

# Susanne Meredith Cote

Curriculum Vitae

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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 MacLachy, 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

## ACADEMIC APPOINTMENTS

Associate Professor  
(July 2020 – present)

Department of Anthropology & Archaeology  
University of Calgary, Calgary, AB

Assistant Professor  
(July 2015 – June 2020)

Department of Anthropology & Archaeology  
University of Calgary, Calgary, AB

Sessional Instructor  
(Jan 2013 – June 2015)

Department of Anthropology  
University of Calgary, Calgary, AB

Visiting Researcher  
(2005-2008)

National Museums of Kenya, Nairobi, Kenya

Visiting Researcher  
(2005-2007)

Uganda Museum, Kampala, Uganda

## OTHER PROFESSIONAL APPOINTMENTS (NON-ACADEMIC)

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

## RESEARCH GRANTS AND FELLOWSHIPS

### External Grants:

- 2021** “Collaborative Research: The contexts of early Miocene hominoid evolution at Koru, Chatmwaru, and Legetet, Kenya” – *National Science Foundation* (Co-PI - \$474,260 USD)
- 2021** “New excavations at Meswa Bridge, Kenya” – *The Leakey Foundation* (Co-PI - \$24,961 USD)
- 2020** “Paleoenvironments of early-middle Miocene catarrhine localities in West Turkana, Kenya” – *The Leakey Foundation* (Co-Investigator - \$24,950 USD)
- 2017** “Excavation of an exceptionally preserved Miocene catarrhine at Moruorot, Kenya” – *The Leakey Foundation* (Principal Investigator - \$12,500 USD)
- 2017** “Fossil Dialogues: Paleontology and the Humanities” – *Social Sciences and Humanities Research Council of Canada – Connection Grants Program* (Principal Investigator - \$25,000 CAD).  
*Funded paleoart and philosophy of paleontology talks, workshops, and exhibitions in conjunction with the 2017 Society of Vertebrate Paleontology conference.*
- 2016** Workshop Grant: “Early Adaptive Evolution of the Hominoidea” – *Wenner-Gren Foundation for Anthropological Research* (Principal Investigator - \$19,790 USD)
- 2016-2021** 2015 Discovery Grants Competition: “Primate Paleoenvironments in the East African early Miocene” – *Natural Sciences and Engineering Research Council of Canada* (Principal Investigator - \$115,000 CAD)
- 2012-2017** Integrative Paleoanthropology Grant: “Research on East African Catarrhine and Hominoid Evolution” – *National Science Foundation* (\$750,000 USD).  
*Principal Investigators:* Kieran McNulty, Laura MacLatchy, Daniel Peppe, James Rossie, and Alan Deino. S. Cote is listed as “Senior Personnel”
- 2006** Research Grant – “Sampling and Ecology of Early Miocene Catarrhine Assemblages of East Africa” – *The Leakey Foundation* (\$7,500 USD)
- 2005** Doctoral Dissertation Research: Comparative paleoecology of three contemporaneous Early Miocene catarrhine sites in East Africa – *National Science Foundation* (\$11,880 USD)
- 2007** Bill Bishop Award – *Quaternary Research Association* (\$1,500 USD)

**External Fellowships:**

- 2007** Dissertation Completion Fellowship – *Cora Du Bois Charitable Trust* (\$20,000 USD)
- 2004-2006** Post-Graduate Fellowship – *Natural Sciences and Engineering Research Council of Canada* (\$42,000 CAD).  
*Project:* Paleoecology and competition in Miocene tragulids and bovids.  
*Supervisor:* Dr. D. Pilbeam.

**External Grants to Students:**

- 2021** “Middle Pleistocene paleoenvironmental reconstruction through phytolith analysis at the Manyara Beds, northern Tanzania” – *Wenner-Gren Foundation* - \$9,726 USD (To PhD trainee Mariam Bundala)
- 2020** “Paleoenvironmental reconstruction of the Manyara Beds (Tanzania) using phytolith analysis” – *The Leakey Foundation* - \$15,000 USD (To PhD trainee Mariam Bundala)
- 2020** “Paleoenvironmental reconstruction of the Manyara Beds (Tanzania) using phytolith analysis” – *Paleontological Scientific Trust* - \$7,950 USD (To PhD trainee Mariam Bundala)

**Internal Grants and Fellowships:**

- 2019** Program for Undergraduate Research Experience (PURE) – *University of Calgary*  
Undergraduate Co-Investigator: Julia Casorso (\$3,000 CAD)
- 2017** NSERC Undergraduate Student Research Award (USRA) – *University of Calgary*  
Undergraduate Recipient: Abigail Hall (\$4,500 CAD)
- 2016** Conference/Workshop Grant for Society of Vertebrate Paleontology, Calgary, August 2017 - *Office of the Vice-President Research, University of Calgary* (\$5,000 CAD)  
Program for Undergraduate Research Experience (PURE) – *University of Calgary*  
Undergraduate Co-Investigator: Abigail Hall (\$4,500 CAD)
- 2015** Sessional Travel Grant - *The Faculty Association of the University of Calgary* (\$2,000CAD)
- 2005** Dissertation Support Grant – *Anthropology Department, Harvard University* (\$6,000USD)
- 2004** Summer Research Grant – *Harvard Graduate Student Council* (\$1,250 USD)
- 2003** Early Training & Research Support Grant – *Department of Anthropology, Harvard University* (\$5,000 USD)  
  
Robert Chapman Memorial Fellowship – *Harvard University* (\$10,000 USD)
- 2002** Summer Research Award – *Graduate School of Arts and Sciences, Harvard University* (\$3,400 USD)

- 2001** PhD Fellowship – *Harvard University Graduate School of Arts and Sciences* (\$33,600 USD stipend + tuition for 5 years)
- 2000** Undergraduate Student Summer Research Award – *Natural Sciences and Engineering Research Council of Canada* (\$4,000 CAD)
- 1997** James McGill Scholarship – *McGill University* (\$12,000 CAD)

### AWARDS

- 2018** “Great Supervisor” Award – *Faculty of Graduate Studies, University of Calgary*
- 2015 - 16** “New Teacher” Award – *Faculty of Arts Awards, University of Calgary*
- 2015 – 16** Nominated – Teaching Excellence Award – *University of Calgary Student Union*
- 2014-15** University Teaching Award – Sessional Instructor Category – *University of Calgary Taylor Institute for Teaching and Learning*
- 2013 - 14** Teaching Excellence Award – *University of Calgary Student Union*
- 2005 and 2004** Certificate of Distinction in Teaching – *Harvard University’s Derek Bok Center for Teaching and Learning*
- 2001** Richard Salisbury Prize in Anthropology – *McGill University* (\$200; for best undergraduate thesis in the department)
- 2000** J. W. McConnell Award – *McGill University* (\$500)

### PUBLICATIONS

#### ***Peer-Reviewed Publications:***

15. Flink, T., **Cote, S.**, Rossie, J., Kibii, J., and Werdelin, L. 2021. The neurocranium of *Anasinopa* cf. *leakeyi* (Hyaenodonta, Mammalia) and the evolution of the brain in some hyaenodontid carnivores. *Journal of Vertebrate Paleontology* e1927748. DOI: 10.1080/02724634.2021.1927748.
14. Hall, A., and **Cote, S.** 2021. Ruminant mesowear and hypsodonty reveal consistently browse-dominated diets throughout the early and middle Miocene of eastern Africa. *Palaeogeography, Palaeoclimatology, Palaeoecology* 567:110253.
13. Robinson, C., Campbell, T., **Cote, S.**, and de Ruiter, D. 2018. Temporal ranges and ancestry in the hominin fossil record: the case of *Australopithecus sediba*. *South African Journal of Science*. 114(3/4): #2017-0327. <http://dx.doi.org/10.17159/sajs.2018/20170327>

12. **Cote, S.**, Kingston, J., Deino, A., Winkler, A., Kityo, R., and MacLatchy, L. 2018. Evidence for rapid faunal change in the early Miocene of East Africa based on revised biostratigraphic and radiometric dating of Bukwa, Uganda. *Journal of Human Evolution* 116:95-107.
11. Murray, A., Argyriou, T., **Cote, S.**, and MacLatchy, L. 2017. The fishes of Bukwa, Uganda, a lower Miocene (Burdigalian) locality of East Africa. *Journal of Vertebrate Paleontology* 37(3): e1324460.
10. **Cote, S.**, McNulty, K., Stevens, N., and Nengo, I. 2016. A detailed assessment of the maxillary morphology of *Limnopithecus evansi* with implications for the taxonomy of the genus. *Journal of Human Evolution* 94:83-91.
9. **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.
8. **Cote, S.** 2010. Pecora *incertae sedis*; in Werdelin, L. & Sanders, W. (eds.). *Cenozoic Mammals of Africa*. University of California Press, Berkeley; p. 731-739.
7. Coombs, M.C. and **Cote, S.** 2010. Chalicotheriidae; in Werdelin, L. & Sanders, W. (eds.). *Cenozoic Mammals of Africa*. University of California Press, Berkeley; p. 659-667.
6. Werdelin, L. and **Cote, S.** 2010. Prionogalidae (Mammalia *incertae sedis*); in Werdelin, L. & Sanders, W. (eds.). *Cenozoic Mammals of Africa*. University of California Press, Berkeley; p. 561-562.
5. 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.
4. **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 Ptolemaida. *Proceedings of the National Academy of Sciences* 104:5510-5515.
3. 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
2. **Cote, S.** 2004. Origin of the African hominoids: An assessment of the palaeobiogeographical evidence. *Comptes Rendus Palévol* 3(4): 323-340.
1. **Cote, S.**, Carroll, R., Cloutier, R., and Bar-Sagi, L. 2002. Vertebral development in the Devonian Sarcopterygian fish *Eusthenopteron foordi* and the polarity of vertebral evolution in non-amniote tetrapods. *Journal of Vertebrate Paleontology* 22(3): 487-502.

**Non-peer reviewed publications:**

**Cote, S.** 2018. News and Views: Savannah savvy. Invited commentary for *Nature Ecology and Evolution* 2, 210-211. doi:10.1038/s41559-017-0450-x. <https://t.co/ol9P7tqKMM>

**Cote, S.** 2015. 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* 22:281-283.

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

***In the Pipeline:***

**Cote, S.,** and Coombs, M. **Revisions Submitted.** Chalicotheriidae. In: Badgley, Morgan, and Pilbeam (Eds.). The Siwaliks: A Neogene Sequence in Central-South Asia. In preparation for *Johns Hopkins University Press*.

**Cote, S.,** and MacLatchy, L. **In Revision.** New catarrhine teeth from Bukwa, Uganda (Early Miocene): implications for catarrhine distributions and biogeography. *Journal of Human Evolution*.

Rossie, J., and **Cote, S.** **In Revision.** Additional hominoid fossils from the early Miocene of the Lothidok Formation, Kenya. *American Journal of Physical Anthropology*.

Green, D., **Cote, S.,** Dirks, W., Williams, I., and Smith, T. **Submitted.** Weekly records of seasonal climate variation in teeth from the Miocene ape *Afropithecus*. *Nature Geoscience*.

***In Preparation:***

MacLatchy, L., Kingston, J. **Cote, S.** et al. The early Miocene site Moroto II, Uganda and the origins of hominoid locomotor versatility. To be submitted to *Science*.

Peppe, D., **Cote, S.,** et al.

Kingston, J., MacLatchy, L., and **Cote, S.,** et al. Stable isotope results from the Ugandan early Miocene. To be submitted to *the Journal of Human Evolution*.

***Exhibitions Curated:***

*Picturing the Past: Fossils in Art.* September 13 – 24<sup>th</sup>, 2017. University of Calgary, Gallery of the Taylor Institute for Teaching and Learning.

*Funded by SSHRC Connection Grant awarded in 2017.*

***Published and Peer Reviewed Conference Abstracts:***

[graduate student co-author; undergraduate student co-author]

40. Peppe, D., Cote, S., Deino, A.L., Driese, S.G., Garrett, N., Hillis, K.R., Jacobs, B. F., Jenkins, K.E., Kingston, J.D., Kinyanjui, R.N., Lehmann, T., Lukens, W.E., McNulty, K.P., MacLatchy, L.M., Michel, L.A., Miller, E., Nengo, I., Novello, A., Oginga, K.O., Rossie, J.B., Stromberg, C.A.E, Uno, K.T., 2020. Early Miocene evolution of open ecosystems and C4 vegetation in equatorial East Africa. *Geological Society of America Abstracts and Program*, T167, 210.

39. Peppe, D, **Cote, S.**, et al. 2020. Early Miocene evolution of C4 vegetation and open ecosystems across equatorial East Africa. *American Geophysical Union Online Abstracts*, PP001-0012.
38. Hatton, K., et al. 2020. U-Pb Dating of Oligocene-Miocene Petrified Wood Carbonates from the Turkana Basin, Kenya. *American Geophysical Union Online Abstracts*, PP008-0015.
37. Cote, S. and J. Rossie. 2020. New fossil primate material from the Lothidok Formation, northern Kenya. *Vertebrate Anatomy Morphology and Paleontology* 8: 28-29. DOI 10.18435/vamp29365
36. **Cote, S.**, McNulty, K., and Kelley, J. 2019. An unusual fossil hominoid assemblage from Tinderet, Kenya. *Journal of Vertebrate Paleontology, Program and Abstracts*, p. 84-85.
35. Coombs, M., and **S. Cote**. 2019. Chalicotheres of Pakistan: Piecing together the biogeographic puzzles of a rare perissodactyl group in the Neogene of southern Asia. *Journal of Vertebrate Paleontology, Program and Abstracts*, p. 83-84.
34. Sanisidro, O., Cantalapiedra, J., and **S. Cote**. 2019. A review of African elasmotheres (Mammalia, Rhinocerotidae) and their role in early Miocene migration events into East Africa. *Journal of Vertebrate Paleontology, Program and Abstracts*, p. 186.
33. Cote, S., and Coombs, M. 2018. Chalicotheres from the Potwar Plateau, Pakistan. *Vertebrate Anatomy Morphology and Paleontology* 6: 19-20.
32. Butts, C., Cote, S., and Kingston, J. 2018. Reconstructing the paleoenvironments of Kalodirr and Moruorot, Kenya using stable carbon isotopes. *Vertebrate Anatomy Morphology and Paleontology* 6: 15-16
31. Peppe, D., **Cote, S.**, et al. 2018. Adaptable apes: reconstructing habitats through space and time in the early Miocene of East Africa. *American Journal of Physical Anthropology* 162(S64): 204 (2<sup>nd</sup> of 22 authors; Invited Symposium Podium Presentation).
30. Kingston, J., MacLatchy, L., **Cote, S.**, and Kinyanjui, R. 2018. Isotopic evidence for habitat heterogeneity at Bukwa, an early Miocene catarrhine site in Uganda. *American Journal of Physical Anthropology* 162(S64): 140 (Podium Presentation).
29. Campbell, T., Robinson, C., **Cote, S.**, and De Ruiter, D. 2018. Specimen dates and species longevity: An evaluation of the use of temporal range data for questions of ancestry in the hominin fossil record. *American Journal of Physical Anthropology* 162(S64): 41 (Podium Presentation).
28. Kinyanjui, R., Peppe, D., MacLatchy, L., Kingston, J., **Cote, S.**, et al. 2017. Early Miocene vegetation across Eastern African as reconstructed from phytolith data. *Geological Society of America* 39-2. (Podium Presentation; 5<sup>th</sup> of 12 authors)
27. Peppe, D., et al. 2017. Early Miocene paleoclimate and paleoenvironments across East Africa. *Geological Society of America* 39-5 (Podium Presentation; 11<sup>th</sup> of 17 authors).

26. MacLatchy, L., and **Cote, S.** 2017. Mixing and matching “endemic” primate taxa: a distinct combination of catarrhine primates from an early Miocene site at Bukwa, Uganda. *Journal of Vertebrate Paleontology* S37:155-156.
25. Hall, A., and **Cote, S.** 2017. Ruminant dental wear supports the existence of heterogeneous environments in the East African early Miocene. *Journal of Vertebrate Paleontology* S37: 123-124.
24. Arney, I., **Cote, S.**, Fox, D., Kingston, J., MacLatchy, L., Manthi, F., Mbuja, E., McNulty, K., and Nengo, I. 2017. Stable isotope evidence of paleoenvironments at early Miocene localities from Tinderet, Kenya. *Journal of Vertebrate Paleontology* S37: 75.
23. **Cote, S.**, and MacLatchy, L. 2017. Now they’re everywhere: new fossil primate remains from Bukwa, Uganda demonstrate that catarrhine primates are ubiquitous at East African early Miocene fossil sites. *American Journal of Physical Anthropology* 162 (S64):152.
22. Rossie, J., and **Cote, S.** 2017. New material of *Turkanapithecus* and *Simiolus* from West Turkana, Kenya. *American Journal of Physical Anthropology* 162 (S64):337.
21. Jansma, R., Nengo, I., McNulty, K., **Cote, S.**, Malit, N, and Stevens, N. 2017. New small catarrhine fossils from Songhor and Lower Kapurtay and their implications for interpreting early Miocene primate communities. *American Journal of Physical Anthropology* 162 (S64):231.
20. Muteti, S., Lehmann, T., Michel, L., **Cote, S.**, Peppe, D., Jansma, R., and McNulty, K. 2017. Yet another new cranium from the early Miocene: the most complete male cranial remains of the fossil ape *Ekembo*. *American Journal of Physical Anthropology* 162 (S64):295.
19. **Cote, S.**, Kingston, J., Deino, A., Winkler, A., Kityo, R., Murray, A., and MacLatchy, L. 2016. The Bukwa fossil locality: Implications for faunal change and palaeoenvironments in the East African early Miocene. *Vertebrate Anatomy Morphology and Palaeontology* 2: 18.
18. Kingston, L., MacLatchy, L., **Cote, S.**, Sanders, W. 2016. Isotopic perspectives on the dietary ecology of early Miocene catarrhines. *American Journal of Physical Anthropology* 159 (S62): 191.
17. **Cote, S.**, Kingston, J., Kityo, R., Mugume, A., Jenkins, K., Winkler, A., and MacLatchy, L. 2015. A new early Miocene fossil locality at Napak, Uganda (~20 Ma). *Journal of Vertebrate Paleontology* S35:110.
16. **Cote, S.** 2015. Absence of evidence or evidence of absence? The role of sampling in primate distribution patterns. *American Journal of Physical Anthropology* S60: 111. (Podium Presentation).
15. **Cote, S.**, McNulty, K., and Nengo, I. 2014. *Limnopithecus evansi* is not *Lomorupithecus harrisoni*: implications for endemism in the fossil catarrhine communities of East Africa. *Journal of Vertebrate Paleontology* S34: 113. (Podium Presentation)
14. McNulty, K., L. MacLatchy, J. Rossie, D. Peppe, I. Nengo, F. Manthi, E. Miller, N. Stevens, **S. Cote**, and T. Lehmann. 2014. A regional approach to East African early Miocene paleobiology. *Journal of Vertebrate Paleontology* S34: 185.



13. **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* S58: 98. (Podium Presentation)
12. 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* S58: 182.
11. 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* S31: 136A.
10. Seiffert, E., MacLatchy, L. and **Cote, S.** 2010. A cranium of the Early Miocene tenrec *Erythrozoetes* from Napak, Northeastern Uganda. *Journal of Vertebrate Paleontology* S30: 167A
9. 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* S29: 127A.
8. 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* S28: 110A.
7. **Cote, S.** 2007. Primate distributions and sample size effects at three Early Miocene sites in East Africa. *Journal of Vertebrate Paleontology* S27: 62A.
6. MacLatchy, L., **Cote, S.**, Kingston, J., Rossie, J., and Winkler, A. 2007. New Early Miocene localities at Napak, Uganda. *Journal of Vertebrate Paleontology* S27: 109A.
5. **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* S44: 91.
4. **Cote, S.** and Nengo, I. 2006. Two new mandibles of *Rangwapithecus gordonii* from the Early Miocene of Western Kenya. *Journal of Vertebrate Paleontology* S26: 52-53A.
3. **Cote, S.** 2004. New ruminant specimens from the Early Miocene of Karamoja District, Uganda. *Journal of Vertebrate Paleontology* S24: 48A.
2. **Cote, S.** 2003. Paleobiogeography, taphonomy, and the origin of the African hominoid clade. *American Journal of Physical Anthropology* S36: 80.
1. Polk, J.D., *Psutka, S.*, **Cote, S.**, and Lieberman, D. 2003. Running in human evolution. *American Journal of Physical Anthropology* S36: 170.

**Conference Presentations without published abstracts:**

[graduate student co-author; *undergraduate student co-author*]

Smith, T., Green, D., **Cote, S.**, and Williams, I. Dating, Isotopes, and Human Evolution Workshop, Brisbane, Australia – September 2019. “Fine-scale oxygen isotope measurements in primate teeth reveal ancient environmental variation.”

Bundala, M., Saanane, C., and **Cote, S.** East African Association of Palaeoanthropology and Palaeontology Annual Conference, Nairobi, Kenya – August 2019. “Further insight on the paleoecology of the Manyara Beds, Northern Tanzania.”

Green, D., **Cote, S.**, Williams, I., and Smith, T. 20<sup>th</sup> Congress of the International Union for Quaternary Research (INQUA), Dublin, Ireland – July 2019. “High resolution paleoenvironmental records from East African fossil apes.”

Butts, C., **Cote, S.**, and Kingston, J. University of Alberta Paleontology Society Biennial Symposium – March 2018. “Reconstructing the environments of Kalodirr and Moruorot Using Stable Isotopes.”

**Cote, S.**, Hall, A., Butts, C., and Kingston, J. Canadian Association of Physical Anthropology Annual Meeting – October 2017, Edmonton, AB. “Applying common Plio-Pleistocene paleoenvironmental proxies in deep(er) time: challenges and opportunities.”

Hall, A. and **Cote, S.** Canadian Association of Physical Anthropology Annual Meeting – October 2017, Edmonton, AB. “Ruminant Dental Wear Supports the Existence of Heterogeneous Environments in the East African Early Miocene.”

Butts, C., Cote, S., and Kingston, J. Canadian Association of Physical Anthropology Annual Meeting – October 2017, Edmonton, AB. “Reconstructing the Paleoenvironments of Kalodirr and Moruorot, Kenya Using Stable Carbon Isotopes.”

Cote, S., University of Alberta Paleontology Society Biennial Symposium – February 2016, Edmonton, AB. “The age and significance of the early Miocene locality of Moroto, Uganda.”

Cote, S., Canadian Association of Physical Anthropology Annual Meeting – October 2015, Winnipeg, MB. “High levels of endemism in East African early Miocene catarrhines: does limited migration play a role?”

Cote, S., Canadian Society of Vertebrate Paleontology Annual Meeting – August 2013, Edmonton, AB. “Building a temporal and environmental framework for primate fossil localities in the east African early Miocene”

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

## INVITED TALKS/GUEST LECTURES

Alberta Paleontological Society, Speaker Series – September 2020  
 “The REACHE Project: Apes and Environments in Eastern Africa”

Royal Tyrrell Museum, Visiting Speaker Series – March 2019  
 “Fossil Apes and Environments in Eastern Africa: an update from the REACHE Project”

University of Calgary, Department of English – March 2019  
 “What’s really going on with Neanderthals” Guest lecture in ENGL 486 for class discussion of the novel *The Last Neanderthal*.

University of Calgary, Department of Anthropology and Archaeology – March 2019  
 ANARKY Talk Series: “The REACHE Project”

National Museums of Kenya, Earth Sciences Department – January 2019  
 “Comparing Faunal Assemblages”

University of Alberta, Ecology and Evolution Speaker Series – December 2016  
 “Miocene Fossil Apes from the East African Rift Valley – The Real Roots of the Human Evolutionary Story”

University of Calgary, Department of Philosophy – March 2016  
 Guest Lecture: “Moroto as a case study in paleontological uncertainty” in PHIL 565: Philosophical Topics in the Sciences - Issues in the Historical Sciences

University of Calgary, Department of Anthropology and Archaeology – February 2015  
 “Long before Lucy: Ecology and Morphology in African Fossil Primates”

Ohio University, Department of Sociology and Anthropology – November 2014  
 “The Miocene Matters: Morphology and Ecology in African Fossil Primates”

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”

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, New Haven, CT.  
 “African Hominoid Origins”

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

#### TEACHING EXPERIENCE

**University of Calgary**

***Associate Professor, 2020-***

**Department of Anthropology & Archaeology** Instructor of Record for:

- Anthropology 309: Human Evolution
- Anthropology 605: Professional Skills for Anthropologists
- Anthropology 412: Primate Fossil Record
- Anthropology 571: Honours Seminar in Biological Anthropology

**University of Calgary**

***Assistant Professor, 2015-2020***

**Department of Anthropology & Archaeology** Instructor of Record for:

- Anthropology 201: Introduction to Primatology and Human Evolution (3 times)
- Anthropology 309: Human Evolution (4 times)
- Anthropology 412: Primate Fossil Record (2 times)
- Anthropology 505.15: Research Methods in Paleoanthropology (1 time)
- Anthropology 605: Professional Skills for Anthropologists (2 times)
- Anthropology 402: Independent Study (2 times)
- Anthropology 400: Independent Study (1 time)
- Anthropology 399: Special Topics in Anthropology (1 time)

Teaching Staff for:

- Geology 699: Paleobiology Method and Theory (2017, 2018, 2019)
- Rusinga Island Field Training (University of Minnesota) field program in Kenya (July 2016)

**University of Calgary, Department of Anthropology**

***Sessional Lecturer, 2013-2015***

Instructor of Record for:

- Anthropology 201: Introduction to Primatology and Human Evolution (6 times)
- Anthropology 309: Human Evolution (1 time)
- 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**

***PhD Students:***

- Mariam Bundala – 2019 - present
- Allyson King – 2018 - present (co-supervised by Dr. Pascale Sicotte, Concordia University)

***MA Students:***

- Carrie Daignault – 2021 – present
- Lily Hou – 2021 – present (co-supervised by Dr. Campbell Rolian, UCVM)
- Catherine Butts – 2016 - 2018
- Madison Bradley – 2016 - 2019 (co-supervised by Dr. Campbell Rolian, UCVM)

***Undergraduate Students – Research Assistants and Independent Studies:***

- Avrille Aiello (University of Calgary – Independent Study – Fall 2020)
- Julia Casorso (University of Calgary – Independent Study – Fall 2018, Fall 2020, Winter 2021)
- Amanda Neves (University of Calgary – Independent Study – Summer 2018)
- Abigail Hall (University of Calgary – Independent Study – AY 2016-2017)
- Lily Hou (University of Calgary– Sophomore Leadership Program – 2014)
- Sarah Psutka (Harvard University Undergraduate Honours Student – 2001-2002)
- 18 University of Calgary Undergraduate Students sorting microfossils in the lab (2015-present)

***PhD and MA Students – Supervisory Committee Member:***

- Selina Robson (PhD; University of Calgary – 2019 – present)
- Nicola Guthrie (PhD; University of Calgary – 2015 - present)
- Samuel Ngui Muteti (PhD; University of Minnesota – 2015 - present)
- Swellan Pinto (MA; University of Calgary – 2019 - present)
- Conrad Wilson (MSc; University of Calgary – 2017 - 2019)
- Selina Robson (MSc; University of Calgary – 2016 - 2018)
- Josie Vayro (PhD; University of Calgary – 2015 - 2017)

***PhD and MA Students – Examination Committee Member:***

- Jared Voris (MSc; University of Calgary – 2018; internal external)
- Tasha Cammidge (MSc; University of Calgary – 2016; internal external)
- Chelsey Zurowski (MSc; University of Calgary – 2016; internal external)
- Matthew Szostakiwskyj (MSc; University of Calgary – 2016; internal external)

**PhD Candidacy Examinations:**

- Pamela Narvaez (University of Calgary – 2020)
- Jared Voris (University of Calgary – 2021)

**FIELDWORK**

**Uganda**

- 2015: Geology and Paleoenvironments at Moroto, Bukwa, and Napak; collaboration with Dr. Laura MacLatchy (University of Michigan) and Dr. John Kingston (University of Michigan)
- 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**

- 2018, 2016, 2015: Kalodirr and Moruorot, West Turkana; collaboration with Dr. James Rossie (Stony Brook)

- 2008: Kalodirr and Moruorot, West Turkana; collaboration with Dr. James Rossie (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 AND RESEARCH EXPERIENCE**

### **National Museums of Kenya**

- 2015-present: REACHE Project - Miocene vertebrates and paleoecology of West Turkana with Dr. James Rossie
- 2014-present: Small catarrhines from Songhor with Dr. Kieran McNulty, Dr. Isaiah Nengo, Mr. Rutger Jansma, Dr. Fredrick Kyalo, and Dr. Emma Mbua
- 2009: Ruminants from the Early Miocene site of Rusinga with Dr. Kieran McNulty
- 2008-2006: New remains of the Miocene primate *Rangwapithecus gordonii* with Dr. Isaiah Nengo
- 2007-2005: 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-present: REACHE Project – Ugandan early Miocene mammals with Dr. Laura MacLatchy and Dr. John Kingston. Project website: <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

### ***Internal Service and Committee Memberships***

- Department of Anthropology and Archaeology Undergraduate Program Director- July 2021 to present
- Department of Anthropology and Archaeology Undergraduate Program Committee – Winter 2020 to present
- Member of the Teaching Academy – Taylor Institute for Teaching and Learning – 2016 – present
  - Teaching Academy Steering Committee – Fall 2020 to present
  - Members of the teaching academy have all received Taylor Institute teaching awards
- Department of Anthropology and Archaeology Graduate Program Committee – AY 2018-19
- Department of Anthropology and Archaeology TUCFA representative – Winter 2019
- Faculty of Graduate Studies – Graduate Scholarship Committee – AY 2017-18
- East Africa Regional Advisory Council – AY 2016 - 2017
- Department of Anthropology and Archaeology Academic Search Committee (internal member) – for a position in “Sustainability and Development” – AY 2015-2016 and AY 2016-2017
- Graduate Student Representative, Harvard University Department of Anthropology

### ***External Organizations:***

- Program Committee – American Association of Physical Anthropology, 2020-2022
- Member of the Scientific Committee – 2nd Virtual Paleontological Congress, May 2020
- Host Committee Co-Chair – Society of Vertebrate Paleontology Annual Meeting, August 2017, Calgary, Alberta
  - Some conference events funded by *SSHRC Connection Grant*
- Communications Committee – Society of Vertebrate Paleontology – 2015 - present
- Session Chair (Paleoanthropology: Hominins, taxonomy, and taphonomy) – American Association of Physical Anthropology Annual Meeting, 2015
- Program Committee – American Association of Physical Anthropology, 2014-2016
- Session Co-Chair (Technical Session: Euarchontoglires) – Society of Vertebrate Paleontology Annual Meeting, 2014
- Local Arrangements Committee – American Association of Physical Anthropology 83<sup>rd</sup> Annual Meeting, April 2014, Calgary Alberta
- Prehistory Club of Kenya, Member and Occasional Lecturer
- Co-organizer, 2<sup>nd</sup> New England Biological Anthropology Symposium (2003)
- Contributor to the Paleobiology Database (<http://www.pbdb.org>)

### ***Editorial Boards:***

- *Vertebrate Anatomy Morphology and Paleontology*

### ***Peer Review:***

- *Evolutionary Anthropology*
- *Nature Ecology and Evolution* x 2
- *Journal of Human Evolution* x 3
- *Historical Biology*
- National Science Foundation – 4 research grants; 1 DDIG
- Natural Sciences and Engineering Research Council of Canada
- National Geographic Society
- The Leakey Foundation x 2
- *Journal of Vertebrate Paleontology* x 2
- *Zoological Journal of the Linnean Society*
- University of California Press
- Brill Academic Publishers

**Professional Memberships:**

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

**MEDIA COVERAGE**

Sept 2017      CBC News. *Paleoart: U of C casts spotlight on bridge between art and dinosaurs.*  
<http://www.cbc.ca/news/canada/calgary/paleoart-university-of-calgary-1.4293023>

UToday. University of Calgary. *Evolving, disciplined world of paleoart in spotlight.*  
<https://www.ucalgary.ca/utoday/issue/2017-09-12/evolving-disciplined-world-paleoart-spotlight-beakerhead>

**ADDITIONAL TRAINING**

**Certificates**

- Personal Effectiveness in the Academy, Office of the Provost, U of Calgary, Spring 2016
- Instructional Skills Workshop, University of Calgary Teaching and Learning Centre, January 2013
- Program Evaluation. The Canadian Evaluation Society, June 2011

**Other Courses**

- Phylogenetics Workshop, University of Alberta, April 2018
- 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, basic GIS, Adobe Creative Suite



**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	Dr. Pascale Sicotte Department of Anthropology & Archaeology University of Calgary 2500 University Drive NW Calgary, AB T2N 1N4 sicotte@ucalgary.ca