

Susanne Meredith Cote

Curriculum Vitae

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Department of Anthropology
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EDUCATION

HARVARD UNIVERSITY, Cambridge, MA

PhD 2008 ANTHROPOLOGY

Dissertation: Sampling and ecology in three Early Miocene catarrhine assemblages from East Africa

Committee: David Pilbeam, Laura MacLatchy, Charles Marshall, and John C. Barry

A.M. 2003 ANTHROPOLOGY

McGILL UNIVERSITY, Montreal, Quebec

B.A. 2001 ANTHROPOLOGY (Honors), Biology minor

Thesis: Dietary Adaptations of the Australopithecinae

PROFESSIONAL APPOINTMENTS

Sessional Instructor
(Jan 2013 – present)

Department of Anthropology
University of Calgary, Calgary, AB

Regional Monitoring Coordinator
(Nov 2010 – October 2012)

Alberta Biodiversity Monitoring Institute
University of Alberta, Edmonton, AB

Remote Research Technician
(May - August 2010)

Alberta Biodiversity Monitoring Institute
University of Alberta, Edmonton, AB

Program Coordinator
(2009-2010)

Wildlife Conservation Society, Gabon

Program Officer
(2008-2009)

Mercy Corps, Addis Ababa, Ethiopia

Visiting Researcher
(2005-2009)

National Museums of Kenya, Nairobi, Kenya

Visiting Researcher
(2005-2007)

Uganda Museum, Kampala, Uganda

Teaching Fellow and Ph.D. Candidate
(2001-2008)

Harvard University, Cambridge, MA

RESEARCH GRANTS AND FELLOWSHIPS

- 2012-2017** Integrative Paleoanthropology Grant: Research on East African Catarrhine and Hominoid Evolution – *National Science Foundation* (\$750,000).
Principal Investigators: Kieran McNulty, Laura MacLatchy, Daniel Peppe, James Rossie, and Alan Deino. S. Cote is listed as “Senior Personnel”
- 2007** Dissertation Completion Fellowship – *Cora Du Bois Charitable Trust* (\$20,000)
Student Travel Grant – *Society of Vertebrate Paleontology* (\$500)
- 2006** Research Grant – *The Leakey Foundation* (\$8,450)
- 2005** Doctoral Dissertation Research Grant – *National Science Foundation* (\$11,880)
Bill Bishop Award – *Quaternary Research Association* (\$1,500)
Dissertation Support Grant – *Department of Anthropology, Harvard University* (\$6,000)
- 2004** Post-Graduate Fellowship – *Natural Sciences and Engineering Research Council of Canada* (\$38,000)
Small Research Grant – *Bill Bishop Memorial Trust* (\$500)
Summer Research Grant – *Harvard Graduate Student Council* (\$1,250)
- 2003** Early Training & Research Support Grant – *Department of Anthropology, Harvard University* (\$5,000)
Robert Chapman Memorial Fellowship – *Harvard University* (\$10,000)
- 2002** Summer Research Award – *Graduate School of Arts and Sciences, Harvard University* (\$3,400)
- 2000** Undergraduate Student Summer Research Award – *Natural Sciences and Engineering Research Council of Canada* (\$4,000)
- 1997** James McGill Scholarship – *McGill University* (\$12,000)

AWARDS

- 2013 - 14** Teaching Excellence Award – *University of Calgary Student Union*
(one of 18 award winners selected from across campus)
- 2005** Certificate of Distinction in Teaching – *Harvard University’s Derek Bok Center for Teaching and Learning*
- 2004** Certificate of Distinction in Teaching – *Harvard University’s Derek Bok Center for Teaching and Learning*

- 2001** PhD Fellowship – *Harvard University Graduate School of Arts and Sciences* (\$33,600 stipend + tuition for 5 years)
- 2001** Richard Salisbury Prize in Anthropology – *McGill University* (for best undergraduate thesis in the department)
- 2000** J. W. McConnell Award – *McGill University* (\$500)

PUBLICATIONS

Peer-Reviewed Publications:

- Cote, S.**, Nengo, I., and Malit, N. 2014. Additional mandibles of the Miocene catarrhine *Rangwapithecus gordonii* from the Tinderet localities of Western Kenya. *American Journal of Physical Anthropology* 153: 341-352.
- Cote, S.** 2010. Pecora *incertae sedis*; in L. Werdelin & B. Sanders (eds.). *Cenozoic Mammals of Africa*. University of California Press, Berkeley; p. 731-739.
- Coombs, M.C. and **Cote, S.** 2010. Chalicotheriidae; in L. Werdelin & B. Sanders (eds.). *Cenozoic Mammals of Africa*. University of California Press, Berkeley; p. 659-667.
- Werdelin, L. and **Cote, S.** 2010. Prionogalidae (Mammalia *incertae sedis*); in L. Werdelin & B. Sanders (eds.). *Cenozoic Mammals of Africa*. University of California Press, Berkeley; p. 561-562.
- Peppe, D., McNulty, K., **Cote, S.**, Harcourt-Smith, W., Dunsworth, H., and Van Couvering, J.A.H. 2009. Stratigraphic interpretation of the Kulu Formation (Early Miocene, Rusinga Island, Kenya) and its implications for primate evolution. *Journal of Human Evolution* 56:447-61.
- Cote, S.**, Werdelin, L., Seiffert, E., and Barry, J.C. 2007. Additional material of the enigmatic Early Miocene mammal *Kelba* and its relationship to the order Ptolemaiida. *Proceedings of the National Academy of Sciences* 104:5510-5515.
- Barry, J. C., **Cote, S.**, MacLatchy, L., Lindsay, E., Kityo, R., and Rajpar, A.R. 2005. Oligo-Miocene Ruminants from Pakistan and Uganda, *Paleontologia Electronica* 8(1): 22A
- Cote, S.** 2004. Origin of the African hominoids: An assessment of the palaeobiogeographical evidence. *Comptes Rendus Palévol* 3(4): 323-340.
- Cote, S.**, Carroll, R., Cloutier, R., and Bar-Sagi, L. 2002. Vertebral development in the Devonian Sarcopterygian fish *Eusthenopteron fordi* and the polarity of vertebral evolution in non-amniote tetrapods. *Journal of Vertebrate Paleontology* 22(3): 487-502.

Non-peer reviewed publications:

Cote, S. In Press. Everything You Ever Wanted to Know About African Mammals. Book Review: Mammals of Africa, Volumes I-VI. 2013. Kingdon, J., Happold, D.C.D, Butynski, T., Hoffmann, M., Happold, M., and Kalina, J. Bloomsbury, London. *Journal of Mammalian Evolution*.

Cote, S. 2003. Book Review: Lothagam, the Dawn of Humanity in Eastern Africa. *Palaeontologia Electronica* 6(1).

In Preparation:

Cote, S., Kingston, J., Deino, A., Winkler, A., Kityo, R., and MacLatchy, L., New radiometric dates and biostratigraphy for the early Miocene site of Bukwa, Mount Elgon, Uganda: Implications for East African faunal change. To be submitted to the *Journal of Human Evolution*.

Cote, S., McNulty, K., and Nengo, I. New maxillary material of *Limnopithecus evansi* from Songhor reveals consistent differences with *Lomorupithecus*. To be submitted to the *Journal of Human Evolution*.

Kingston, J., MacLatchy, L., and **Cote, S.** Stable isotope results from the Ugandan early Miocene. To be submitted to *Palaeogeography, Palaeoclimatology, Palaeoecology*.

Published Abstracts:

Cote, S., McNulty, K., and Nengo, I. *Limnopithecus evansi* is not *Lomorupithecus harrisoni*: implications for endemism in the fossil catarrhine communities of East Africa. **Accepted as a podium presentation for the** Society of Vertebrate Paleontology, 2014.

McNulty, K., L. MacLatchy, J. Rossie, D. Peppe, I. Nengo, F. Manthi, E. Miller, N. Stevens, **S. Cote,** and T. Lehmann. A regional approach to East African early Miocene paleobiology. **Accepted as a poster presentation for the** Society of Vertebrate Paleontology, 2014.

Cote, S., Kingston, J., and MacLatchy, L. 2014. Early Miocene catarrhine fossil localities at Napak, Uganda: Geologic, faunal, and isotopic analyses reveal contrasting paleoenvironments. *American Journal of Physical Anthropology* Supplement 153 (S58): 98. (Podium Presentation)

McNulty, K., MacLatchy, L., Rossie, J., Peppe, D., Deino, A., Mbua, E., Manthi, F., Nengo, I., Miller, E., Stevens, N., **Cote, S.,** Lehmann, T., and Gutierrez, M. 2014. Research on East African Catarrhine and Hominoid Evolution: results from the first year. *American Journal of Physical Anthropology* Supplement 153 (S58): 182.

Kingston, J., MacLatchy, L., **Cote, S.,** Kityo, R., and Sanders, W. 2011. Isotopic evidence of paleoenvironments and niche partitioning of early Miocene fossil fauna from Napak and Moroto, Uganda. *Journal of Vertebrate Paleontology* Supplement 31: 136A.

Seiffert, E., MacLatchy, L. and **Cote, S.** 2010. A cranium of the Early Miocene tenrec *Erythrozoetes* from Napak, Northeastern Uganda. *Journal of Vertebrate Paleontology* Supplement 30: 167A

Kingston, J., MacLatchy, L., **Cote, S.**, Kityo, R., and Sanders, W. 2009. Paleoenvironments of early Miocene vertebrate localities at Napak and Moroto, Uganda: lithofacies and isotopic analyses. *Journal of Vertebrate Paleontology* Supplement 29: 127A.

MacLatchy, L., **Cote, S.**, Orliac, M., Sanders, W., and Winkler, A. 2008. The faunal age of Moroto I and II, Uganda. *Journal of Vertebrate Paleontology* Supplement 28: 110A.

Cote, S. 2007. Primate distributions and sample size effects at three Early Miocene sites in East Africa. *Journal of Vertebrate Paleontology* Supplement 27: 62A.

MacLatchy, L., **Cote, S.**, Kingston, J., Rossie, J., and Winkler, A. 2007. New Early Miocene localities at Napak, Uganda. *Journal of Vertebrate Paleontology* Supplement 27: 109A.

Cote, S. and Nengo, I. 2007. Inter- and intra-sexual dimorphism in the early Miocene catarrhine *Rangwapithecus gordonii*- as demonstrated by new material from Western Kenya. *American Journal of Physical Anthropology* Supplement 44: 91.

Cote, S. and Nengo, I. 2006. Two new mandibles of *Rangwapithecus gordonii* from the Early Miocene of Western Kenya. *Journal of Vertebrate Paleontology* Supplement 26: 52-53A.

Cote, S. 2004. New ruminant specimens from the Early Miocene of Karamoja District, Uganda. *Journal of Vertebrate Paleontology* Supplement 24: 48A.

Cote, S. 2003. Paleobiogeography, taphonomy, and the origin of the African hominoid clade. *American Journal of Physical Anthropology* Supplement 36: 80.

Polk, J.D., Psutka, S., **Cote, S.**, and Lieberman, D. 2003. Running in human evolution. *American Journal of Physical Anthropology* Supplement 36: 170.

ADDITIONAL PRESENTATIONS AND INVITED TALKS/GUEST LECTURES

Royal Tyrrell Museum, Visiting Speaker Series – April 2014

“Before Lucy: Fossil Monkeys and Apes from the East African Rift Valley.”

Available online at: <http://youtu.be/DXKvwKdXfpM>

University of Calgary, Department of Anthropology – April 2014

Guest Lecture: “Evolution of Human Behaviour” in ANTH 435: Evolutionary Anthropology

Kent State University, Department of Anthropology – January 2014

“The Miocene Matters: Morphology and Ecology in African Fossil Catarrhine Primates”

Canadian Paleontology Conference – August 2013

“Building a temporal and environmental framework for primate fossil localities in the east African early Miocene”

Canadian Association of Physical Anthropology Annual Meeting – November 2012
 “New radiometric age determination for Bukwa, an early Miocene fossil locality in Northeastern Uganda”

University of Alberta, Department of Anthropology – February 2012
 Guest Lecture “The Miocene Apes” in undergraduate course Anthropology 209: Introduction to Biological Anthropology

University of Calgary, Department of Anthropology – January 2012
 “Ugandan fossil primate communities: a window 20 million years into the past”

Harvard University, Department of Anthropology – September 2008
 “Sampling & ecology in three Early Miocene catarrhine assemblages from East Africa”

Transvaal Museum, Pretoria, South Africa – April 2006
 “The Distribution and Paleobiology of Early Miocene East African Catarrhines”

Moi University, Eldoret, Kenya - February 2006
 “The African Primate Fossil Record”

Harvard University, Department of Anthropology, Seminar Series – April 2005
 “Early Miocene catarrhine assemblages in East Africa”

New England Biological Anthropology Symposium – March 2004
 “African Hominoid Origins”

Harvard University, Department of Anthropology, Seminar Series – February 2004
 “African Hominoid Origins”

TEACHING EXPERIENCE

University of Calgary, Department of Anthropology ***Sessional Lecturer, 2013-present***

Instructor of Record for:

- Anthropology 201: Introduction to Primatology and Human Evolution (6 times)
- Anthropology 309: Human Evolution
- Anthropology 505.2: Human Evolution (2 times)
- Anthropology 505.1: Primate Evolution (2 times)

Harvard University, Core Education Program ***Teaching Fellow, 2004-2005***

- Taught lab sections in paleontology/evolution for non-science undergraduates. Small classroom setting (15-20 students) with students working in small groups
- Certificate of Distinction in Teaching, Derek Bok Center for Teaching and Learning, Harvard University; received both times instructed the course

Harvard University, Biological Anthropology ***Undergraduate Mentor, 2001-2008***

- Assisted undergraduate students with planning and implementation of undergraduate honors thesis projects and independent research projects

STUDENTS SUPERVISED

- Irisa Arney (University of Michigan PhD Student – Current PhD Committee Member)
- Sarah Psutka (Harvard University Undergraduate Honours Student – 2001-2002)

FIELD EXPERIENCE

Uganda

- 2012: Moroto and Napak; collaboration with Dr. Laura MacLatchy (University of Michigan) and Dr. John Kingston (Emory University)
- 2004-2007: Moroto and Napak; collaboration with Dr. Laura MacLatchy (University of Michigan)

Kenya

- 2008: Kalodirr and Moruorot, West Turkana; collaboration with Dr. James Rossie (SUNY Stony Brook)
- 2008: Chemeron Formation, Baringo Basin; collaboration with Dr. Andrew Hill (Yale University) and Dr. John Kingston (Emory University)
- 2006, 2004: Ngorora Formation, Baringo Basin; collaboration with Dr. Andrew Hill (Yale University) and Dr. James Rossie (Carnegie Museum)
- 2002: Lake Turkana (Ileret region); with Drs. Meave and Louise Leakey (National Museums of Kenya)
- 2001: Olorgesailie Prehistoric Site; with Dr. Richard Potts (Smithsonian Institution)

Egypt

- 2005: Fayum Depression, Oligocene Deposits; with Dr. Elwyn Simons (Duke University) and Dr. Erik Seiffert (SUNY Stony Brook)

United States

- 1999: University of Arizona archaeological field school

ADDITIONAL MUSEUM RESEARCH EXPERIENCE

National Museums of Kenya

- 2014: Small catarrhines from Songhor with Dr. Kieran McNulty, Dr. Isaiah Nengo, Dr. Fredrick Kyalo, and Dr. Emma Mbua
- 2009: Ruminants from the Early Miocene site of Rusinga with Dr. Kieran McNulty
- 2006-2008: New remains of the Miocene primate *Rangwapithecus gordonii* with Dr. Isaiah Nengo
- 2005-2007: Early Miocene mammals from Songhor, Koru, and other Kenyan sites (PhD research)
- 2004: Faunal remains from the Ngorora Formation (mid-Miocene) with Dr. Andrew Hill
- 2001: *Theropithecus* remains from Olorgesailie Prehistoric Site with Dr. Richard Potts

Uganda Museum

- 2014: REACHE Project – Ugandan early Miocene mammals with Dr. Laura MacLatchy and Dr. John Kingston. Project website under construction at: <http://www.reacheproject.com>
- 2007-2008: Early Miocene mammals from Bukwa and Moroto with Dr. Laura MacLatchy (University of Michigan)
- 2005-2007: Early Miocene mammals from Napak (PhD research)

Harvard University

- 2002-2005: Analysis of mammalian fossils from the Siwaliks of Pakistan with Dr. John Barry and Dr. David Pilbeam
- 2002: Experimental work on the biomechanics of human running and walking with Dr. John Polk and Dr. Daniel Lieberman

McGill University

- 2001: "Dietary Adaptations of the Australopithecinae"- Undergraduate honors thesis
- 2001: Research assistant for Dr. Michael Bisson, Department of Anthropology
- 1999-2001: Vertebral development in *Eusthenopteron foordi* including preparation, casting, drawing, and analysis of fossil specimens with Dr. Robert Carroll, Redpath Museum

PROFESSIONAL SERVICE

Committees and Organizations:

- Program Committee – American Association of Physical Anthropology, 2014-2016
- Local Arrangements Committee – American Association of Physical Anthropology 83rd Annual Meeting, April 2014, Calgary Alberta
- Prehistory Club of Kenya, Member and Occasional Lecturer
- Graduate Student Representative, Harvard University Department of Anthropology
- Co-organizer, 2nd New England Biological Anthropology Symposium (2003)
- Contributor to the Paleobiology Database (<http://www.pbdb.org>)

Peer Review:

- The Leakey Foundation
- Journal of Vertebrate Paleontology
- Zoological Journal of the Linnean Society
- University of California Press
- Brill Academic Publishers

Memberships:

- Society of Vertebrate Paleontology
- American Association of Physical Anthropologists
- Canadian Association of Physical Anthropology
- Canadian Society of Vertebrate Paleontology

ADDITIONAL TRAINING

Certificates

- Instructional Skills Workshop, University of Calgary Teaching and Learning Centre, January 2013
- Program Evaluation. The Canadian Evaluation Society, June 2011

Other Courses

- Paleobiological and Phylogenetic Approaches to Macroevolution, National Evolutionary Synthesis Centre, Duke University, July 2014.
- Project Management Essentials. University of Alberta Faculty of Extension, 2012
- Stable Isotope Biogeochemistry and Ecology, University of Utah, 2003

OTHER SKILLS

Languages:

English, French (written and spoken), Swahili (basic spoken only)

Computer and Database Skills:

Proficient in Word, Excel, PowerPoint, Access, FileMaker Pro, EndNote, basic GIS, and several statistical programs

Analytical Skills:

Experience in basic and multivariate statistical analysis, including analysis of ecological community data

REFERENCES

Dr. David Pilbeam Department of Anthropology Harvard University 11 Divinity Avenue Cambridge, MA 02138 pilbeam@fas.harvard.edu (617) 495-4736	Dr. Laura MacLatchy Department of Anthropology University of Michigan 1085 S. University Ave Ann Arbor, MI 48109 maclatch@umich.edu (734) 647-9059	Dr. Lars Werdelin Swedish Museum of Natural History Box 50007, S-10405 Stockholm, Sweden lars.werdelin@nrm.se +46-8-5195-4202
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