
- Kingston, J.D.** and Hill, A. (1999) Late Miocene paleoenvironments in Arabia: A synthesis. **In** P.J. Whybrow and A. Hill (eds.): *Fossil vertebrates of Arabia*. New Haven: Yale University Press. pp. 389-407.
- Whybrow, P.J., Hill, A., and **Kingston, J.D.** (1999) Late Miocene fauna and environments of the Baynunah Formation: Emirate of Abu Dhabi (Western Region), United Arab Emirates. *Journal of the Faculty of Science: U.A.E. University*, **10**(1):120-145.
- Gebo, D.L., MacLatchy, L., Kityo, R., Deino, A., **Kingston, J.**, and Pilbeam, D. (1997). A Hominoid genus from the early Miocene of Uganda. *Science* **276**:401-404.

- McBrearty, S., Bishop, L., and **Kingston, J.D.** (1996) Variability in traces of Middle Pleistocene hominid behavior in the Kapthurin Formation, Baringo, Kenya. *Journal of Human Evolution* **30**: 563-580.
- Morgan, M.E., **Kingston, J.D.**, and Marino, B.D. (1994) Expansion and emergence of C4 plants. *Nature* **371**:112-113.
- Kingston, J.D.**, Marino, B.D., and Hill, A.P. (1994) Isotopic evidence for Neogene hominid paleoenvironments in the Kenya Rift Valley. *Science* **264**: 955-959.
- Morgan, M.E., **Kingston, J.D.**, and Marino, B.D. (1994) Carbon isotopic evidence for the emergence of C4 plants in the Neogene from Pakistan and Kenya. *Nature* **367**: 162-165
- Schoeninger, M.J., Moore, K.M., Murray, M.L., and **Kingston, J.D.**, (1989). Detection of bone preservation in archaeological and fossil samples, *Journal of Applied Geochemistry* **4**: 281-292.
- Kingston, J.D.**, 1985, Geology of the Lamoine Quadrangle (1:24,000), Shasta Co., California, U.S. Geological Survey open files.

#### **ADVISORS:**

- Andrew Hill - Post-doctorate advisor (Yale University, Dept. Anthropology) Danny Rye - Research associate advisor (Yale University, Dept. Geology & Geophysics)
- David Pilbeam - PhD advisor (Harvard University, Dept. Anthropology)
- Garniss Curtis and Richard Hay - MS advisors (U.C. Berkeley, Dept. Geology)

#### **PAPER PRESENTED AT PROFESSIONAL MEETINGS**

- Deino, A. and Kingston, J. (2008) Precessional Lacustrine Sedimentation in the Plio-Pleistocene Chemeron Formation, Central Kenya Rift. International Workshop on East African Geodynamics, Climate, Lakes and Evolution, Universität Potsdam,
- Goble, E., A. Hill and J. Kingston (2008) Digital elevation models as heuristic tools . *Paleoanthropology Society Meetings*, Vancouver
- Kingston, J.D. (2008) Interpreting isotopic variability in fossil herbivore assemblages. 2008 *American Association of Physical Anthropology Meetings*, Columbus.
- Turner, B.L., Zuckerman, M.K., Carlson, B.A., Kingston, J.D., Armelagos, G.J., Hunt, T.R., Amgalantugs, T., Frohlich, B. (2008) Prisoners of war or victims of raids? Population dynamics and their relationship to dynastic upheaval in southern Mongolia c. 1300-1350 AD. 2008 *American Association of Physical Anthropology Meetings*, Columbus.
- Zuckerman, M.K., Turner, B.L., Carlson, B.A., Kingston, J.D., Armelagos, G.J., Hunt,

- T.R., T.R., Amgalantugs, T., Frohlich, B. (2008) Diet and disease in times of war: Analysis of mummified human remains from southern Mongolia c. 1300-1350 AD. 2008 American Association of Physical Anthropology Meetings, Columbus.
- MacLatchy, L., Cote, S. Kingston, J.D. (2007) New Early Miocene Localities at Napak, Uganda, Society of Vertebrate Paleontology Meetings, Austin.
- Turner, B.L., Kingston, J.D., Burger, R.L., and L.C. Salazar (2007) The Servants of Machu Picchu: Many backgrounds in one(?) social class. Society of American Archeologists Meetings.
- Kingston, J.D. and Harrison, T. (2006) Isotopic evidence for Laetoli Paleoeology. Society of Vertebrate Paleontology Meetings, Ottawa.
- Maclatchy, L., Deino, A., and Kingston, J.D. (2006) A new chronology for the Early Miocene of Uganda. *Society of Vertebrate Paleontology Meetings*, Ottawa
- Kingston, J.D., Ditchfield, P.W., Plummer, T., Bishop, L.C. and Ferraro, J. (2006) Isotopic approaches to paleoecological reconstruction at Olduvai Bed I (Tanzania) and Kanjera (Kenya). *AAPA Meetings 2006*, Anchorage
- Turner, B.L., Kingston, J.D., Burger, R.L. and Salazar, L.C. (2006) Isotopic reconstruction of paleodiet and migration at Machu Picchu, Peru: early results. *AAPA Meetings 2006*, Anchorage
- Ditchfield, P.W., Kingston, J.D., Plummer, T., Bishop, L.C., Ferraro, J. and Potts, R. (2006) Tooth enamel oxygen isotope analysis to investigate seasonality at the late Pliocene Oldowan site Kanjera South, Kenya. *Paleoanthropology Society Meetings*, 2006, Puerto Rico
- Plummer, T, Bishop, L.C., Ditchfield, P. W., Kingston, J.D., and Hertel, F. (2006) Consensus approach to reconstructing Oldowan Hominin Paleoeology at Kanjera (Kenya) and Olduvai Gorge Bed 1 (Tanzania). *Society of American Anthropologists Meetings 2006*, Puerto Rico
- Kingston, J.D. (2005) Precessional Cycling in the Baringo Basin 2.7-2.55 Ma. Paleoclimates and Human Evolution Workshop. Smithsonian Institute.
- Kingston, J.D. and Harrison, T. (2005) Ostrich eggshells as paleoenvironmental indicators in the Pliocene Laetoli Succession, N. Tanzania. Paleoanthropological Society Meetings, Milwaukee.
- Deino, A., Glen, J., Kingston, J.D. and Hill, A. (2005) Precessional Climatic Signal in the Plio-Pliocene Chemeron Formation, Central Kenya Rift, 15<sup>th</sup> Annual Goldschmidt Conference. Moscow, Idaho.
- Quinn, E.A., Kingston, J.D., and Armelagos, G.J. (2004) Intra-individual isotopic variation of inorganic in developing infants. *AAPA abstract*.
- Turner, B.L, Kingston, J.D., and Milanich, J.M. (2004) Isotopic Analysis of Life History and Social Stratification at Three Wheeden Island Mounds *AAPA abstract*

- Kingston, J.D. and Harrison, T. (2003) Laetoli paleoenvironments reconsidered: The isotopic evidence. *Paleoanthropological Society Meetings*, Tempe.
- Kingston, J.D. (2003) Sources of variability in modern East African herbivore enamel: Implications for paleodietary and plaeoecological reconstructions. *American Journal of Physical Anthropology*, Supplement 36: p. 130.
- Hill, A., Kingston, J.D., Deino, A., Bishop, L., Fischer, R., and Rossie, J. (2003) Late Pliocene climatic change and faunas in the Tugen Hills, Kenya. *American Journal of Physical Anthropology*, Supplement 36: p. 114.
- Bishop, L.C., Plummer, T.W., Ferraro, J., Ditchfield, P.W., Hertel, F., Kingston, J.D., Braun, D., Hicks, J., Potts, R.B. (2003) The paleoenvironmental setting of hominin activities at Kanjera South, western Kenya. *American Journal of Physical Anthropology*, Supplement 36: p. 67.
- Turner, B.L., Edwards, J.L., Kingston, J.D. and Van Gerven, D. (2003) Nutritional assessment based on  $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$  analyses of weanlings, subadults and adult remains from Sudanese Nubia. *American Journal of Physical Anthropology*, Supplement 36: p. 212.
- Hill, A. Deino, A., Kingston, J.D. (2003) Hominids and paleoenvironments: The view from the Tugen Hill, Kenya. *Geological Society of America: 2003 Seattle Annual Meeting* (November 2-5)
- Quinn, E.A., Kingston, J.D., Armelagos, G., and Van Gerven, D. (2003) Age variation in isotopic and histological profiles in the Kulubnarti R-Group (1000-1550 CE), Sudanese Nubia. *American Journal of Physical Anthropology*, Supplement 36: p. 172.
- Kingston, J.D. and Harrison, T. (2002) Isotopically based reconstructions of early to middle Pliocene paleohabitats at Laetoli, Tanzania. *American Journal of Physical Anthropology* Suppl. 34:95-96. AAPA annual meetings, Buffalo.
- Sherwood, R.J. and Kingston J.D. (2002) Paleoanthropological Survey of the Lake Rukwa Basin, Tanzania. *American Journal of Physical Anthropology* Suppl. 34:141. (AAPA annual meetings, Buffalo).
- Kingston, J.D. and Harrison, T. (2001) High-resolution middle Pliocene landscape reconstructions at Laetoli, Tanzania, *Journal of Human Evolution* **40**(3):A14.
- Kingston, J.D. (2000) Lithofacies distribution in half-graben rifts and implications for environmental interpretations in the Baringo Basin, Kenya. *NE GSA Meetings*, New Brunswick.
- Kingston, J.D., Hill, A., Deino, A.L. (2000) Pliocene hominid evolution and astronomically forced climate change: Evidence from the rift valley of Kenya. *Journal of Human Evolution* **38**(3):A15.

- Deino, A.L., Glen, J.D., Kingston, J.D., Hill, A. (1999)  $^{40}\text{Ar}/^{39}\text{Ar}$  age calibration of the Gauss/Matuyama boundary and recognition of precessional climatic cycles in the Chemeron Formation, central Kenya Rift. *American Geophysical Union Meetings*.
- Feibel, C.S., Kingston, J.D., and Ashley, G.M. (1999) Environmental change and early human evolution in East Africa: Aspects of geological context and sampling. INQUA Durban, South Africa.
- Plummer, T., Bishop, L., Kingston, J., Sikes, N., Ditchfield, P., Hertel, F. and Ferraro, J. (1999) Reconstructing Oldowan hominid paleoecology. *Paleoanthropology Society Meetings*.
- McBrearty, S., Brown, B., Deino, A., Kingston, J., and Ward, S. (1999) Anatomy, context, age, and affinities of hominids from the Kapthurin Formation, Baringo, Kenya. *Paleoanthropology Society Meetings*.
- McBrearty, S. and Kingston, J.D. (1996) Environmental context of a rift valley site with evidence for Middle Pleistocene blade production in the Kapthurin Formation, Kenya. 1996 *Paleoanthropology Society Meetings* (abstract).
- Glimcher, M.J., Kim, H-M, Rey, C., Wu, Y., Grynopas, M.D., Ackerman, J., Morgan, M., deRicqles, A., Marino, B., Kingston, J. (1996) Further studies of the mineral phase of ~11.5 million year old giraffe bone. 3rd Intl. Conf. on bone diagenesis, Paris.
- Kingston, J.D. (1994) Isotopic analyses of Plio/Pleistocene lacustrine diatoms in the Kenyan Rift Valley: Implications for terrestrial environmental reconstructions.. 1994 AAA Meeting (abstract)
- McBrearty, S., Bishop, L., Kingston, J.D., Brown, B., and Ward, S. (1994) Environmental setting for hominids KNM-BK 67 and KNM-BK 8518 from the Kapthurin Formation, Baringo, Kenya, *Paleoanthropology Society Meetings*, Anaheim, California (abstract)
- Kingston, J.D. (1993) Early hominid paleoenvironments in the East African Rift Valley, *Paleoanthropology Society Meetings* (abstract)
- McBrearty, S., Bishop, L., and Kingston, J.D. (1993) Later Pleistocene technology and habitat at Simbi, Kenya, *Paleoanthropology Society Meetings* (abstract)
- Kingston, J.D., Morgan, M.E., Marino, B.D. (1993) Stable carbon isotopic evidence for widespread late Miocene paleoenvironmental change, *Amer. Assoc. Phy. Anthr.*(abstract)
- Glimcher, M.J., Kim, H., Rey, C., Wu, Y., Ackerman, J., Morgan, M., Marino, B., Kingston, J. (1993) Multidisciplinary study in progress of mineral phase in specimen of fossilized giraffe bone, Oxford bone and tooth biochemistry symposium .
- Kingston, J.D., Hill, A., and Marino, B.D. (1992), Isotopic evidence of late Miocene/Pliocene vegetation in the East African Rift Valley, *Amer. Assoc. Phy. Anthr.*(abstract)

Edgar, R.K. and Kingston, J.D., (1990) Plio-Pleistocene diatoms from the Tugen Hills, Gregory Rift valley, Kenya. XIth International Symposium on living and fossil diatoms. (abstract)

Kingston, J.D. and Schoeninger, M.J., (1989) Estimating preservation of bone mineral in archeological samples, Amer. Assoc. Phy. Anthr., 78: 253 (abstract).

### ***INVITED TALKS***

Kingston, J.D. (2008) Elusive adaptive landscapes of human evolution: Paleoenvironmental perspectives. Northwestern University, Dept. Anthropology Seminar Series.

Kingston, J.D (2007) Orbital Controls on Human Evolution, Paleobiology Seminar, Dept. Anatomical Sciences. SUNY Stony Brook, New York.

Kingston, J.D (2006) Early human evolution and orbitally forced climate change in the Kenyan Rift Valley. Southern Methodist University, Program of Environmental Sciences.

Kingston, J.D (2005) Early Hominin landscapes. University of Toronto, Dept. of Anthropology.

Kingston, J.D (2004) Reconstructing paleoecology by isotopic analyses of herbivore diets. Rutgers University, Quaternary Studies Program, Dept. Geology

Kingston, J.D (2004) Laetoli Paleoecology reconsidered. Yale University Anthropology Colloquium

Kingston, J.D. (2000) Early human environments - Slippery Adaptive Terrains. Dept. Anthropology Speaker Series, University of Wisconsin, Madison.

Kingston, J.D., Jacobs, B.F., and Jacobs, L.. (2000) Grassland Origin: A synthesis of paleobotanical, paleofaunal, and isotopic records. Paleograsland 2000 Symposium, Westbrook, CT.

Kingston, J.D. (1998)  $^{34}\text{S}$ ,  $^{18}\text{O}$ ,  $^{13}\text{C}$  and Dietary Reconstructions. Global Climatic Change Symposium, Dept. Geology, Yale University.

Kingston, J.D. (1998) Late Pleistocene context for origin of anatomically modern *Homo sapiens*. Dept. Anthropology Archeology Colloquium. Yale University.

Kingston, J.D. (1998) Interdisciplinary approaches to understanding early hominid evolution in East Africa. Sedimentary Symposium. Dept. Geology & Geophysics, Yale University.

Kingston, J.D. (1997) An integration of isotopic and paleobotanical records for interpreting early hominid habitats in the Tugen Hills. Bill Bishop Memorial Symposium, Geological Society of London.

- Bishop, L., Hill, A., and Kingston, J.D. (1997) Paleoeology of Suidae in the Tugen Hills, Baringo, Kenya. Bill Bishop Memorial Symposium, Geological Society of London.
- Daegling, D. and Kingston, J.D. (1997) Reconnaissance of Paleocene sediments for early primate sites. Department of Anthropology, Yale University.
- Kingston, J.D. (1996) Death of the Savanna Hypothesis?, Dept. Anthropology, Rutgers University.
- Glimcher, M.J., Kim, H-M, Rey, C., Wu, Y., Grynopas, M.D., Ackerman, J., Morgan, M., deRicqles, A., Marino, B., Kingston, J. (1996) Further studies of the mineral phase of ~11.5 million year old giraffe bone. 3rd Intl. Conf. on bone diagenesis, Paris.
- Kingston, J.D. (1995) Driving forces in human evolution. Dept. of Anatomy, SUNY Stonybrook.
- Kingston, J.D. (1995) Paleodietary and paleoenvironmental reconstruction, Baynunah Formation, Abu Dhabi. Vertebrate Paleontology Proceedings, Jebel Dannah, Abu Dhabi.
- Morgan, M.E., Kingston, J.D., and Marino, B.D. (1995) Ecological change in the Late Miocene of Africa and Asia: Stable Carbon Isotope analysis of enamel apatite and the faunal record. European Union of Geosciences, Straasburg.
- Kingston, J.D. (1995) Human evolution and environmental change in East Africa. Department of Anthropology, Yale University
- Kingston, J.D. (1994) Climatic variations in the Neogene of East Africa based on carbon and oxygen isotopes. Topics in Global Change Symposium - Dept. Geology and Geophysics, Yale University.
- Kingston (1994) Climate, human evolution and isotopes. University of Massachusetts, Dartmouth - Biological Symposium.
- Kingston, J.D. (1994) Ecological context of human evolution, Department of Anthropology, University of California, Los Angeles.

## **PROFESSIONAL SERVICE**

### *EDITORIAL REVIEW BOARDS*

*Journal of Human Evolution* (2007-2010)  
*Journal of Human Evolution* (1992-1995)

### *JOURNAL PEER REVIEW*

*Journal of Human Evolution*  
*Brain, Behavior and Evolution*  
*Palaeogeography, Palaeoecology and Palaeoclimatology*  
*Journal of Archeological Sciences*

*International Journal of Osteoarchaeology*  
*American Journal of Science*  
*Quaternary Research*  
*Natural History Museum of Los Angeles Bulletin*

#### **AGENCY GRANT REVIEW**

NATIONAL SCIENCE FOUNDATION - PHYSICAL ANTHROPOLOGY PROGRAM  
NATIONAL SCIENCE FOUNDATION - ARCHEOLOGY PROGRAM  
NATIONAL SCIENCE FOUNDATION - SEDIMENTARY GEOLOGY/PALEOBIOLOGY PROGRAM  
L.B.S. LEAKEY FOUNDATION  
NATIONAL GEOGRAPHIC SOCIETY

#### **MEDIA APPEARANCES**

2007 - *National Geographic* journal interview on climate/human evolution  
2002 - NHK (Japan Public Broadcasting Corporation) interview on role of environmental change in human evolution  
2001 - *Science* journal interview on discovery of *Orrorin tugenensis*  
1994 - NPR interview on *Science* article  
1994 - BBC interview on *Science* article  
1994 - New York Times interview and article on *Science* article

#### **COURSES TAUGHT AT EMORY (2000-2005)**

Evolutionary Anthropology (ANT140: introductory undergraduate)  
Human Evolution (ANT307: upper level undergraduate)  
Evolutionary Processes (ANT503: graduate seminar)  
Ecological Context of Human Evolution  
(ANT382: upper level undergraduate)  
Methods in Biological Anthropology: Human Paleodiets and Paleoecology  
(ANT415s: upper level undergraduate)  
Human Origins: Searching the Fossil Record (ANT190: freshman seminar)  
Human Evolution (ANT585: graduate seminar)  
Concepts and Methods in Biological Anthropology  
(ANT201: introductory undergraduate)

#### **SERVICE POSITIONS AT EMORY (2000-2005)**

##### *DEPARTMENTAL (ANTHROPOLOGY)*

Director of Graduate studies (2008- present)  
Director of Undergraduate studies (2007- 2008)  
Member, Graduate Admissions Committee (2001, 2003, 2005, 2006, 2007)  
Co-Chair, Graduate Admissions Committee (2004)  
Member, Graduate Concerns Committee (2002, 2008)  
Member, Graduate Grievance Committee (2008)  
Member, Speakers Series Committee (2004, 2005)

Member, Human Subjects Review Committee (2004)  
Member, WEB/IT Development Committee (2002, 2003)  
Member, Curriculum Committee (2002)  
Member, Faculty Handbook Committee (2001)  
Member, Departmental Space Committee (2002)  
Organizer *Evolution and Human Behavior* Seminar Series (2004, 2005, 2006, 2007)  
Organizer *BioAnthropology Seminar* ANT 555 (2007, 2008)

#### *UNIVERSITY*

University Research Committee (URC) Selection (2006, 2007)  
Member, Selection Committee for SIRE (Scholarly Inquiry and Research at Emory) grants (2005, 2006, 2007)  
Contributing Lecturer, TATTOO Graduate School (2003)

#### **STUDENT COMMITTEES AND HONORS TO STUDENTS**

##### *Ph.D Dissertations*

John Krigbaum, Committee Member (2001) 'Human Paleodiet in Tropical Southeast Asia: Isotopic Evidence from Niah Cave and Gua Cha (New York University)  
Diana Smay, Committee Member (2005) 'Health Indicators in the Skeletal Population of Hasanlu' (Emory University)  
Bethany Turner, Co-Chair (2008) 'Isotopic reconstruction of paleodiet and migration at Machu Picchu, Peru' (Emory University)  
Bryce Carlson, Chair (in progress) 'Dietary constraints in early human evolution' (Emory University)  
Amber Cambell, Committee Member (in progress) 'Schistosomiasis in Early Nubia' (Emory University)  
Molly Zuckerman, Committee Member (in progress) 'Origins of Syphilis' (Emory University)  
Katie Binetti, Committee member (in progress) 'Late Neogene vertebrate paleontology in the Baringo Basin, Kenya' (Yale University)

##### *Senior/Honor Theses*

Alison Lee, Committee Member (2007) The Kennewick Controversy: Anthropology and Race in the Battle for America's most Famous Bones,  
Elizabeth Anne Quinn, Chair (2003) Age variations in isotopic and growth profiles among the Kulubnarti R Group, Nubia.  
Douglas Freiburger, Chair (2003) Individual Intra- and Inter-bone isotopic variation in relation to growth patterns.  
Adam Van Arsdale, Committee Member (2001) Molecular Genetics and Pleistocene Human Population Size.  
Rebecca Schambach, Committee Member (2003) Economics of European global diversity.  
Nicholas Pyenson, Committee Member (2003) Behavioral significance of

vertebrate trace fossils from the Union Chapel Mine Site.