

Gráinne Michelle McCabe, Ph.D.

Curriculum Vitae

Current Positions:

Post-doctoral Research Associate
Bioko Biodiversity Protection Program (Drexel University)

Faculty, School of Environmental Sciences, Universidad Nacional de Guinea Ecuatorial (UNGE)

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Education

- 2006-2012 Ph.D. Anthropology, University of Texas at San Antonio, TX
Reproductive ecology of the Sanje Mangabey in the Udzungwa Mountains, Tanzania
Committee: Dr. Carolyn Ehardt, Dr. Thad Bartlett, Dr. Joanna Lambert, Dr. Jill Fleuriet,
Dr. Jyotsna Sharma
- 2002-2005 M.A. Physical Anthropology, Primatology, University of Calgary, Canada
Diet and Nutrition in White-faced Capuchins (*Cebus capucinus*): Effects of Group, Sex
and Reproductive State
Committee: Dr. Linda Fedigan, Dr. Mary Pavelka, Dr. M. Anne Katzenberg
- 1997-2001 B.Sc. Physical Anthropology, Primatology, University of Calgary, Canada

Peer Reviewed Publications

McCabe GM, Emery Thompson M. 2013. Capital breeding strategy increases female reproductive success in wild Sanje mangabeys (*Cercocebus sanjei*). *Behaviour* 150: 1399-1429.

McCabe GM, Fernández D, Ehardt CL. 2013. Ecology of reproduction in Sanje mangabeys (*Cercocebus sanjei*): Dietary strategies and energetic condition during a high fruit period. *American Journal of Primatology* 75:1196–1208.

McCabe GM, Emery Thompson M, Ehardt CL, Gillespie TR. In review. Trade-offs between reproduction and immune response: Reproductive state affects patterns of parasitism in female Sanje mangabeys (*Cercocebus sanjei*). *International Journal of Primatology*.

Erb W, Ossi-Lupo K, **McCabe G**, Fernández D. 2012. Review: 2011 Meeting of the American Society of Primatologists. *Evolutionary Anthropology* 21:3-4.

McCabe GM, Fedigan LM. 2007. Effects of reproductive status on dietary and nutritional patterns among female white-faced capuchins (*Cebus capucinus*). *International Journal of Primatology* 28:837-851.

Manuscripts In Preparation

McCabe GM, Fernández D, Ehardt CL. In prep. Seasonality of mortality in infant Sanje mangabeys.

McCabe GM, Wieczkowski J, Ehardt CL. In prep. Seeds as a fallback resource for East African *Cercocebus*.

Conference Abstracts

McCabe GM, Fernández D. 2013. Prepping for pregnancy: Energy balance and diet quality during preconception in Sanje mangabeys (*Cercocebus sanjei*). American Journal of Physical Anthropology 150(S56):193.

McCabe GM, Emery Thompson M. 2012. Nursing and maternal energy balance in wild Sanje mangabeys, *Cercocebus sanjei*, in the Udzungwa Mountains, Tanzania. American Journal of Physical Anthropology 147(S54):207.

McCabe GM. 2011. Reproductive seasonality in relation to food availability in wild female Sanje mangabeys, Udzungwa Mountains National Park, Tanzania. American Journal of Primatology 73(1):104.

Ehardt CL, **McCabe GM**. 2011. Seed consumption in the Sanje mangabey (*Cercocebus sanjei*) of Tanzania: Age/sex parameters and the fallback food concept. American Journal of Primatology 73(1):106.

McCabe GM, Fernández D, Ehardt CE. 2011. Infant mortality and seasonality in wild Sanje mangabeys, *Cercocebus sanjei*. American Journal of Physical Anthropology 144 (S52): 210.

Melin A, **McCabe G**, Fedigan L. 2008. Are colorful fruits more nutritious? An assessment of the importance of colour vision for frugivory by capuchin monkeys. Canadian Association of Physical Anthropology Newsletter: Spring Edition.

McCabe GM, Joachim LRS. 2008. The 21st Century Male: a case of unexpected care-giving in an alpha male capuchin (*Cebus capucinus*) (Abstract). Primate Eye 96.

McCabe G, Fedigan LM. 2005. Eating for two? The effect of reproductive state on the diet and nutrition of free-ranging female white-faced capuchins (*Cebus capucinus*) in Costa Rica. American Journal of Primatology 66 (S1): 112.

McCabe GM, Fedigan LM. 2005. Nutritional composition and variation of the capuchin diet. Canadian Association of Physical Anthropology Newsletter: Spring Edition.

McCabe GM, Fedigan LM. 2004. Do capuchins eat a high fat diet when it rains? Determining the nutritional composition of the diet of *Cebus capucinus*. Canadian Association of Physical Anthropology Newsletter: Spring Edition.

Organized Symposia

2011 **McCabe GM**, Fernández D. Reproduction, behavioral ecology and conservation of *Cercocebus* mangabeys. The 34th Annual Meeting of the American Society of Primatologists, Austin, TX, September 2011. American Journal of Primatology 73(1):104.

Teaching Experience

Adjunct Faculty Appointments

- 2012-2013 Department of Anthropology, University of Calgary
Primate Behaviour, Introduction to Primatology and Human Evolution, Sex and Gender
- 2013 Department of Sociology and Anthropology, Mount Royal University, Calgary
Introduction to Primatology and Human Evolution
- 2007-2011 Department of Anthropology, University of Texas at San Antonio
Introduction to Physical Anthropology, Introduction to Anthropology
- 2008 T.R.E.E. Field Studies, Costa Rica
Primate Behavior & Ecology Field Course

Laboratory Instructor Appointments

- 2003 Department of Anthropology, University of Calgary
Primate Evolution

Field Experience

- 2012 Co-Principle Investigator, Udzungwa Mountains National Park, Tanzania: Demography and life history monitoring of Sanje Mangabeys (*Cercocebus sanjei*) in the Udzungwa Mountains National Park, Tanzania.
- 2011 Course Organizer, T.R.E.E. Field Studies: Primate Conservation in Tanzania.
- 2009-2010 Co-Principle Investigator, Udzungwa Scarp Forest Reserve, Tanzania: Effects of Human Encroachment on Parasite Infection in the Endangered Sanje Mangabey, *Cercocebus sanjei*, in the Udzungwa Scarp Forest Reserve, Tanzania.
- 2005-2006 Project Manager, Santa Rosa National Park, Costa Rica: Reproductive strategies of female white-faced capuchins, University of Calgary.

Laboratory Experience

- 2003 Nutritional analysis of primate foods, Department of Agriculture Nutrition Laboratory, University of Alberta, Canada.
- 2002-2003 Animal Care Technician, Department of Medicine, University of Calgary.

Academic Committee Participation

- 2013 Stephanie Fox, MA Thesis Proposal, University of Calgary: Male-immature interactions in *Colobus vellerosus*.

Workshop Participation

- 2011 Behavioral Ecology Group, Stony Brook University, NY

- 2011 Student Conference on Conservation Science – New York: Conflicts about wildlife: Is the next generation of conservation scientists prepared?
- 2010 Udzungwa Mountains National Park General Management Plan Review Workshop, Mang'ula, Tanzania
- 2007-2008 Anthropological Graduate Student Association at UTSA, Workshop Series on Society, Culture, and Environment
- 2007 The American Association of Anthropological Genetics: Workshop on Anthropological and Primate Genetics, Southwest Foundation for Biomedical Research, San Antonio, TX

Invited Presentations

- 2012 Factors impacting the reproductive success of mangabey mothers. Visiting Speakers in Primatology Series. Department of Anthropology, University of Calgary, Canada.
- 2011 Lessons from the field. Department of Anthropology Brown Bag Series, University of Texas at San Antonio, TX.
- 2010 A Monkey Tale: Research, Conservation and Community in Tanzania. Learning over Lunch, Human Services Division, Government of Alberta, Canada.
- 2009 Bushmeat hunting and the pet trade of primates. International School of Tanganyika. Udzungwa Ecological Monitoring Center, Mang'ula, Tanzania.
- 2007 Effects of reproductive status on energy intake, ingestion rates, and dietary composition of female *Cebus capucinus* at Santa Rosa National Park, Costa Rica. Texas Biological Anthropologists Consortium, First Annual Conference, Austin, TX, USA.
- 2004 Tres Monos (Three monkeys): A determination of the differences between three species of Costa Rican primate at Santa Rosa National Park. Conference for Education of Costa Rican School Children, Santa Rosa National Park, Costa Rica.

Professional & Academic Services

- 2007-present **Co-Founder, Instructor**, Tropical Research in Ecology & Ethology Field Studies (T.R.E.E.)
- 2010-present **Committee Member**, American Society of Primatologists Conservation Committee
- 2009-present **Webmaster**, Wildlife Direct blog “*Mangabey Madness*” (<http://mangabeymadness.wildlifedirect.org>) In collaboration with D. Fernández
- 2009-2010 **Guest Speaker** on the Sanje mangabey at Tanzanian primary and secondary schools neighboring the Udzungwa Mountains and Dar es Salaam
- 2010-present **Member**, Lambda Alpha Anthropology Honors Society, University of Texas at San Antonio
- 2007-2008 **Director of Events/Webmaster**, Anthropology Graduate Students Association, UTSA
- 2007-2008 **Editor**, Anthropology Graduate Students Association Newsletter, UTSA

Grants, Awards & Scholarships

- Rowe Wright Primate Fund (2011)
- The Mohamed bin Zayed Species Conservation Fund (2010)
- The Leakey Foundation (2009)
- National Science Foundation Doctoral Dissertation Improvement Grant (2009)
- Primate Conservation, Inc. (2008 – 2009)
- Conservation International Primate Action Fund (2008 – 2009)
- IDEA Wild (2008)

Collaborators

Dr. Carolyn Ehardt, University of Texas at San Antonio; **Dr. Linda Fedigan**, University of Calgary; **David Fernández**, Stony Brook University, New York; **Dr. Thomas Gillespie**, Emory University; **Dr. Lorna Joachim**, University of New Mexico; **Dr. Abiliza Kimambo**, Sokoine University of Agriculture, Tanzania; **Gedalia Muffui**, Sokoine University of Agriculture, Tanzania; **Dr. Francesco Rovero**, Museo Tridentino di Scienze Naturali; **Dr. Nelson Ting**, University of Oregon; **Dr. Melissa Emery Thompson**, University of New Mexico, **Dr. Amanda Melin**, Dartmouth College; **Dr. Gail Hearn**, Drexel University; **Dr. Shaya Honarvar**, Drexel University; **Dr. Drew Cronin**, Drexel University.