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MICHELLE L. SAUTHER PROFESSOR

EDUCATION

- Ph.D 1992** **Washington University**-Anthropology. Dissertation Title: *Interindividual variability in the feeding ecology of populations of wild Lemur catta*. Dissertation Director: R.W. Sussman.
- M.A. 1984** **Arizona State University**-Anthropology. Thesis Title: *The effect of sex and reproductive state on feeding ecology in Galago senegalensis braccatus*. Thesis Director: L.T.Nash.
- B.A. 1981** **Montana State University**-Anthropology.

PROFESSIONAL HISTORY

- 2014-** Professor of Anthropology, University of Colorado, Boulder, CO.
- 2005-2014** Associate Professor of Anthropology, University of Colorado, Boulder, CO.
- 1998-2005** Assistant Professor of Anthropology, University of Colorado, Boulder, CO.
- 1998** Instructor, Primate Ecology Field School, Bocas del Toro Field Station, Panama, C.A.
- 1995-1998** Instructor, Anthropology Department, University of Colorado, Boulder, CO.
- 1996** Instructor, Primate Ecology Field School, La Suerte Biological Field Station, Costa Rica, C.A
- 1994-1995** Instructor, Anthropology Department, University of Missouri, Columbia, MO.
- 1992-1994** Research Assistant, Washington University School of Medicine. Department of Surgery, St. Louis, MO.
- 1986-1987** Instructor, Anthropology Department, Washington University, St. Louis, MO.

EXTRAMURAL GRANTS (Awarded) *Italicized are Dr. Sauther's graduate students.*

- 2023** **National Science Dissertation Improvement Grant.** Sauther, ML (PI) and Dalton J. (Co-PI). "Cognitive ecology of a nocturnal strepsirrhine primate (*Otolemur crassicaudatus*) and its implications on primate cognitive evolution." \$25,098.00
- 2017-2020** **National Science Foundation, BCS Biological Anthropology.** "Extreme Primates: Physiological and Behavioral Responses to a Temperate Primate Niche Using a Strepsirrhine Model". Sauther ML, Cuzzo FP. \$245,431.
- 2014** **Primate Conservation International.** "The ecology of a threatened animal community facing varying ecological and anthropogenic conditions in the new Tsinjoriake protected area, an endangered coastal habitat in Southwestern Madagascar. Dr. Jacky Youssouf, Dr. Michelle Sauther, Dr. Frank Cuzzo. \$3,600.
- 2014** **International Primatological Society.** Alison Jolly Conservation Award. "The ecology of a threatened animal community facing varying ecological and anthropogenic conditions in the new Tsinjoriake protected area, an endangered coastal habitat in Southwestern Madagascar". Dr. Jacky Youssouf, Dr. Michelle Sauther, Dr. Frank Cuzzo. \$1,995.

- 2013 University of North Dakota Faculty Research Seed Money Council Award.** "The effect of body size on wild galago ecology and behavior at the Lajuma Research Center, South Africa." PI FP Cuozzo (UND); co-PIs, Dr. Michelle Sauther (University of Colorado-Boulder), Dr. Ian Gaigher (University of Venda [South Africa]), Dr. Krista Fish (Colorado College), \$17,300.00.
- 2012 National Science Dissertation Improvement Grant.** Sauther, ML (PI) and *Millette J.* (Co-PI). "Challenging assumptions of dental senescence using a primate comparative framework." \$24,733.00.
- 2012 American Society of Primatologists Conservation Small Grant:** "A Comparison of Health Parameters of Endangered, Wild Ring-Tailed Lemurs (*Lemur catta*) across Two Habitats and with Varied Levels of Human Disturbance at the Beza Mahafaly Special Reserve, Madagascar." (PI – Cora L. Singleton, DVM, Riverbanks Zoo and Garden; co-PIs, Michelle L. Sauther, University of Colorado-Boulder, Frank P. Cuozzo, University of North Dakota). \$800.00.
- 2011 Riverbanks Zoo and Garden Conservation Support Fund.** PI – Aimee M. Norris, Riverbanks Zoo and Garden; co-PI, Michelle L. Sauther University of Colorado-Boulder; Frank P. Cuozzo, co-PI, University of North Dakota. "Evaluation of Urine Parameters in Wild Ring-tailed Lemurs (*Lemur catta*)." \$5,000.00.
- 2011 Riverbanks Zoo and Garden Conservation Support Fund.** PI – Cora L. Singleton, DVM, Riverbanks Zoo and Garden; co-PI, Michelle L. Sauther University of Colorado-Boulder; Frank P. Cuozzo, co-PI, University of North Dakota. "Comparison of White Blood Cell Count Tests in Wild Ring-tailed Lemurs (*Lemur catta*).". \$940.00.
- 2010 National Science Dissertation Improvement Award.** Sauther, ML (PI) and *LaFleur M.* "Testing the Energy Conservation Hypothesis for Female Dominance in Wild Ring-tailed Lemurs with Implications for the Evolution of Lemur Traits." \$17,560.00.
- 2009 National Science Foundation.** "Understanding Intraspecific Variation in Primate Dental Wear: The Role of Environment and Diet." \$199,500.00 (with Co-PI's: Frank P. Cuozzo, University of North Dakota, Dr. Nayuta Yamashita, University of Southern California, Dr. Peter Ungar, University of Arkansas).
- 2008 Primate Conservation Incorporated.** "An Ethnoprimateological Approach to Assessing Feral Animal Predation of Endangered Wild Lemurs and Domestic Livestock at Beza Mahafaly, Madagascar." (Frank P. Cuozzo, PI; Co-PIs, Michelle Sauther, University of Colorado, Ibrahim Antho Youssef Jacky, University of Toliara). \$2,542.00.
- 2008 International Primatological Society, Conservation Grant.** "An Ethnoprimateological Approach to Assessing Feral Animal Predation of Endangered Wild Lemurs and Domestic Livestock at Beza Mahafaly, Madagascar." (Frank P. Cuozzo, PI; Co-PIs, Michelle Sauther, University of Colorado, Ibrahim Antho Youssef Jacky, University of Toliara). \$1,422.00.
- 2007 Margot Marsh Biodiversity Foundation.** "Introduced Mammal Predation of Wild Lemurs at Beza Mahafaly Special Reserve, Madagascar: A Systematic Threat Assessment." Sauther ML (PI), FP Cuozzo, I.A. Jacky Youssef. \$10,000.00.
- 2006 NSF Dissertation Improvement Award.** Sauther, ML (PI) and *Whitelaw, D.* "Wild Ring-tailed Lemur (*Lemur catta*) Responses to Habitat Variability in Southwestern Madagascar: A Niche Variation Approach". \$5,060.00.
- 2006 St. Louis Zoological Park, Field Research in Conservation Program.** Cuozzo FP and Sauther, ML (Co-PI). "The Conservation Implications of Dental Pathology and Tooth Wear in Wild Ring-Tailed Lemurs: A Comparison of Two Habitats." \$9,933.95 (FRC 06-1).

- 2006 North Dakota EPSCoR (Experimental Program to Stimulate Competitive Research) Infrastructure Improvement Program Seed Grant.** FP Cuzzo (PI), ML Sauther (Co-PI). "Evolutionary and Conservation Implications of Dental Pathology and Tooth Wear in Wild Ring-Tailed Lemurs: A Comparison of Two Habitats." \$17,260.00.
- 2005 NSF Dissertation Improvement Award.** Sauther ML (PI) and *Loudon, J.* "Behavioral and Ecological Adaptations for Parasite Avoidance in Wild *Lemur catta*." \$11,944.000
- 2005 ASP Conservation Grant.** Sauther ML (PI). "Assessing Viral and Bacterial Exposure in Wild Ring-tailed Lemurs: An Inter-population Survey of Ring-tailed Lemur Health and Disease Ecology." \$ 1,000.00
- 2004 National Geographic Society.** Sauther ML (PI). Effects of Habitat Variation on Health, Demographic and Genetic Parameters of Wild Ring-tailed Lemurs, *Lemur catta*." Total Award: \$23,815.00.
- 2003 John Ball Zoo Society Wildlife Conservation Fund.** Sauther ML (PI). "Ocular Pathology of Wild Ring-tailed Lemurs in Madagascar." Total Award: \$1,000.00
- 2003 Lindbergh Fund.** Sauther, ML (PI). "Effects of Habitat Variation on health and genetic parameters of wild *Lemur catta*." Total Award: \$10,420.00.
- 2002 St. Louis Zoo Field Research in Conservation Program.** Sauther ML (PI). "Effects of Habitat Variation on Health and Genetic Parameters of Wild *Lemur catta*." Total Award: \$10,000.00.
- 2002 Primate Conservation International.** Sauther ML (PI). "Effects of Habitat Variation on Health and Genetic Parameters of Wild *Lemur catta*." Total Award: \$2,000.00.
- 1997 Percy Sladen Trust.** Sauther ML (PI). "A Preliminary Census and Study of Group Composition and Habitat Use of the Primates of the Iwokrama Reserve, Guyana." Total Award: \$2,000.00.
- 1995 Wenner-Gren Foundation.** Sauther ML (PI). A Study of the Genetics of Free-ranging Ringtailed Lemurs in Southwestern Madagascar." Total Award: \$5,600.00.
- 1992 NSF travel grant.** Sauther ML. Meeting of the International Primatological Society Strasbourg, France. Total Award: \$1,000.00
- 1989 American Association of University Women Dissertation Fellowship.** Sauther ML. Total award: \$5,000.00.
- 1987 Dissertation Field Work** Sauther ML (PI). "A Study of Ringtailed Lemur Socioecology at Beza Mahafaly, Madagascar":
 -**National Science Foundation Dissertation Grant.** Total Award: \$10,000.00.
 -**Fulbright Collaborative Grant.** Total Award: \$3,848.00.
 -**Leakey Foundation.** Total Award: \$3,690.00.
 -**Sigma Xi.** Total Award: \$300.00.
 -**Boise Fund.** Total Award: \$750.00.
 -**National Geographic Society.** Total Award: \$9,000.00.
- 1984 Travel Grant.** Sauther ML. The Gordon Research Conference on Diet and Human Evolution. Oxnard, California. Total Award: \$300.00.

INTRAMURAL GRANTS (collaborative institutions)

- 2012 North Dakota EPSCoR (Experimental Program to Stimulate Competitive Research) Small Award.** "Initial Assessment of the Primate Community in an Endangered Coastal Habitat at the New Tsinjoriake Protected Area, Toliara, Madagascar." (Frank P. Cuzzo, PI; co-PI Dr. Michelle Sauther, University of Colorado-Boulder) \$2,500.00.
- 2012 University of North Dakota Faculty Research Seed Money Council Award.** Ovtchinnikov, IV (PI), Cuzzo, FP (Co-PI), Sauther, ML (Co-PI). "Using ancient DNA to understand extinction dynamics of the primate megafauna of Madagascar." \$20,091.00.
- 2007 University of North Dakota Faculty Research Seed Money Council Award.** FP Cuzzo (PI), Sauther ML (Co-PI). "Using Dental Ecology to Test the Evolutionary Disequilibrium Hypothesis in Madagascar." \$24,180.00.
- 2007 University of North Dakota, Arts, Humanities and Social Sciences Award.** FP Cuzzo (PI), Sauther ML (Co-PI). "An Ethno-Primatological Approach to Assessing Predation Pressure on Endangered Wild Lemurs and Domestic Animals at Beza Mahafaly Madagascar." \$4,620.00.
- 2007 University of North Dakota, Senate Scholarly Activities Committee Research and Creativity Award.** FP Cuzzo (PI), Sauther ML (Co-PI). "Introduced Mammal Predation of Wild Lemurs at Beza Mahafaly Special Reserve, Madagascar: A Systematic Threat Assessment." \$2,000.00.

INTRAMURAL GRANTS (home institution)

- 2022 Research & Innovation Seed Grant.** Big Data for Small Nocturnal Primates: Development and Field Testing a New Monitoring System to Deliver Rich Real Time Data to Rexord Small Primate Spatial and Social Movement. ML Sauther (PI), R. MacCurdy (Co-PI). \$49,989.
- 2016 A&S Fund for Excellence.** "International Travel To attend the 7th Annual National Zoological Gardens of South Africa Research Symposium, Pretoria, South Africa". \$1,500.
- 2013 University of Colorado Outreach Awards.** "Conservation Education and Community Based Research in an Endangered Madagascar Coastal Habitat." \$7,100.00
- 2012 ASC Dean's Fund for Excellence.** "The effect of body size on wild galago ecology and behavior at the Lajuma Research Center, South Africa." \$900.
- 2009 LEAP Individual Growth Grant.** "Wisdom of the Bones, Using Skeletal Materials to Assess Patterns of Health Among Madagascar's Living and Extinct Lemurs. \$2,000.00.
- 2008 Innovative Grant Program, IGP (University of Colorado),** "Using Biogeochemistry to Assess Human-Induced Ecological Disequilibrium in Madagascar." (Co-PI with Michelle Sauther and Matt Sponheimer, University of Colorado) \$27,813.00.
- 2006 CU-Boulder Outreach Committee.** "The Beza Mahafaly Biology and Behavior Website." Sauther M.L. (PI) \$540.00.
- 2006 CRCW.** Sauther, ML (PI) "Environmental Effects on Tooth Wear and Growth in an Omnivorous Primate: A Comparison Across Habitats." \$6,900.00.
- 2003 University of Colorado Seed Grant.** Sauther ML (PI). "Effects of Habitat Variation on Health and Genetic Parameters of Wild *Lemur catta*." Total Award: \$7,000.00.

- 2002** University of Colorado Dean's Fund. Sauther ML (PI). "Effects of Habitat Variation on Health and Genetic Parameters of Wild *Lemur catta*." Total Award: \$600.00.
- 2002** University of Colorado Grant in Aid. Sauther ML (PI). "Effects of Habitat variation on Health and Genetic Parameters of Wild *Lemur catta*." Total Award: \$7,000.00.
- 2001** Dean's Fund Grant. Sauther ML (Co-PI) and Covert. B. "A Biometric Analysis of Cranial Sexual Dimorphism in the Ring-tailed Lemur *Lemur catta*." Sauther M.L. Total Award. \$1,200.00
- 2000** Junior Faculty Fellowship. Sauther ML (PI). "Determination of the Range Limits and Population Density of *Lemur catta*." Total Award: \$5,000.00
- 1997** The Burt Fund. Sauther ML (PI). "A Preliminary Census and Study of Group Composition and Habitat Use of the Primates of the Iwokrama Reserve, Guyana." Total Award: \$1,000.00.
- 1990** Washington University Travel Fellowship. Sauther ML. Total Award: \$500.00.
- 1985** Arizona State University Grant-In-Aid, Sauther ML (PI). "Dietary Behavior of *Galago sp.* in Kenya." Total Award: \$1,000.00.

HONORS AND AWARDS

- 2022 Outstanding Faculty Mentor Award.**
- 2022 Graduate School Summer Fellowship.** With graduate student Julie Thomas.
- 2022 Graduate School Dissertation Completion Fellowship.** With graduate student Kathleen McGuire.
- 2020 University of Colorado College Scholar Award.**
- 2020 Boulder Faculty Excellence Award in Research for 2019-2020.**
- 2019 University Research Opportunity Grant For Empirical, Experimental And Theoretical Research Projects.** With Mr. Anthony Borrego. Project Title: Assessment of Diet in Wild Galagos Using Fecal Analyses.
- 2018 Winner of Best Poster.** Sauther ML, Cuozzo FP. The dental ecology of African strepsirrhines (Mammalia; Primates). 92nd Annual Meeting of the German Society for Mammalian Biology. September 17-20th, Koenig Museum, Bonn Germany.
- 2018 PLOS Neglected Tropical Diseases Lead Article Cover** for Honap TP, Pfister L, Housman G, Mills S., Tarara RP, Suzuki K, Cuozzo FP, Sauther ML, Rosenberg MS, Stone AS. 2018. *Mycobacterium leprae* genomes from naturally infected nonhuman primates. PloS Neglected Tropical Diseases 12(1):e0006190. <https://doi.org/10.1371/journal.pntd.0006190>
- 2016 Journal Primates 2016 Most-Cited Paper Award.** LaFleur M, Sauther M, Cuozzo F, Yamashita N, Jacky Youssouf IA, Bender R (2014) Cathemerality in wild ring-tailed lemurs (*Lemur catta*) in the spiny forest of Tsimanampetsotsa National Park: camera trap data and preliminary behavioral observations. *Primates* 55: 207–217
- 2014 Promotion to Full Professor.**

- 2014 Acknowledged in an article of OnlinePhDProgram.org recognizing the compelling work of professors at some of the top research universities in the United States:**
<http://onlinephdprogram.org/notable-research-professors/>. The article recognizes faculty from universities across the US that are designated as having high or very high research activity on the Carnegie Classification of Institutions of Higher Education.
- 2013 University Research Opportunity Grant For Empirical, Experimental And Theoretical Research Projects.** With Miss Sara Fardi. Project Title: Enviromental Effects On Primate Neurobiology.
- 2013 University Research Opportunity Grant For Empirical, Experimental And Theoretical Research Projects.** With Mr. Anthony Massaro. Habitat Effects On Patterns Of Enviromental Grit – Laboratory Analysis.
- 2012 University Research Opportunity Grant For Empirical, Experimental And Theoretical Research Projects.** With Mr. Anthony Massaro. Habitat Effects On Patterns Of Enviromental Grit - Original Research In Madagascar.
- 2012 University of Colorado College Scholar Award.**
- 2012 Work highlighted in an online article “Looking Out For Lemurs in Madagascar.** The Boulder Stand. January 9th, 2012. <http://www.theboulderstand.org/2012/01/09/looking-out-for-lemurs-in-madagascar/#more-1978>
- 2011 Award for Best Poster Presentation** at the 15th International Symposium on Dental Morphology, Newcastle-Upon-Tyne, United Kingdom, August.
- 2010 Work highlighted in: Forsythe E. Primate News: Compassionate Fossils and Toothless Lemurs.** Popular Anthropology 1 (2): 28-29.
- 2009 Featured in “Lemuri: Questi Nostri Antenati Viventi Cos Svegli Da Contare Fino a 10”** by Giuliano Aluffi, Il Venerdi Di Repubblica, March 2009.
- 2008 Featured in “Physical Anthropologists Return to the Heartland”.** Overview of the 77th Annual Meeting of the American Society of Physical Anthropology. Evolutionary Anthropology 17:163-165.
- 2008 Featured in BBC Wildlife Magazine “Why Study Lemurs”.** JULY 2008.
- 2007 Council for the Advancement and Support of Education (CASE) National Circle of Excellence Silver Award** for the web site: Beza Mahafaly Lemur Biology Project.
- 2007 Council for the Advancement and Support of Education (CASE) District Bronze Award** for the web site: Beza Mahafaly Lemur Biology Project.
- 2007 Collaborative work featured in Indianapolis Zoo Volunteer Zoosletter, 20:1.**
- 2006 Featured in AMNH film “Madagascar: An Island of Change.”**
http://www.youtube.com/watch?v=JB5r2_Yxnj0
- 2006 Featured in an on-line essay in the American Museum of Natural History’s Science Bulletins** entitled “Lemurs of Madagascar: Surviving on an Island of Change”
- 2006 Collaborative work featured in Indianapolis Zoo Volunteer Zoosletter, 19:5.**
- 2006 Collaborative work featured in November, 2006 edition of Connect: Association of Zoos and Aquariums “Project Lemur Includes Mutiple Research Phases”** by Lynne Villers, Cheryl Lent and Judith L.Gagen. pp. 18-20.

2002 Community Builder Brick Award Recipient.

2002 Residence Life Academic Teaching Award.

1999 CRCW Junior Faculty Development Award.

1985 Washington University Graduate Fellowship.

1984 Arizona State University Graduate Fellowship.

RESEARCH

FIELD, CAPTIVE AND MUSEUM RESEARCH

Conservation biology: 2007-2013

Assessment of Feral Animal Predation on Endangered Wild Lemurs at Beza Mahafaly Special Reserve, Madagascar.

- Feral dog and cat census using camera trap technology,
- Analysis of feral and endemic carnivoran scat samples for lemur remains,
- Collection of ethnographic, ethnozoology and ethnoprimate data among local people.

Conservation Education and Community Based Research in an Endangered Coastal Habitat in the New Tsingiro Protected Area, Southwestern Madagascar

- Training of local people and students in the contemporary field methods central to successful conservation biology,
- Ecological studies and demographic surveys to establish the major threats to the endangered ring-tailed lemur's survival in the area,
- establish a sustainable, community-based conservation program that will focus on the unique plant and animal community ecology of this endangered habitat while at the same time developing educational resources in environmental education and biology at the University of Toliara.

PRIMATE BIOLOGY – WILD, CAPTIVE, AND LABORATORY

Effects of Habitat Variation on Growth and Development, Demography, Health and Genetic Parameters of Wild Strepsirrhine Primates in Madagascar and South Africa

2013-present – *Otolemur crassicaudatus* and *Galago moholi* at Lajuma South Africa

Using state of the art methods, including thermal imaging, this project focuses on the ecology, biology, thermoregulation, population demography and health of two sympatric galago species. Research here centers on understanding how primates living outside of tropical climates adjust to challenging environmental constraints. It includes research on the conservation biology of wild galagos, and population and conservation genetics of wild galagos.

- *Otolemur crassicaudatus* Biogeography in South Africa.
- Comparative thermal ecology of *Otolemur crassicaudatus* and *Galago moholi*.
- Ecophysiology of the strepsirrhine primate *Otolemur crassicaudatus*: gut microbial profiling, endocrinology, metabolomics.
- Conservation genetics of *Otolemur crassicaudatus*.
- Yearly demography

- Nutritional ecology using fecal sampling.
- Isotopic ecology
- Sympatric primate's use of acacia gum via camera trap methods.
- Acacia gum nutrition.
- Biometrics and health.

2006-2012 – *Lemur catta*, Tsimanampesotse, Madagascar

- Ring-tailed lemurs census and demography,
- Survey and collection of ring-tailed lemurs plants,
- Ring-tailed lemurs health and nutritional survey,
- Population and conservation genetics of ring-tailed lemurs.

1995, 2001-2013 – *Lemur catta*, Bezà Mahafaly, Madagascar

- Biometric and health measurements of adults and subadults, including blood serum, fecal and parasite samples, body weights, linear measurements, and DNA samples for population and conservation genetics,
- Monthly census and demography,
- Assessment of food processing in lemurs with varying levels of tooth loss
- Behavioral variation by habitat ,
- Assessment of habitat fragmentation,
- Population and conservation genetics of ring-tailed lemurs.

2001-2013 – *Lemur catta*, Southwestern Madagascar

- Census of ring-tailed lemurs across their range in Madagascar,
- Analysis of fragmented ring-tailed lemur habitat across their range in Madagascar,
- Tsinjoriake, Madagascar. Development of a new conservation biology and outreach program with Dr. Jacky Youssouf.

2005-2012 – *Lemur catta*, Indianapolis Zoo, Indianapolis, Indiana.

- Yearly biometric and dental data for 20 captive lemurs

Strepsirrhine Sexual Dimorphism

2001-present Museum of Comparative Zoology, Harvard University, Cambridge, MA; United States National Museum of Natural History, Washington, DC; American Museum of Natural History, New York, NY, British Museum of Natural History, London, UK, Beza Mahafaly Special Reserve, Madagascar Tsimanompesotste Reserve, Madagascar.

- Collections of skeletal measurements to determine patterns of sexual dimorphism in strepsirrhine primates,
- Morphometric measurements of wild ring-tailed lemurs, with repeat yearly, measurements male and female subadult cohorts to adulthood.

Strepsirrhine Dental Ecology

2001-present Museum of Comparative Zoology, Harvard University, Cambridge, MA; United States National Museum of Natural History, Washington, DC; American Museum of Natural History, New York, NY, British Museum of Natural History, London, UK, Beza Mahafaly Special Reserve, Madagascar Tsimanompesotste Reserve, Madagascar.

- Collections of dental wear and tooth loss among living and sub-fossil strepsirrhine collections to assess evidence of evolutionary disequilibrium.

Primate Isotope Ecology

2005-2013 – Collaborative work with Dr. Matt Sponheimer and Dr. Frank Cuozzo

- Collection of lemur hair samples from Bezà Mahafaly Special Reserve, and Tsimanampesotse National Park, Madagascar for isotopic analyses,
- Collection and preparation of plant specimens, Bezà Mahafaly Special Reserve, and Tsimanampesotse National Park, Madagascar for isotopic analyses,
- Analysis and interpretation of ecological and isotopic data.

Intraspecific Variation in Primate Dental Wear: The Role of Environment and Diet – 2002 - present

- Analysis of plant properties in relation to tooth wear patterns in wild ring-tailed lemurs at Bezà Mahafaly Special Reserve.
- Determination of the behavioral and biological effects of dental senescence in wild ring-tailed lemurs at Bezà Mahafaly Special Reserve.
- Dental Ecology of wild galago species, *Otolemur crassicaudatus*, *Galago moholi*, Lajuma Research Centre, South Africa.

HABITAT EFFECTS ON PRIMATE SOCIOECOLOGY NON-STREPSIRRHINES

1998- 1999 Panama: Bocas del Toro

- Effects of forest fragmentation on primate socioecology.

1997 Guyana, South America: Iwokrama Reserve

- Census of four species of primates across five habitats,
- Establishment of four species habitat profiles,
- Effects of forest fragmentation on primate socioecology.

GENERAL PRIMATE SOCIOECOLOGY

1987-88 Madagascar: Bezà Mahafaly

- Ecology of wild *Lemur catta* populations,
- *Lemur catta* sexual and reproductive behaviors,
- Recording of *L. catta* anti-predator behavior and vocalizations,
- *Lemur catta* demographic data,
- Biometric and health measurements on over 100 *Lemur catta*,
- Collection of biological samples for population and conservation genetics of *Lemur catta*,
- Dental casts of over 30 *Lemur catta* teeth,
- Censusing of *Propithecus verreauxi*,
- Collection of plants used by *Lemur catta* for identification and nutritional analysis,
- Collection of fecal samples of *Lemur catta* for parasitic load and fecal steroids,
- Ethnobotanical pilot study of the Mahafaly people's use of medicinal plants.

1984 Kenya

- Feeding ecology and behavior of free-ranging bushbabies, *Galago senegalensis*,
- Demography of patas monkeys in a savannah woodland.

1982 – 1984 Arizona

- Growth and development of captive-reared chimpanzees, *Pan troglodytes*,
- Interplay of diet and reproduction in a captive population of bushbabies, *Galago senegalensis*.

REFEREED BOOKS and SPECIAL JOURNAL VOLUMES

4. Cuozzo FP, Sauther, M, Pozzi L, Dalton J. 2024. Special Issue: What They Do in the Shadows; New Perspectives on Africa's Nocturnal Bushbabies. International Journal of Primatology, Vol. 45, No. 6. <https://link.springer.com/journal/10764/volumes-and-issues/45-6>
3. Sauther ML, Gould L, Cuozzo FP, O'Mara MT. 2015. Ring-Tailed Lemurs – A Species Reimagined. Special Topic Issue: Folia Primatologica Vol. 86, No. 1-2. ISBN:978-3-318-03024-2, DOI:[10.1159/000370321](https://doi.org/10.1159/000370321)
2. Cuozzo FP and Sauther, ML. 2012. Journal Symposium Volume (Manuscript/Article Coordinator). "Primate Dental Ecology: How Teeth Respond to their Environment", a special issue of the *American Journal of Physical Anthropology*. [0.1002/ajpa.22082](https://doi.org/10.1002/ajpa.22082)
1. Gould L. and Sauther M.L. 2006 *Lemurs: Ecology and Adaptation*. Springer. DOI: [10.1007/978-0-387-34586-4](https://doi.org/10.1007/978-0-387-34586-4)

REFEREED JOURNAL ARTICLES *Italicized are Dr. Sauther's current or former graduate students.***Under Review/Revision/In Press****Published**

73. Sauther, M., Cuozzo, F., Youssouf, I., Strinden, M., LaFleur, M., Ness, J., Larsen, R., Millette, J., & O'Mara, T. 2024. Seasons of death: patterns of predation on wild lemurs and other fauna by endemic and introduced predators. *Folia Primatologica* (published online ahead of print) <https://doi.org/10.1163/14219980-bja10033>
72. Cuozzo, F.P., Sauther, M.L., Pozzi, L., Dalton J. 2024. Introduction to the Special Issue on What They Do in the Shadows: New Perspectives on Africa's Nocturnal Bushbabies. International Journal of Primatology, 45, 1309–1319. <https://doi.org/10.1007/s10764-024-00476-w>
71. Leigh, S.R., Sauther, M.L., Cuozzo, F.P., Tordiffe A.S.W., Van Wyk, I. 2024. Size, Scaling, and Sexual Size Dimorphism in Wild South African Thick-Tailed Greater Galagos (*Otolemur crassicaudatus*). International Journal of Primatology, 45, 1472–1503. <https://doi.org/10.1007/s10764-024-00466-y>
70. Sauther, M.L., Millette, J.B., Cuozzo, F.P., Long C., Msimango VH, Confuron L. 2024. Environmental Effects on Nocturnal Encounters of Two Sympatric Bushbabies, *Galago moholi* and *Otolemur crassicaudatus*, in a High-Altitude South African Northern Mistbelt Montane Habitat. International Journal of Primatology, 45, 1504–1537. <https://doi.org/10.1007/s10764-024-00427-5>
69. Long C, Scheun J, Sauther ML, Cuozzo FP, Millette J, Tordiffe ASW. 2024. Seasonal effects on the fecal microbial composition of wild greater thick-tailed galagos (*Otolemur crassicaudatus*). International Journal of Primatology, 1404–1425 (2024). <https://doi.org/10.1007/s10764-023-00407-1>

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- 1999** Sauther ML. Review of *Foraging for survival: Yearling baboons in Africa* American Journal of Human Biology: 11(6): 803-805.
- 1996** Sauther ML. Review of *Creatures of the Dark*. American Zoologist 36:73

OTHER PUBLICATIONS

Photographs or illustrations in publications by others

- 2017** Galago photo. Exploring Physical Anthropology Laboratory Manual and Workbook. S.E. Walker-Pacheco. Englewood, Morton Publishing Company.
- 2015** Cover Photo American Journal of Primatology, January 2015.
- 2008** Lemur field work. Photo published in: *Life of Primates*, (eds). P Nystron and P Ashmore, New York: Prentice Hall.

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OUTREACH POPULAR PRESS

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- 2024** Strain D. In South Africa, tiny primates could struggle to adapt to climate change. <https://www.colorado.edu/today/2024/05/07/south-africa-tiny-primates-could-struggle-adapt-climate-change#:~:text=The%20group's%20findings%20suggest%20that,It%20affects%20when%20you%20re produce.>
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- 2022** Long, C. Even bushbabies get stressed: Here's how we know, and what it means. January 7th, 2022. <https://theconversation.com/even-bushbabies-get-stressed-heres-how-we-know-and-what-it-means-173658>
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- 2020** Did you know animals? You-tube. May 6, 2020. Strange Forest Cats That Keep Appearing On Remote Island Are Confusing Scientists. <https://m.youtube.com/watch?v=6Aje4pBEI6s>
- 2017** 9News (Denver KUSA, NDC), TV interview: topic – bushbaby biology and conservation.
- 2017** Craven C. Studying an elusive South African Primate. CU Boulder Today. University of Colorado, Boulder. August 1, 2017. <https://www.colorado.edu/today/2017/08/01/studying-elusive-south-african-primate>
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- 2016** Sokal J. These baboons and lemurs have left the trees to live in caves. Zoologger, New Scientist. <https://www.newscientist.com/article/dn28771-these-baboons-and-lemurs-have-left-the-trees-to-live-in-caves/>
- 2014** An Academic Minute with Michelle Sauther. Man Caves might be evidence of an ancient primate strategy for seeking down-time shelter. On this public radio broadcast, Dr. Sauther reveals recent field research indicating that some groups of lemurs also regularly use caves as sleeping sites. <http://wamc.org/post/dr-michelle-sauther-university-colorado-boulder-lemurs-and-sleeping-caves>
- 2013** Published Interview: Madagascar's most famous lemurs facing big threats. Mongabay.COM. By Marni LaFleur. <http://news.mongabay.com/2013/1218-lafleur-ringtailed-lemurs.html>
- 2013** Published Interview: University of Colorado, Boulder. CU-Boulder-led team finds first evidence of primates regularly sleeping in caves. By Jim Scott. <http://www.colorado.edu/news/releases/2013/12/04/cu-boulder-led-team-finds-first-evidence-primates-regularly-sleeping-caves>
- 2013** Published Interview: Los Angeles Times. "In the Spiny Forest, Cute Lemurs call Limestone Caves Home" by Deborah Netburn. <http://articles.latimes.com/2013/dec/04/science/la-sci-sn-in-the-lemurs-call-limestone-caves-home-video-20131204>
- 2013** Highlighted in the Riverbanks Zoo Membership Magazine, November-December, 2013 issue. "The Bezà Mahafaly Lemur Biology Project".

- 2013** Published Interview for the news article: “Extinction”, June 2013 Coloradan Magazine by Clay Evans. <http://www.coloradanmagazine.org/2013/06/01/extinction/>
- 2007** On-line interview “Feral beasts threaten lemurs in Madagascar: An interview with lemur expert Dr. Michelle Sauther” http://news.mongabay.com/2007/0205-interview_sauther.html.
- 2005** Interviewed by film crew of American Museum of Natural History.
- 2001** Interviewed for Men’s Health Magazine.
- 2000** Origin of the Specious. Interview by Juliet Wittmann for Westward Magazine. February 10, 2000. <http://www.westword.com/news/origin-of-the-specious-5061701>

WORKS IN PROGRESS *Italicized are Dr. Sauther’s graduate students.*

Sauther ML and Cuozzo FP. Patterns of mortality and trauma in a wild population of ring-tailed lemurs, *Lemur catta*. For submission to Folio primatologica.

Sauther ML, Cuozzo FP, Gould L, Sussman RW, Ratsirarson, J, and Bauer R, in prep. Surviving a drought: individual life stories and ecological change among ring-tailed lemurs (*Lemur catta*) at Bezà Mahafaly Special Reserve, Madagascar. For submission to the International Journal of Primatology.

Cuozzo, FP and Sauther ML. Anthropoid-like sexual canine dimorphism in a strepsirrhine primate. For submission to Journal of Human Evolution.

Sauther ML and Cuozzo FP. Toothcomb function and use in wild ring-tailed lemurs: Implications for the evolution of the strepsirrhine toothcomb. For submission to The American Journal of Physical Anthropology.

INVITED PAPERS AND COLLOQUIA

- 2019** Long, C, Tordiffe ASW, Sauther ML, Cuozzo F, Millette J, Ganswindt A, Scheun J. Seasonal effects of faecal glucocorticoid (fGCM) and triiodothyronine (T3) metabolites in a model nocturnal strepsirrhine primate population. 39th Zoological Society of Southern Africa Congress, July 7-10, Skukuza, Kruger National Park, South Africa.
- 2019** Sauther ML, Cuozzo FP, Tordiffe, Millette J, Linden B, Linden J. Longitudinal biometric analyses of a large nocturnal primate, *Otolemur crassicaudatus*: Sex and environmental effects. 39th Zoological Society of Southern Africa Congress, July 7-10, Skukuza, Kruger National Park, South Africa.
- 2019** Cuozzo FP, Sauther ML, Halajian A, Linden B, Linden J, Millette J, Tordiffe ASW, Romanello D. Human induced threats to a nonhuman primate of “Least Concern” (*Otolemur crassicaudatus*, *Primates: Galagidae*) in northern South Africa. 39th Zoological Society of Southern Africa Congress, July 7-10, Skukuza, Kruger National Park, South Africa.
- 2019** Sauther ML, Cuozzo FP, Tordiffe ASW, Millette J. Linden B, Linden J. Longitudinal analyses of a large nocturnal primate, *Otolemur crassicaudatus*: Sex and environmental effects. 93rd Annual Meeting of the German Society of Mammalian Biology. Dresden. September 16-19.
- 2019** Cuozzo, FP, Halajian A, Sauther ML, Linden B, Linden J, Millette JB, Tordiffe ASW, Romanello D. Human induced threats to non-human primate of “Least Concern” (*Otolemur crassicaudatus*, *Primates: Galagidae*) in northern South Africa. 93rd Annual Meeting of the German Society of Mammalian Biology. Dresden. September 16-19 2019.

- 2018** Cuozzo FP, Sauther ML, Meltholo AP, Dalton DL, Tordiffe ASW, Kotze A. Morphological and molecular discordance in a wild population of thick-tailed galagos (*Otolemur crassicaudatus*; Mammalia; Primates), from the Lajuma Research Center, South Africa. The 92nd Annual Meeting of the German Society for Mammalian Biology. September 17-20th, Koenig Museum, Bonn Germany.
- 2018** Sauther ML, Cuozzo FP, Tordiffe ASW, Kotze A. Biometric analyses of a large nocturnal primate, *Otolemur crassicaudatus*: Sex and environmental effects. 7th Annual National Zoological Gardens of South Africa Wildlife Research Symposium, "Wildlife Conservation In Our Hands. Pretoria, South Africa, November 17-18, 2016.
- 2016** Cuozzo FP. Sauther ML, Meltholo AP, Dalton DL, Tordiffe ASW, du Plessis M., Jansen R, Kotze A. Morphological and molecular discordance in a wild population of the thick-tailed galago (*Otolemur crassicaudatus*), from the Lajuma Research Centre, South Africa. 7th Annual National Zoological Gardens of South Africa Wildlife Research Symposium, "Wildlife Conservation In Our Hands". Pretoria, South Africa, November 17-18, 2016.
- 2013** National Zoo of South Africa, Pretoria, RSA: "Paradise Lost? How Lemurs Respond to Environmental Change in Madagascar," July 19, 2013.
- 2009** Invited Talk CU Museum of Natural History "Paradise Lost? How Lemurs Respond to Environmental Change in Madagascar", September 9th, 2009.
- 2009** Presentation to the University of Toliara, Madagascar, Department of Biology. "Lemurs of Madagascar, Conservation and Biology". July 30, 2009.
- 2008** Presentation at the "University of Colorado Innovative Seed Grant Rendez-Vous", a poster and multimedia session that showcased IGP-funded work. "Using Biogeochemistry to Assess Human-Induced "Ecological Disequilibrium in Madagascar". ML Sauther, M Sponheimer and F. Cuozzo. October 24th, 2008.
- 2007** "Understanding behavioral and biological plasticity in a generalist primate, *Lemur catta*: A comparison of two habitats." Invited paper for the symposium: Ecological and Behavioral Plasticity: A Comparative Approach. International Congress Prosimians, Ithala, South Africa, July 15-19, 2007.
- 2007** "Lemur Fragmentation Biology: The Effects of Habitat Variation on Health, Disease Ecology and Behavior in a Population of Wild Ring-tailed Lemurs, *Lemur catta*." Southern California Primate Research Forum, University of Southern California. April 7th, 2007.
- 2006** "Lemur Fragmentation Biology: The Effects of Habitat Variation on Health, Disease Ecology and Behavior in a Population of Wild Ring-tailed Lemurs, *Lemur catta*." School of Human Evolution and Social Change, Arizona State University. October 6th, 2006.
- 2003** "Lemurs of Madagascar". Denver Museum of Science and Natural History.
- 2003** "Ring-tailed Lemur Biology and Behavior." Department of Environmental, Population and Organismal Biology.
- 1999** "Field Studies in Biological Anthropology: What Ring-tailed Lemur Socioecology Can Tell Us About Primate Adaptation." University of Colorado Anthropology Department.
- 1999** "Primate Reproductive Strategies: Ringtailed Lemurs and the Comparative Approach." University of Colorado Anthropology Department.
- 1999** "Island of the Moon: Lemur Ecology in Madagascar." Rocky Mountain College Biology Department.
- 1998** "Ring-tailed Lemur Reproductive Ecology." University of Zurich Anthropology Department; Zurich

Switzerland.

- 1996 "Strategies of Motherhood: A Primate Perspective." University of Colorado Anthropology Department.
- 1995 "Primate Field Work in Madagascar." University of Missouri, Anthropology Department.
- 1995 "Meeting the Stresses of Reproduction: Reproductive and Ecological Synchrony in Free-ranging Ring-tailed Lemurs, *Lemur catta*." The International Conference and Workshop: Biology and Conservation of Prosimians. Chester, England.
- 1995 "Seasonal Resources and its Implication for Ring-tailed Lemur Conservation." The International Conference and Workshop: Biology and Conservation of Prosimians, Chester, England.
- 1994 "Genotyping of Free-ranging Ringtailed Lemurs." The taxonomic advisory group meeting for the conservation of prosimian primates, St. Louis Zoological Society, St. Louis, MO.
- 1991 "The General Ecology of Ringtailed Lemurs at Beza Mahafaly Reserve". Pan African Documentation and Information System of the United Nations Economic Commission for Africa, St. Louis, MO.

PAPERS-POSTERS PRESENTED AT NATIONAL AND INTERNATIONAL MEETINGS *Italicized are Dr. Sauther's current or former graduate students.*

- 2022 McGuire KM, Sauther ML. Characterizing Heterospecific Encounters with the Ring-tailed Lemurs (*Lemur catta*) on St. Catherine's Island, Georgia, USA. 91st Meeting of the American Association of Biological Anthropology.
- 2022 Cuozzo FP, Dalton JK, Sauther ML, Tordiffe AS, van Wyk I. The dental ecology and oral biology of a population of wild *Otolemur crassicaudatus* from the Lajuma Research Centre, South Africa. 91st Meeting of the American Association of Biological Anthropology.
- 2022 Dalton JK, Sauther ML, Cuozzo FP Cognitive foraging patterns in two sympatric species of South African galago 91st Meeting of the American Association of Biological Anthropology.
- 2022 Jayne RW, Sauther ML, Millette JB, Scholz B, Cuozzo FP. A moonlit dinner: Comparative gum feeding ecology of two sympatric galagos (*Otolemur crassicaudatus* and the *Galago moholi*) living in an afro-montane temperate environment. 91st Meeting of the American Association of Biological Anthropology.
- 2022 Leigh SR, Sauther ML, Cuozzo FP, Tordiffe AS. Patterns of postcranial sexual size dimorphism in non-captive thick-tailed bushbabies (*Otolemur crassicaudatus*) from northern South Africa. 91st Meeting of the American Association of Biological Anthropology.
- 2022 Ryder CM, Sauther ML, Cuozzo FP, Jayne RW, Sponheimer M. Diet quality in elusive species: Using near-infrared spectroscopy to predict diet quality in *Otolemur crassicaudatus*. 91st Meeting of the American Association of Biological Anthropology.
- 2022 Sauther ML, Millette JB, Cuozzo FP, Long C, Msimango F. The effect of body size on the behavioral ecology of two sympatric bushbabies in an Afro-montane habitat. 91st Meeting of the American Association of Biological Anthropology.
- 2022 Thomas JM, Sauther ML, Leigh SR. Lemur *catta* growth and development: Evidence for a male juvenile growth spurt in captive populations. 91st Meeting of the American Association of Biological Anthropology.
- 2021 Leigh SR, Sauther ML, Cuozzo FP, Tordiffe AS. Scaling of sexual size dimorphism in thick-tailed galagos (*Otolemur crassicaudatus*). 90th Meeting of the American Association of Biological Anthropology.

- 2020** McGuire, Kathleen, Frank P. Cuzzo, and Michelle L. Sauther. The impact of stochastic events on ring-tailed lemur (*Lemur catta*) demography at the Bezà Mahafaly Special Reserve. 89th Meeting of the American Association of Biological Anthropology.
- 2020** Cuzzo FP, Halahian A, Sauther ML, Linden B, Linden J, Millette J, Tordiffe ASW, Romanello D. Human induced threats to a nonhuman primate of "Least Concern" (*Otolemur crassicaudatus*, *Primates: Galagidae*) in northern South Africa. 89th Meeting of the American Association of Biological Anthropology.
- 2020** Mann AE, Mazel J, Lemay MA, Morien E, Billy V, Kowalewski M, Di Fiore A, Link A, Goldbert TL, Tecot T, Baden, AL, Gomez A, Sauther ML, Cuzzo FP, Rice GAO, Dominy NJ, Stumpf R, Lewis RJ, Swedell L, Amato K, Parfrey LW. What shapes the non-human primate gut microbiome? 89th Meeting of the American Association of Biological Anthropology.
- 2020** Parga JA, Sauther ML, Cuzzo FP, Lawler RR, Gould L, Pastorini J. A genetic analysis of male reproductive skew among ring-tailed lemurs (*Lemur catta*) from Bezà Mahafaly, Madagascar. 89th Meeting of the American Association of Biological Anthropology.
- 2020** Sawyer NW, Loudon JE, Schacht R, Sauther ML, Sponheimer M. How well do feeding observations match fecal stable isotope values? An evaluation among Verreaux's sifaka (*Propithecus verreauxi*) and ring-tailed lemurs (*Lemur catta*). 89th Meeting of the American Association of Biological Anthropology.
- 2020** Sauther ML, Cuzzo FP, Millette J, Tordiffe ASW, Linden B, Linden J. Longitudinal biometric analyses of a temperate, high altitude, large nocturnal primate, *Otolemur crassicaudatus*: Sex and environmental effects. 89th Meeting of the American Association of Biological Anthropology.
- 2020** Long, C, Tordiffe, ASW, Sauther ML, Cuzzo FP, Millette J, Scheun J. Novel scientific applications for assessing physiological responses to seasonal changes in a model primate species. International Congress of Zoology. Cape Town, South Africa, November 21 to 25.
- 2019** Sawyer NW, Loudon JE, Schacht R, Sauther ML, Sponheimer M. Detecting shifts in the trophic niches of sympatric Verreaux's sifaka (*Propithecus verreauxi*) and ring-tailed lemurs (*Lemur catta*) using stable isotope analyses. Abstracts for the 88th Annual Meeting of the American Association of Physical Anthropology. Cleveland March 27-30th.
- 2018** Sauther ML, Cuzzo FP. The dental ecology of African strepsirrhines (Mammalia; Primates). 92nd Annual Meeting of the German Society for Mammalian Biology. September 17-20th, Koenig Museum, Bonn Germany.
- 2018** Cuzzo FP, Sauther ML, Melthol AP, Dalton DL, Tordiffe ASW, Kotze A. Morphological and molecular discordance in a wild population of thick-tailed galagos (*Otolemur crassicaudatus*; Mammalia; Primates), from the Lajuma Research Center, South Africa. 92nd Annual Meeting of the German Society for Mammalian Biology. September 17-20th, Koenig Museum, Bonn Germany.
- 2016** Grogan KE, Sauther ML, Cuzzo FP, Drea CM. The influence of the MHC-DRB gene on reproductive success in wild ring-tailed lemur (*Lemur catta*) at Bezà Mahafaly Special Reserve. Joint meeting of the International Primatological Society and the American Society of Primatology, August 21-27, 2016, Chicago, Illinois.
- 2016** Sauther ML, Strinden M, Youssouf Jacky I, Cuzzo FP, Ness J, Boeken D, LaFleur M. Not just lemurs on the menu: Using scat sampling to understand feeding patterns among introduced and endemic predators at the Bezà Mahafaly Special Reserve, Madagascar. Joint meeting of the International Primatological Society and the American Society of Primatology, August 21-27, 2016, Chicago, Illinois.

- 2016** Cuozzo FP, Sauther ML. Individual primate dental life histories in response to microhabitat variation.. Joint meeting of the International Primatological Society and the American Society of Primatology, August 21-27, 2016, Chicago, Illinois.
- 2015** Cuozzo FP, Sauther ML, Tordiffe ASW, Brúns AC. National Zoological Gardens of South Africa and the University of Pretoria, 6th Annual Wildlife Research Symposium, Oral Presentation: "A preliminary health assessment of the southern lesser bushbaby (*Galago moholi*) from two localities in South Africa." November 20, Pretoria, South Africa.
- 2015** Cuozzo FP, Sauther ML, Hall AEA, Johnson SD, Tordiffe A, Fish K. Using a dental ecology approach to assess the ecology and behavior of wild *Otolemur crassicaudatus* in South Africa: Results from dental and faecal analyses. 6th European Federation for Primatology Meeting, Rome Italy, August 25th-28th.
- 2015** Sauther M, Strinden M, Youssouf Jacky IA, Cuozzo F and Boeken D. Not just lemurs on the menu: Assessment of feeding habits and general prey preferences among introduced and endemic predators at the Beza Mahafaly Special reserve, Madagascar using scat sampling. *Folia primatol.* 6th European Federation for Primatology Meeting, Rome Italy, August 25th-28th.
- 2015** Sauther ML, Cuozzo FP, Millette JP. Dental health in a wild population of ring-tailed lemurs (*Lemur catta*) at the Bezà Mahafaly Special Reserve and Tsimanampesotse National Park, Madagascar. 84TH Meeting of the American Association of Physical Anthropology, St. Louis, MO, March 25th – 28th.
- 2015** Luttrell E, Fish K, Sauther ML, Cuozzo FP, Weaver M, Gaugler L. GIS analysis of habitat usage by sympatric southern lesser (*Galago moholi*) and thick-tailed galagos (*Otolemur crassicaudatus*) in an Afromontane environment. 84TH Meeting of the American Association of Physical Anthropology, St. Louis, MO, March 25th – 28th.
- 2015** Fardi SA, Bernstein RM, Sauther ML. Hair cortisol, climatic events, and age in wild ring-tailed lemur (*Lemur catta*) troops from the Bezà Mahafaly Special Reserve, Southwestern Madagascar. 84TH Meeting of the American Association of Physical Anthropology, St. Louis, MO, March 25th – 28th.
- 2014** Sauther ML, Cuozzo FP and Millette J. Using a dental ecology approach to assess dental health in a wild population of ring-tailed lemurs (*Lemur catta*) at the Bezà Mahafaly Special Reserve and Tsimanampesotse National Park Madagascar. 6th International Symposium on Dental Morphology (ISDM). August 29, Zagreb, Croatia.
- 2014** Cuozzo FP, Sauther ML, Singleton C, Millette JB, Ungar PS, Yamashita N and Norris A. The impact of dental impairment on health and nutrition in a wild primate population." 6th International Symposium on Dental Morphology (ISDM). August 27, Zagreb, Croatia.
- 2014** Grogan K, Sauther M, Cuozzo F and Drea C. Major histocompatibility complex helps lemurs live longer and survive natural disasters. Evolution 2014, the joint annual meeting of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. North Carolina, June 20-24.
- 2014** Cuozzo FP, Sauther ML and Fish K. Dental health and oral biology of thick-tailed galagos at Lajuma Research Centre, South Africa. Primate Ecology and Genetics Group, South African Primatology Association, Annual Meeting, June 28, Pretoria, Republic of South Africa.
- 2014** Sauther ML, Cuozzo FP and Youssouf Jacky IA. Using a dental ecology approach to assess dental health in a wild population of ring-tailed lemurs (*Lemur catta*) at the Bezà Mahafaly Special Reserve and Tsimanampesotse National Park Madagascar. Primate Ecology and Genetics Group, South African Primatology Association, Annual Meeting, June 28, Pretoria, Republic of South Africa.

- 2014** Fish K, Sauther ML and Cuzzo FP. Potential spatial niche separation between *Galago moholi* and *Otolemur crassicaudatus* in a montane environment. Primate Ecology and Genetics Group, South African Primatology Association, Annual Meeting, June 28, Pretoria, Republic of South Africa.
- 2014** Youssouf Jacky IA, Sauther ML and Cuzzo FP. The ecology of a threatened animal community facing varying ecological and anthropogenic conditions in the NAP Tsinjoriake, Madagascar. Primate Ecology and Genetics Group, South African Primatology Association, Annual Meeting, June 28, Pretoria, Republic of South Africa.
- 2014** Fish KD, Sauther ML, Cuzzo FP, Strinden M. "Preliminary analysis of habitat usage by sympatric greater and lesser galagos (*Otolemur crassicaudatus* and *Galago moholi*) in a montane environment." 83rd Meeting of the American Association of Physical Anthropology, Calgary Canada, April 8-12th.
- 2014** Loudon JE, Sauther ML, Schwagerl K, Cuzzo FP, Sponheimer M. Tough times don't last, tough lemurs do: Using $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ to examine the responses of *Lemur catta* to natural disasters at the Beza Mahafaly Special Reserve. 83rd Meeting of the American Association of Physical Anthropology, Calgary Canada, April 8-12th.
- 2014** Singleton CL, Norris AM, Sauther ML, Cuzzo FP, Youssouf Jacky IA. Ring-tailed Lemur (*Lemur catta*) Health Parameters across Two Habitats with Varied Levels of Human Disturbance at the Beza Mahafaly Special Reserve, Madagascar. 83rd Meeting of the American Association of Physical Anthropology, Calgary Canada, April 8-12th.
- 2014** Grogan KE, McGinnis GJ, Sauther ML, Cuzzo FP, Drea CM. Uncovering variation in the major histocompatibility complex of ring-tailed lemurs. 83rd Meeting of the American Association of Physical Anthropology, Calgary Canada, April 8-12th.
- 2014** Parga JA, Sauther ML, Cuzzo FP, Youssouf Jacky IA, Sussman RW, Gould L, Lawler RR, Pastorini J. Molecular evidence for male and female dispersal in wild *Lemur catta*. 83rd Meeting of the American Association of Physical Anthropology, Calgary Canada, April 8-12th.
- 2014** Millette JB, Sauther ML, Cuzzo FP. Examining visual measures of coat condition and body mass in wild ring-tailed lemurs at the Beza Mahafaly Special Reserve, Madagascar. 83rd Meeting of the American Association of Physical Anthropology, Calgary Canada, April 8-12th.
- 2014** Bolt LM, Sauther ML, Cuzzo FP, Youssouf Jacky IA. Anti-predator vocalization usage in the male ring tailed lemur (*Lemur catta*). 83rd Meeting of the American Association of Physical Anthropology, Calgary Canada, April 8-12th.
- 2014** Cuzzo FP, Sauther ML. Patterns of dental macro-wear in sub-fossil *Lemur catta* (~ 500 BP) from Ankilitelu, Madagascar: Indications of ecology and habitat use. 83rd Meeting of the American Association of Physical Anthropology, Calgary Canada, April 8-12th.
- 2013** Cuzzo FP and Sauther ML. Wisdom of the bones: How patterns of trauma and pathology in a wild lemur community inform the paleoecology of Madagascar's recently extinct lemurs and earlier, Eocene Lemuriforme Primates. Annual Meeting of the Society for Vertebrate Paleontology, Los Angeles, CA, October 30-November 2, 2013.
- 2013** Cuzzo FP and Sauther ML. Dental evidence indicates evolutionary disequilibrium among sympatric diurnal lemurs in southwestern Madagascar. European Federation for Primatology, Antwerp, Amsterdam, September 10-13, 2013.
- 2013** Sauther ML, Cuzzo FP, Larsen RS, Moresco A, Norris A; Simai A; Singleton C, Smith A, Stegmann G F, Weber M, Jacky Youssouf I A, Whitelaw D. Climatic effects on wild ring-tailed lemur biomedical values at the Beza Mahafaly Special Reserve, Madagascar. International Prosimian Congress. Ranomafana, Madagascar, August 5-9, 2013.

- 2012** Cuzzo FP and Sauther, ML. American Association of Physical Anthropologists. Poster Presentation: Variation in rates of tooth wear in a single primate population: effects of sex and microhabitat. April, Portland, OR.
- 2012** Sauther, ML and Cuzzo, FP. American Association of Physical Anthropologists. Poster Presentation (coauthor): Climatic effects on wild ring-tailed lemur biomedical values at the Beza Mahafaly Special Reserve, Madagascar. April, Portland, OR.
- 2011** Cuzzo FP and Sauther ML. 22nd International Senckenberg Conference, The World at the Time of Messel: Puzzles in Palaeobiology, Palaeoenvironment and the History of Early Primates. Poster Presentation: How a comprehensive analysis of feeding ecology, food properties, and tooth-use wear in an extant primate community can inform Eocene primate paleobiology. November 15-19, Frankfurt am Main, Germany. INVITED.
- 2011** Sauther ML and Cuzzo FP. 15th International Symposium on Dental Morphology. Poster Presentation (coauthor): Toothcomb function and use in wild ring-tailed lemurs: Implications for the evolution of the prosimian toothcomb. August 24-27, Newcastle-Upon-Tyne, United Kingdom. INVITED.
- 2011** Cuzzo FP, Ungar PS, Sauther ML, Yamashita N, Millette JB. Assessing the impact of exogenous grit and plant silica on primate tooth wear: A field and laboratory experimental approach. 80th Meeting of the American Association of Physical Anthropologists.
- 2011** Sauther ML, Cuzzo FP, Jacky Youssouf IA, Ness J, LaFleur M, Larsen RS, Tkach V. A season of death: Patterns of predation on wild lemurs at Beza Mahafaly Reserve, Madagascar using multiple methods of assessment." 80th Meeting of the American Association of Physical Anthropologists.
- 2011** Loudon JE, Sauther ML, Cuzzo FP, Sponheimer M. Dietary variability of ring tailed lemurs (*Lemur catta*) and Verreaux's sifaka (*Propithecus verreauxi*) based on $\delta^{13}C$ and $\delta^{15}N$ values from feces. 80th Meeting of the American Association of Physical Anthropologists.
- 2010** Cuzzo FP, Sauther ML. 2010. What is Dental Ecology? 79th Meeting of the American Association of Physical Anthropology.
- 2010** Millette JB, Sauther ML, Cuzzo FP. 2010. The impact of dental impairment on food processing in ring-tailed lemurs. 79th Meeting of the American Association of Physical Anthropology.
- 2010** Yamashita N, Cuzzo FP, Sauther ML. 2010. Strong lemurs, tough foods: interpreting feeding ecology through food mechanical properties. 79th Meeting of the American Association of Physical Anthropology.
- 2009** N. Yamashita, F.P. Cuzzo, M.L. Sauther. Interannual comparison of food toughness in the diets of a wild *Lemur catta* population in Beza Mahafaly special reserve, Madagascar. 78th Meeting of the American Association of Physical Anthropology.
- 2009** Bradley BJ, Macfie T, Lawler R, Morelli TL, Baden A, Kappeler PM, Louis, EE, Pastorini J, Sauther, M, Wright PC, and Mundy NI. Eye of the beholder: Variable color vision in wild lemur populations. 78th Meeting of the American Association of Physical Anthropology.
- 2009** Cuzzo FP, Sauther ML, Simons EL, Chatrath PS, Muldoon KM. 2009. Tooth Wear and Dental Pathology in Subfossil *Lemur catta* (Mammalia: Primates) from Ankilitelo, Madagascar: How Extant Samples Aid the Interpretation of Primate Paleobiology. 69th Meeting of the Society of Vertebrate Paleontology, Bristol, England.
- 2009** Olesiak SE, Cuzzo FP, Sauther ML, Sponheimer M, Ferguson VL. 2009. Variations in Nanomechanical Properties of Lemur Enamel. 31st Annual Meeting of the American Society for Bone and Mineral Research.

- 2008** Sauther, ML and Cuozzo, FP. Ontogeny and canine dimorphism in wild ring-tailed lemurs (*Lemur catta*). International Meeting of Primatologists, Edingburgh, Scotland.
- 2008** Loudon JE, Whitelaw, DC, Sponheimer, M, Sauther, ML, and Cuozzo, FP. Lemurs eating isotopes: a stable isotope analysis of ring-tailed lemurs (*Lemur catta*) and their menu at the Beza Mahafaly Special Reserve. 77th Meeting of the American Association of Physical Anthropology.
- 2008** Sauther, ML, and Cuozzo, FP. Fallback foods within an anthropogenically disturbed habitat: Effects on patterns of mortality, demography, and biology among wild ring-tailed lemurs. 77th Meeting of the American Association of Physical Anthropology. INVITED
- 2007** Cuozzo FP Sauther ML, Lawler RR, Yamashita N, Scott, JR, Ratsirarson J. Weber M. A comparison of salivary pH in sympatric lemur species (*Lemur catta* and *Propithecus verreauxi*) at Beza Mahafaly Special Reserve, Madagascar: Investigating feeding ecology, dietary chemicals, and primate tooth wear. 76th Meeting of the American Association of Physical Anthropology.
- 2007** Millette JB, Sauther ML and Cuozzo FP. Behavioral responses to toothloss in ring-tailed lemurs (*Lemur catta*) at Beza Mahafaly Special Reserve, Madagascar. 76th Meeting of the American Association of Physical Anthropology.
- 2007** Whitelaw DC, Sauther ML, Cuozzo FP and Loudon JE. Understanding the power of proximate mechanisms: Patterns of ring-tailed lemur survival at Beza Mahafaly Special Reserve. 76th Meeting of the American Association of Physical Anthropology.
- 2007** Loudon JE and Sauther ML. Parasite ecology and socioecology of ring-tailed lemurs (*Lemur catta*) and Verreaux's sifaka (*Propithecus verreauxi*) at Beza Mahafaly Special Reserve, southwestern Madagascar. 76th Meeting of the American Association of Physical Anthropology.
- 2006** Cuozzo FP and Sauther ML. Variation in dental eruption in wild ring-tailed lemurs (*Lemur catta*) at Beza Mahafaly Special Reserve, Madagascar 21st Congress of the International Primatological Society, Entebbe, Uganda.
- 2006** Cuozzo FP and Sauther ML. Variation in dental eruption in wild ring-tailed lemurs (*Lemur catta*) at Beza Mahafaly Special Reserve, Madagascar: Implications for understanding lemur life history. 75th Meeting of the American Association of Physical Anthropology.
- 2006** Sauther ML and Cuozzo FP. Somatic Variation in a Wild Population of Ring-tailed Lemurs. 75th Meeting of the American Association of Physical Anthropology.
- 2005** Cuozzo FP and Sauther ML. Tooth loss in wild ring-tailed lemurs (*Lemur catta*): a function of life history, behavior, and feeding ecology. 74th Meeting of the American Association of Physical Anthropology.
- 2005** Bauer RN, Gould L and Sauther ML. Correlates of dominance rank in female ring-tailed lemurs (*Lemur catta*) at the Beza Mahafaly Special Reserve, Madagascar. 74th Meeting of the American Association of Physical Anthropology.
- 2005** Loudon JE, Sauther ML and Fish KD. Three primates – one reserve: Applying a holistic approach to understand the dynamics of behavior, conservation, and disease amongst ring-tailed lemurs, Verreaux's sifaka, and humans at Beza Mahafaly Special Reserve, Madagascar. 74th Meeting of the American Association of Physical Anthropology.
- 2005** Sauther ML and Cuozzo FP Patterns of mortality and trauma in a wild population of ring-tailed lemurs, *Lemur catta*. 74th Meeting of the American Association of Physical Anthropology.
- 2005** Whitelaw D, Sauther ML, Loudon JE and Cuozzo F. Anthropogenic change in and around Beza Mahafaly Reserve: methodology and results. 74th meeting of the American Association of Physical Anthropology.

- 2004** Sauther ML, *Fish K* and Cuozzo FP. Biological variability of wild ring-tailed lemurs, *Lemur catta* : Effects of habitat and Sex. 73rd meeting of the American Association of Physical Anthropology.
- 2004** *Fish K* Sauther ML and Cuozzo F. Effects of habitat on fluctuating asymmetry in a population of wild ring-tailed lemurs (*Lemur catta*). 73rd meeting of the American Association of Physical Anthropology.
- 2004** Cuozzo F, Sauther ML and *Fish K*. Dental variation and dental health in a wild population of ring-tailed lemurs (*Lemur catta*) from Beza Mahafaly Special Reserve, Madagascar. 73rd meeting of the American Association of Physical Anthropology.
- 2004** *Whitelaw DC*, *Fish K*, Sauther ML, Gould L and Sussman RW. Population viability analysis of ring-tailed lemurs (*Lemur catta*) of the Beza Mahafaly Special Reserve, Madagascar 73rd meeting of the American Association of Physical Anthropology.
- 2003** Sauther ML and Gould L. Patterns of male mate competition among wild ring-tailed lemurs, *Lemur catta*. 72nd meeting of the American Association of Physical Anthropology.
- 2003** *Whitelaw DC* and Sauther ML. A preliminary survey and GIS analysis of ring-tailed lemur habitat use in and around Beza-Mahafaly Reserve, Madagascar. 72nd meeting of the American Association of Physical Anthropology.
- 2002** *Whitelaw DC* and Sauther ML. A preliminary survey and study of the effects of habitat differences on ring-tailed lemurs (*Lemur catta*) in and around Beza-Mahafaly Special Reserve, Madagascar. International Primatological Society Caring for Primates. The XIXth Congress. Beijing, China.
- 2001** Sauther ML, *Steckler JA* and Sussman RW. A biometric analysis of sexual dimorphism in wild ringtailed lemurs (*Lemur catta*). 70th meeting of the American Association of Physical Anthropologists, Kansas City, Missouri.
- 2000** Dufour DL and Sauther ML. Comparative and evolutionary dimensions of the energetics of pregnancy and lactation., University of Colorado, Boulder, CO. Human Biology Conference, San Antonio, Texas.
- 2000** *Fish KD*, Riley EP and Sauther ML. Patterns of habitat use for the mantled howler monkey, *Alouatta palliata* on Isla Colon, Bocas del Toro province, Panama. 69th meeting of the American Association of Physical Anthropologists, San Antonio, Texas.
- 1999** Sauther ML, Cuozzo FP and Sussman RW. An analysis of the dentition of a living wild population of ringtailed lemurs (*Lemur catta*). 68th meeting of the American Association of Physical Anthropologists, Columbus, Ohio.
- 1999** Sauther ML, Cuozzo FP and Sussman RW. Dental Health in a Population of Wild Ringtailed Lemurs: A Life History Approach. Meeting of the American Society of Primatology, New Orleans.
- 1998** Sauther ML, Wright B and Wright K. A preliminary census and study of habitat use of the primates of the Northern Iwokrama Reserve, Guyana. 67th meeting of the American Association of Physical Anthropologists, Salt Lake City, Utah.
- 1996** Sauther ML. Group size and foraging effort in free-ranging ringtailed lemurs. 65th Meeting of the American Association of Physical Anthropologists, St. Louis, MO.
- 1995** Sauther ML. The chemical composition of ring-tailed lemur foods: Effects of reproductive state. 64th meeting of the American Association of Physical Anthropologists, Oakland, California.
- 1993** Sauther ML. The buffer effect: How a mother's rank may affect the feeding success of offspring among free-ranging *Lemur catta*. Meeting of the American Society of Primatology, Sturbridge, Massachusetts.

- 1992** Sauther ML. Interindividual variability in the nutritional content of foods ingested by free-ranging ringtailed lemurs. 61st Meeting of the American Association of Physical Anthropologists, Las Vegas, Nevada.
- 1992** Sauther ML and Sussman RW. A new interpretation of the social organization and mating systems of the ringtailed lemur (*Lemur catta*). Meeting of the International Primatological Society, Strasbourg, France.
- 1992** Sauther, ML. The dynamics of feeding competition in wild populations of ringtailed lemurs (*Lemur catta*). Meeting of the International Primatological Society, Strasbourg, France.
- 1992** Sauther ML. Reproductive costs in free-ranging ringtailed lemurs. Meeting of the American Society of Primatology, Veracruz, C.A.
- 1993** Sauther ML. The general ecology of ringtailed lemurs at Beza Mahafaly Reserve. The annual meeting of the African Studies Association, St. Louis, MO.
- 1990** Sauther ML. The effect of reproductive state and centrality on the feeding behavior of free-ranging female *Lemur catta* at Beza Mahafaly Special Reserve, Madagascar. The 59th meeting of the American Association of Physical Anthropologists, San Diego, California.
- 1989** Sauther ML. Reproductive behavior of free-ranging *Lemur catta* at Beza Mahafaly Reserve, Madagascar. The 58th Annual meeting of the American Association of Physical Anthropologists, Miami, Florida.
- 1985** Sauther ML and Nash LT. The effect of body weight and reproductive state on feeding behavior in *Galago senegalensis braccatus*. The 54th meeting of the American association of Physical Anthropologists, Knoxville, Tennessee.

SYMPOSIA ORGANIZED/MODERATOR

- 2022** Co-symposium Organizer. Invited Symposium. "What They Do In The Shadows: New Perspectives on Africa's Nocturnal Bushbabies" 91st Meeting of the American Association of Biological Anthropology, Denver Colorado. March 23-26.
- 2014** Moderator and Co-symposium Organizer. Invited Symposium. "Ring-tailed Lemurs: A Species Re-imagined". 83rd Meeting of the American Association of Physical Anthropology, Calgary Canada, April 8-12th.
- 2014** Moderator and Organizer for Tribute to Alison Jolly at the 83rd Meeting of the American Association of Physical Anthropology, Calgary Canada, April 8-12th.
- 2010** Symposium Co-Organizer with Frank Cuzzo and Peter Ungar. "Dental Ecology" at the 79th Meeting of the American Society for Physical Anthropology, San Antonio, Texas.
- 1994** Moderator and Symposium Organizer. "Feeding Behavior of Malagasy Prosimians: New insights and patterns". 65th meeting of the American Association of Physical Anthropologists, Durham, NC.
- 1995** Conference Moderator. "The Minds of Nonhuman Animals", held by the Environmental, Population and Organismal Biology Department at University of Colorado, Boulder.

SPECIAL INVITED CONFERENCES ATTENDED

- 2013** International Prosimian Congress 2013, Ranomafana National Park, Madagascar, August 5-9, 2013.
- 2007** International Congress Prosimians, Ithala, South Africa, July 15-19, 2007.
- 1986** Understanding Chimpanzees Conference. Chicago, IL.

- 1986 The Role of Hunting in Human Evolution. Chicago, IL.
 1986 Technology and Human Evolution. Los Alamos, NM.
 1985 Association for the Taxonomic Study of the Flora of Tropical Africa. St. Louis, MO.
 1984 The Gordon Research Conference on Diet and Human Evolution. Oxnard, California.

WEB PAGE

2006- present The Beza Mahafaly Ring-tailed Lemur Biology Project. <http://www.colorado.edu/anthropology/lemur>.

COURSES TAUGHT

Anthropology Internships (ANTH. 4950/5950).
 Advanced Physical Anthropology: Primate Ecology. (ANTH. 4120/5120).
 Bridging Seminar "Extinction-Cultural and Biological Perspectives" (ANTH 7000).
 Bridging Seminar "Anthropology of Morality and Ethics" (ANTH 7000).
 Field Methods in Primate Ecology (ANTH. 4360/5360).
 Explorations in Anthropology: Human Behavior and Primate Models (ANTH. 4020).
 Evolution and the Human Life Cycle: A Primate Life History Perspective (ANTH. 4125-5125)
 Graduate Core Course in Physical Anthropology (ANTH. 5790).
 Graduate Seminar: Extinction! (ANTH. 7120)
 Graduate Seminar: Madagascar: Natural History, Biology and Culture (ANTH. 7020).
 Graduate Seminar: Primate Evolutionary Ecology and Comparative Biology (ANTH. 7020).
 Graduate Seminar: Primate Life History (ANTH. 7020).
 Graduate Seminar: Professionalism in Biological Anthropology (ANTH. 7020).
 Graduate Seminar: Primate Ecology (ANTH. 7020).
 Graduate Seminar: Primate Evolutionary Ecology and Comparative Biology (ANTH. 7020).
 Human Evolution (ANTH. 2010)
 Human Variation (ANTH. 2020)
 Methods in Biological Anthropology: Primatology (ANTH. 4070-5070)
 Primate Behavior (ANTH. 3000).
 Primatology Field School, Bocas del Toro, Panama (ANTH. 4360/5360).
 Physical Anthropology Labs (ANTH 2030).

STUDENT ADVISING (CURRENT)

Principal Advisor of PhD. Students

- Jack Dalton
 - 2023 – National Science Foundation Doctoral Dissertation Research Grant
 - 2023 – Leakey Foundation Grant
 - 2022 – Prospectus Defense
 - 2022 – International Primatological Society Grant
 - 2022 – American Society of Mammalogists Grant

Post-Doctoral Advisor

- Dr. James Millette, Director of "Extreme Primates: Physiological and Behavioral Responses to a Temperate Primate Niche Using a Strepsirrhine Model. NSF funded project, May 2017 to July 2018.

Biological Sciences Initiative (BSI) Scholar Advisor

- Raven Jayne, Accessing Acacia Gum Use for an Afro-Montane South African Primate Community. June 2019-May 2020.

COMPLETED DOCTORAL THESES UNDER DR. SAUTHER OR AS CO-ADVISOR

- 2023** Julie Thomas. *Strepsirrhine growth and development: New ontogenetic patterns found in captive populations.*
- 2023** Kathleen McGuire. *Navigating the needs of the many and the few: Examining the relationship between ring-tailed lemur (*Lemur catta*) group function and individual variation on St. Catherines Island.* Current position: Science Informationist, Cold Spring Harbor Laboratory.
- 2016** James B. Millette. *The effects of dental impairment on the biology and behavioral ecology of wild ring-tailed lemurs (*Lemur catta*) at the Bezà Mahafaly Special Reserve, Madagascar.*
- 2012** Marni LaFleur. *Ecology Of Ring-Tailed Lemurs (*Lemur catta*) At The Tsimanampetsotsa National Park, Madagascar: Implications For Female Dominance and The Evolution of Lemur Traits.*
- 2012** Emily Mertz (co-advisor with Bert Covert). *The effects of environmental heterogeneity at multiple scales on a community of five diurnal lemurs in Betampona Natural Reserve, Madagascar: A landscape ecology approach.*
- 2010** Krista Fish. *Niche Separation Between Mouse Lemurs (*Microcebus murinus*) and Clutter-foraging Bats at Berenty Private Reserve, Madagascar.*
- 2010** Dana Whitelaw. *Ecological Impacts of Forest Disturbance on Ring-tailed Lemurs (*Lemur catta*) in the Beza Mahafaly Special Reserve Regions: Implications for Conservation in an Altered Landscape.*
- 2010** Jacky Ibrahim Youssouf, Malagasy Ph.D Candidate in Biology, University of Toliara, Madagascar. *Impacts bioécologiques de la colonisation de *Rattus rattus* sur les micromammifères autochtones dans la Réserve Spéciale de Bezà Mahafaly au Sud-Ouest de Madagascar.* January, 2010 . I served as Dr. Youssouf's External Advisor since 2006.
- 2009** James Loudon. *The Parasite Ecology and Socioecology of Ring-Tailed Lemurs (*Lemur catta*) and Verreaux's Sifaka (*Propithecus verreauxi*) Inhabiting the Beza Mahafaly Special Reserve., May, 2009.*

COMPLETED MASTERS THESES UNDER DR. SAUTHER

- 2018** Hannah Selvey. *Cranial Responses to Captivity in *Lemur catta* and *Propithecus verreauxi* in Natural History Museum Collections.*
- 2017** Katherine McGuire. *The Social Behavior and Dynamics of Old Ring-tailed Lemurs (*Lemur catta*) at the Duke Lemur Center.*
- 2014** Michael Strinden. *An Evaluation of the Oral Microbiome and Potential Zoonoses of Two Ubiquitous South African Strepsirrhines, *Otolemur crassicaudatus* and *Galago moholi*.*
- 2007** James Millette. *Behavioral responses to tooth loss in ring-tailed lemurs (*Lemur catta*) at the Beza Mahafaly Special Reserve.*
- 2006** Emily Mertz. *A survey of *Propithecus diadema diadema* at the Betampona National Park, Madagascar.*
- 2002** Susan Gloor. *Risk Factors for Cassava-related Disorders: Dietary, Environmental, Cultural and Biological Aspects of Unsafe Cassava Use.*
- 2001** Dana Whitelaw. *Effect of Habitat Quality on Ring-tailed lemur Demography at Beza Mahafaly, Madagascar.*

- 2000** Krista Fish. *Habitat Usage for Mantled Howler Monkeys (Alloutta palliata) and White-faced Capuchins (Cebus capucinus) on Bocas del Toro Province, Panama, 1997.*
- 1999** Julie Ann Steckler. *A Biometric Analysis of Sexual Dimorphism in Wild Ring-tailed Lemurs (Lemur catta).*

PRINCIPAL ADVISOR OF HONOR'S THESIS

- 2023-24** Autumn Lucas. *Lemur Life Stories: Varying Effects of Captivity as Seen in Skeletal Remains (Lemur catta).* Defended, cum laude.
- 2020** Raven Jayne. *Gum! It's whats for dinner. The Dietary Significance and Nutritional Content of Acacia Gum for Five Sympatric Primate Species Living in a High-Altitude Temperate Environment.* Defended summa cum laude.
- 2018** Anna Bockhaus *#Share if You Love Primates: The Role of Social Media in the Primate Pet Trade and Primate Conservation.*
- 2015** Ian Harryman. *Conservation Efectiveness of Primate Field Schools.* Defended.
- 2013** Sara Fardi. *An Analysis of Primate Behavioral Responses to Environmental Change: An Anthropological and Neurobiological Approach.* Defended.
- 2012** Stephanie McGraw. *Biometrics of Wild Lemur catta.* Defended.
- 2009** Blakely Markham. *The Role of Fat in Human Reproduction.* Defended.
- 2004** Carolyn Jost. *Understanding Unique Life History Traits in the Primates of Madagascar: Island Biogeography.* Defended.
- 2003** Melissa Knight. *A Reassessment of the Uniqueness of Human Culture.* Defended.
- 2001** Bethany Williams (2001). *A Comparative Study of Ring-tailed lemurs (Lemur catta) in the Cheyenne Mountain and Denver Zoos.* Defended.
- 1998** Heather Dawn Davis. *Intensive Male Parental care in the Callitrichinae.* Defended.

COMMITTEE MEMBER FOR HONOR'S THESIS

- 2022** Nicole Schroeter. *Behavior, Ectoparasite Loads and Personality in Bison bison* EBIO. Defended.
- 2013** Robin Rosetta Fiore. *What Defines Us: An Analysis of Grieving Behavior in Non-Human Primates as a Potential Evolutionary Adaptation.* Defended.
- 2011** Alex Lande. *Forest Structure and Intraspecific Positional Behavior Variation in Alouatta palliate.* Defended.
- 2011** John Mackness Hackemer. Defended.
- 2010** Mysti Martin. *Lake Tanganyika Conservation Issues and Breeding Behavior Analysis of Simochromis diagramma: a Lake Tanganyika Cichlid.* Evolutionary Biology. Defended.
- 2008** Benjamin Rom Caron. *Human-primate Interface in Madagascar- Implications for the Bush Meat Trade.* EBIO. Defended.
- 2004** Kevin Bigsby. Anthropology. Defended.
- 2004** Veronica Butynski. Defended.
- 2003** Melissa Johnson. Defended.
- 2001** Annie White. Evolutionary and Population Biology. Defended.
- 2001** Catherine Workman. Anthropology. Defended.
- 1998** Cari Simpson, Psychology. Defended.

- 1998 Summer Bowman, Anthropology. Defended.
 1997 Nicole Johnson, Evolutionary and Population Biology. Defended.

COMMITTEE MEMBER FOR DISSERTATION/THESIS/PROSPECTUS/QUALIFYING EXAMS

- 2024 Yuti Gao. Prospectus. Defended.
 2024 Daniel Naumenko. Dissertation Proposal. Defended.
 2024 Sabrina Bradford. Carnivores, Conservation and Collaboration: The Coproduction of Resilient Working Landscapes. Defended.
 2024 Griëtte van der Heide. Understanding the owl monkey (*Aotus azarae azarae*) from the bottom up: From functional ecology in the Humid Chaco to diet and social monogamy. Defended.
 2019 Richard Bender. Do Protein Content and Prorein Quality Influence Human Food Intake? Testing the Protein Leverage Hypothesis. Defended.
 2016 Andie Ang. Genetic variability, diet metabarcoding, and conservation of Colobine primates in Vietnam. Defended
 2016 Amy L. Harrison Levine. Forest resource overlap in humans and Tonkin Snub-nosed Monkeys of Ha Gian Province, Vietnam: Theoretical and conservation implications.
 2013-2015 Chelsea Cook, Ph.D Candidate in Evolutionary Biology. Defended
 2013-2015 Marcus Cohen, Ph.D Candidate in Evolutionary Biology. Defended
 2013-2015 Kristin Schwagerl, MA Candidate in Anthropology. Defended.
 2013-2015 Robin Fiore, MA Candidate in Anthropology. Defended.
 2015 Eric Schissler. Ph.D Qualifying Exam Fall 2015.
 2014 Le Khac Quyet. Positional behavior and support sue fo the Tonkin Snub-nosed Monkeys (*Rhinopithecus avunculus*) in Khau Ca Forest, Ha Giang Province, Vietnam.
 2013-16 Andie Ang, Ph.D Candidate in Anthropology. Qualifying Exam Fall 2015, defended.
 2008-on Richard Bender, Ph.D Candidate in Anthropology. Qualifying Exam Fall 2015, defended.
 2010 Hilary Glasgow, MA Candidate in Anthropology. Defended.
 2009-12 Michaela Howells, Ph.D Candidate in Anthropology. Defended
 2008-09 Katherine Olszowy, M.A. Candidate in Anthropology. Defended
 2007-11 Sarada Krishnan, Ph.D Candidate in Evolutionary Biology. Defended.
 2007-10 Heather Williams, Ph.D Candidate in Anthropology. Defended
 2007-12 Teague O'Mara, Ph.D Candidate in Anthropology, Arizona State University, Defended
 2007 Traci Allison Bekelman, M.A. Candidate in Anthropology. Defended
 2007 Robert Joris Brinkerhoff, Ph.D in Evolutionary Biology. Mammal and Flea Occurrence in Association with Black-tailed Prairie Dog (*Cynomys ludovicianu*) Colonies: Implications for Interspecific Plague Transmission. Defended
 2006-12 Roberta Martine, Ph.D. Candidate in Anthropology. Defended
 2006-12 Jonathan O'Brien Ph.D. Candidate in Anthropology. Defended
 2006-12 Larry Ulibarri Ph.D Candidate in Anthropology. Defended
 2005 Jonathan O'Brien M.A. in Anthropology. Defended.
 2005 Heather Williams M.A. in Anthropology. Defended.
 2005 Isa Rodrigues-Soto M.A. in Anthropology. Defended.
 2005 Elizabeth Wall, Museum Studies M.A. in Anthropology. Defended.
 2005 Larry Ulibarri M.A. in Anthropology. Defended.
 2005 Barbara Piperata, Ph.D. in Anthropology. Defended.
 2004 Catherine Workman M.A. in Anthropology. Defended.
 2003 Lane Volpe. M.A. in Anthropology. Defended.
 2001 Eva Silvestre, M.A. in Anthropology. Defended.
 2001 Amy Farnbach, M.A. in Anthropology. Defended.
 2000 Frank Cuozzo, Ph.D. in Anthropology. Defended.
 1998 Isabelle Porteus, Ph.D. in Biology, University of Tours, France. Defended.
 1998 Kim Nichols, M.A. in Anthropology. Defended.
 1999 Barbara Piperata, M.A. in Anthropology. Defended.
 1997 Beth Juliarskodje, M.A. in Anthropology. Defended.

INDEPENDENT STUDY

2019-2020	Raven Jayne. Acacia Gum and Near-Infrared Spectroscopy.
2018	Sabrina Bradford. Biological Anthropology Method and Theory.
2012	Lindsey Wooley. Teaching Anthropology
2012	Kylee Smith. Lemur skeletal trauma and damage: Species and sex effects.
1999	David Yen.
1998	Erin Gensel
1997	Lindsay Sain.
1997	Megan Roberts.
1997	Nicole Johnson.

FIELD RESEARCH ADVISOR AND MENTOR

2024-5	Undergraduate research mentor: Spencer Henry. Preparation of <i>Lemur catta</i> dental molds for museum curation.
2022	Post-doctoral mentor and committee member: Dr. Ibrahim Antho Jacky Youssouf. Memoir Defense to Full Professor, November, 2022, Madagascar.
2021	Mentorship, doctoral research and article publication for Channen Long, University of Pretoria.
2020	Mentor and letter writer for Ian Harryman, who has been accepted into Stanford Earth System Program.
2018-20	Channen Long, University of Pretoria. Doctoral study on <i>Otolemur crassicaudatus</i> microbiome at Lajuma Research Centre.
2018	Channen Long, National Zoological Gardens of South Africa. MSc thesis entitled "A seasonal comparison of the gut microbiome of the Southern Lesser Galago".
2018	Harry Msimango Vumboni, University of Venda, training in all aspects of data collection, development of thesis "Optimization of <i>Galago moholi</i> Capture Rates in Afromontane, Temperate Lajuma Landscape.
2018	Dominic Romanello, National Science Foundation Research Experience for Undergraduate Students. He was trained in all aspects of ongoing data collection, including use of thermal cameras, ecological monitoring of insect and gum abundance, as well as health assessments.
2018	Doctoral Research by Metlholo Andries Phukuntsi, University of Tswane, Pretoria South Africa, on conservation genetics of <i>Otolemur crassicaudatus</i> .
2018	Michael Rampedi, MSc student University of Limpopo, Agricultural Research Council. Trained in health assessments of small mammals.
2011	Aimee Norris, Veterinary Technician, Riverbanks Zoo and Garden.
2012-on	Cora Singleton, DVM. San Diego Zoological Park.
2010-12	Cora Singleton, DVM. Riverbanks Zoo and Garden.
2010	Anuschka Smith, DVM., Hillcrest Veterinary Hospital, Pretoria, South Africa
2010	Frederick Stegmann, DVM. Faculty of Veterinary Science, University of Pretoria, South Africa.
2007-09	Scott Larsen, MS, DVM, PhD. Currently Vice President of Veterinary Medicine, Denver Zoo.
2007	Anneke Moresco, MS, DVM, PhD. Research Associate, Denver Zoo.
2006	Jessica Dettman Kurek, Veterinary Student, University of California, Davis, Disease Ecology of Lemurs.
2006	Idalia Rodriguez, Anthropology, University of Massachusetts, Disease Ecology of Lemurs.
2006	Catherine Wood, Veterinary Student, Cornell, Disease Ecology of Lemurs.
2005-06	Martha Weber, DVM. Staff Veterinarian, St. Louis Zoo.
2005	Katie Eckert, Veterinary Student, University of California, Davis, Disease Ecology of Lemurs.
2005	Rachel Mills, Veterinary Student, University of California, Davis, Disease Ecology of Lemurs.
2004	Kerry Sondegroth, Veterinary Student, Colorado State University, Viral Disease Ecology of Lemurs.
2004	Mandala Hunter-Ishikawa, Veterinary Student, Colorado State University, Disease Ecology of Lemurs.
2003	Heather Culberston, Veterinary Student, Cornell University, Disease Ecology of Lemurs.

UNDERGRADUATE RESEARCH OPPORTUNITY INTERNSHIP (UROP) ADVISOR

2019-20	Anthony Borrego. Assessment of Diet in Wild Galagos Using Fecal Analyses
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2014	Hannah Padda. Nutritional Analyses of Feeding Behavior of Ring-tailed lemurs.
2013	Sara Fardi. Environmental Effects on Primate Neurobiology.
2012-13	Anthony Massaro. Habitat Effects on Patterns of Environmental Grit. Both field and laboratory research.
2005	Will Stewart.
2002	J. Wrangham. Male Chimpanzee Behavior.
2000	David Yen. Effects of Captivity on Primate Behavior.

JOB and ACADEMIC PLACEMENT OF STUDENTS

2024	Autumn Lucas. Accepted into master's program, Oxford Brookes University.
2024	Skylar Davidson. Accepted into master's program, Durham University.
2019	Hannah Selvey. Accepted into Sponsored Position, combined PhD/DVM program, Colorado State University Veterinary Program.
2018	Marni LaFleur. Assistant Professor, Department of Anthropology, University of San Diego.
2013	Krista Fish. Assistant Professor, Department of Anthropology, Colorado College.
2013	James E. Loudon. Assistant Professor, Department of Anthropology, East Carolina University.
2011	Jacky Ibrahim Youssouf. Assistant Professor, Faculty of Sciences, Département de Sciences Biologie, Université d' Toliara.
2010	Dana Whitelaw, Vice President, High Desert Museum (currently President), Bend Oregon.

DEPARTMENTAL SERVICE

2023, 2024	Member Graduate Committee
2023	Committee Member for Sarah Kurnick, PUEC Promotion to Associate Professor
2023	Committee Member for Sharon DeWitte, PUEC Review for Hire as Tenured Full Professor
2022	Member, Post-Tenure Review for Steve Leigh
2022	Chair, Jerry Jacky Promotion to Full
2021-23	Member, Executive Committee
2019-20	Member, STAR hiring committee. Successful hire of Fernando Villanea
2018-20	Chair, Space Committee
2019	Member, Graduate Committee
2019-20	Member, Biological Anthropology Search Committee
2019	Self-Study section on Departmental Space.
2018	Chair, Space Committee
2018	Member, Executive Committee
2016	Member, Comprehensive Review and PUEC for Scott Ortman.
2016	Member, Appointment committee for Sara Kurnick.
2016	Member, Anthropology Diversity Committee.
2015-18	Member, Salary Committee.
2015	Member Tenure Committee for Robin Bernstein
2014	Arranged Biological Anthropology Colloquium Speaker" Dr. Russell Hill "Living in a Landscape of Fear: Primate-Predator Interactions in a Montane Habitat". November 4 th , 2014.
2013	Member, Curriculum Committee.
2012	Member, Committee for Advancement to full Professor for Steven Leigh
2012	Member, Self Study Committee
2012	Development of the Anthropology Graduate Student Recruitment Website. http://www.colorado.edu/anthropology/gradstudy/
2010-13	Graduate Director
2010	Member, Committee for Advancement to full Professor for Art Joyce.
2008-10	Member, Graduate Committee.
2009-10	Arranged Spring 2010 Semester Biological Anthropology Colloquium Speakers: Dr. Marta Alfonso and Graciela Cabana.
2008	Member, Committee for Advancement to full Professor for Cathy Cameron.
2008	Arranged Spring 2008 Semester Biological Anthropology Colloquium Speaker: Dr. Peter Gray.
2008	Arranged Spring 2008 Special Guest Speaker Ibrahim Antho Jacky Youssouf, University of Toliara.

2007-09	Developed and Created Alice Brues Museum Exhibit.
2007-08	Member, Tenure Committee for Matt Sponheimer.
2007-08	Member, Faculty Speaker Series Committee.
2007-08	Member, Executive Committee.
2007-08	Member, Salary Grievance Committee.
2006-07	Member, Executive Committee.
2007	Presentation: Dr. Payson Sheets Practicum in Anthropology: Grant Writing Class.
2006-07	Reappointment Committee for Matt Sponheimer.
2005-06	Member, Program Review Committee.
2004-05	Member, Program Review Committee.
2004-05	Member, Vision Committee.
2004-05	Member, Curriculum Committee.
2003-04	Member, Biological Search Committee.
2003-04	Member, Salary Committee.
2003-04	Member, Curriculum Committee.
2003-04	Member, Biological Search Committee.
2002-03	Member, Salary Committee.
2002-03	Member, Curriculum Committee.
2002-03	Biological Anthropology Colloquium: Alison Jolly.
2002-03	Anthropology Club Presentation: Primate Field Work in Madagascar.
2001-02	Member, Graduate Committee.
2001-02	Member, Biological Search Committee.
2001-02	Member, Salary Committee.
2001-02	Anthropology Club Presentation: Reality check: Doing Biological Anthropology.
2000-01	Member, Graduate Committee.
2000-01	Member, Department Commencement Committee.
2000-01	Anthropology Club Presentation: Primate Research at Bocas del Toro, Panama.
1999-00	Member, Space Committee.
1999-00	Development of Anthropology Internship Program (Anth. 4950/5950).
1999-00	Anthropology Brown Bag Presentation: "Field studies in biological anthropology: What ringtailed lemur socioecology can tell us about primate adaptation."
1998-01	Development and Advising of Undergraduate Anthropology Club.
1998-02	Development of Primatology Field School, Bocas del Toro, Panama (Anth. 4360/5360).

UNIVERSITY SERVICE

2023	Member Rio Seed Grant Committee
2022	Member College Scholar Award Committee
2017	Invited Talk FILM 3041, Environmental Cinema, "Primate Conservation in Madagascar" for Erin Espelie, February 23, 2017.
2015-16	Member of the University Core Revision Committee.
2011	Provided an interview to Norlin Scholar Alex Dudley.
2010	Letter of support for Mr. Taylor Wolosin for Study Abroad Program.
2010	Chancellor's Celebration of Donors. Poster Presentation.
2010	Core Curriculum Review: Natural Sciences for Anthropology 2030 and Anthropology 3000
2009	Participant in CU Student for a Day program – visit to my Anth. 2020 class.
2009	Invited Talk CU Museum of Natural History "Paradise Lost? How Lemurs Respond to Environmental Change in Madagascar", September 9 th , 2009.
2009	Helped develop an exhibit on lemurs for the University of Colorado Museum's Biolounge.
2009	Member of the Review Panel for the Innovative Seed Grant Program (IGP).
2007	Selected to and Participated in the National Research Council (NRC) Assessment of Research Doctorate Programs Survey.
2007	Web Communications Performance Evaluation For Will Kubie.
2002	UROP Advisor. J. Wrangham. Chimpanzee Male Behavior.

- 2001** UROP Grant Reviewer: Christina Cotter. American eating habits and their effect on compulsive eating disorder.
- 2000** Member of Review Committee: Beverly Sears Dean's Small Grants Program. Spring 2000 competition.
- 1999** Member of Review Committee: Beverly Sears Dean's Small Grants Program. Fall 1999 competition.
- 1999** UROP Grant Reviewer: A.K. Williams. Analysis of the dietary adaptations of some members of the early primate families Omomyidae and Adapidae.

COMMUNITY SERVICE

- 2024** Invited Lecture, May 3rd 2024. *"How Body Size Affects the Behavioral Ecology of Two Afromontane Sympatric Galagos."* Department Nature Conservation Tshwane University of Technology, Pretoria, South Africa.
- 2022** Invited Lecture, October 7th, 2022. *"Paradise Lost? How Lemurs Respond to Environmental Change in Madagascar."* Department of Biology, University of Northern Colorado, Greeley CO.
- 2016** Lecture on galago field biology. Dr. Sue Margulis and her students from Canisius College, Lajuma Field School, Lajuma South Africa.
- 2014** Lecture on galago field biology. Lajuma Field School, Lajuma South Africa.
- 2011** Lecture on lemur biology, conservation and geography to 25 K-6 students, Taolambiby School, Taloambiby Village, Madagascar, July 15th.
- 2011** Donation of school materials to the new school in the village Antaolambiby, Southwest Madagascar.
- 2009** Provided On-line interview to Alexander Groves, 6th grade student of a sailing family being home-schooled. (<http://www.samadhiv.org/>).
- 2006-on** Development and maintenance of Web Site: The Beza Mahafaly Ring-tailed Lemur Biology Project. <http://www.colorado.edu/anthropology/lemur>.
- 2000** Invited Speaker, Bridge School: "Lemurs of Madagascar"
- 2000** Invited Speaker, Anth. 3000 (Dr. Sue Woods): "Lemur Fieldwork."
- 1998** Workshop organizer: University of Colorado/American Association of University Women's "Expanding Your Horizons" Conference for sixth and seventh grade girls. Workshop Title: Exploring the Andes.
- 1997** Workshop organizer: University of Colorado/American Association of University Women's "Expanding Your Horizons" Conference for sixth and seventh grade girls. Workshop Title: Careers in Anthropology.

PROFESSIONAL SERVICE

- 2024** External Reviewer for a promotion case to the rank of Professor
- 2024** Grant Review, International Journal of Primatology, National Science Foundation
- 2023** Grant Review, International Journal of Primatology
- 2022** Grant Review, International Journal of Primatology
- 2020** Grant Reviewer, Primate Conservation – 1 Review
- 2020** Grant Review, International Journal of Primatology – 1 Review
- 2020** Grant Review, Interface Focus – 1 Review
- 2020** Grant Review, Journal of Ethnobiology – 1 Review
- 2020** Letter of reference for Dr. Juan Scheun, Rufford Foundation
- 2017-present** Unpaid consultant. American Zoological Association Ring-tailed Lemur Species Survival Program and SSP Management Group.
- 2019** Ring-tailed Lemur Expert: Lemur Portal. <https://www.lemursportal.org/?lang=en>
- 2019** Grant Reviewer, National Science Foundation – 1 Review.
- 2018** Grant Reviewer, National Science Foundation – 1 Review.
- 2018** Grant Reviewer, Primate Conservation International – 2 Reviews.
- 2017** Manuscript Reviewer American Journal of Primatology
- 2017** National Science Foundation Grant Review
- 2016** Unpaid consultant. Amy Reeve and Natalie Coles, Arrow Media, for a new series on National Geographic. October 13, 27, 2016.

- 2016 Reviewer: American Journal of Physical Anthropology – 1 Review.
- 2016 Reviewer: Primate Biology – 1 Review.
- 2015 Invited Judge, Presentation Competition, National Zoological Gardens of South Africa and the University of Pretoria, 6th Annual Wildlife Research Symposium, Pretoria, South Africa, November 19-20.
- 2014 Support letter for Percy Yvon Rakoto – Chevening Scholarship
- 2014 Support letter for Percy Yvon Rakoto- Fulbright Scholarship
- 2014 Grant Reviewer: National Science Foundation – 1 review
- 2013 Grant Reviewer: National Science Foundation – 1 review.
- 2013 Grant Reviewer Primate Conservation International – 2 reviews.
- 2013 Invited Referee, Student Presentation Competition, International Prosimian Congress 2013, Ranomafana National Park, Madagascar, August 5-9, 2013.
- 2012 Professional review and authentication of *Ring-tailed Lemur Fact File on Arkive*:
<http://www.arkive.org/ring-tailed-lemur/lemur-catta/>
- 2012 Reviewer, National Science Foundation.
- 2012 Reviewer, International Journal of Zoology.
- 2011 Reviewer, National Science Foundation.
- 2010 Sauther, ML. Ring-tailed Lemurs: Natural History, Ecology, Social Organization and Conservation. IN Villers L. North American Regional Studbook Ring-tailed Lemur Stud Book. Indianapolis Zoo Volume 16, June 2010, pp. 4 – 16.
- 2010 Reviewer, National Science Foundation.
- 2010 Reviewer, Manuscript for *Madagascar Conservation and Development* journal.
- 2009 External Doctoral Thesis Review. “Reproductive Behaviour and Habitat Use in the Blue-eyed black lemur (*Eulemur flavifrons*, Gray, 1867) at the Sahamalaza Peninsula, National Park Madagascar, Maria Volampeno. University of Fort Hare, South Africa.
- 2009 Reviewer, National Science Foundation.
- 2009 Reviewer, Madagascar Conservation Journal.
- 2009 Reviewer, American Journal of Primatology
- 2009 Reviewer, National Geographic Young Explorer’s Grant.
- 2009 Reviewer, Volkswagen Foundation African Initiative Earth and Environmental Sciences Program.
- 2008 Reviewer, NSF CAREER Grant.
- 2005-08 Scientific Advisor for the Ring-tailed Lemur Species Survival Plan.
- 2008 Provided Picture to be Included in the Book “The Life of Primates” by Nystrom, P. and Ashmore, P.
- 2007-on Field Advisor: Prosimian Taxon Advisory Group. <http://www.prosimiantag.org/default.htm>
- 2007 Unpaid Consultant: Lemur Disease Ecology for David M. Powell, Ph.D. Assistant Curator Department of Mammalogy Wildlife Conservation Society/Bronx Zoo.
- 2007 Reviewed ten grants for the Lindburgh Fund; one grant for the National Geographic Society.
- 2006 Reviewed seven grants for the Lindbergh Fund; one grant for the National Geographic Society; one grant for the International Foundation for Science.
- 2006 Served as external review on one tenure case.
- 2005 National Science Foundation, Living Stocks Grant Review Panel, October/November.
- 2005 Reviewer of 45 proposals Panel review meeting held at NSF headquarters, VA, November 2005.
- 2005 Served as external review on one tenure case.
- 2005 Reviewed and edited Primate Info Net factsheet for the ring-tailed lemur:
http://pin.primate.wisc.edu/factsheets/entry/ring-tailed_lemur
- 1998-05 Member of the Editorial Board: International Journal of Primatology.
- 1998-07 Board Member, Institute for Tropical Education and Conservation.
- 2005 Reviewed four journal manuscripts for International Journal of Primatology.
- 2004 Reviewed four journal manuscripts for International Journal of Primatology. Reviewed one NSF grant.
- 2003 Reviewed five journal manuscripts for International Journal of Primatology. Reviewed two NSF grants.
- 2002 Reviewed four journal manuscripts for International Journal of Primatology. Reviewed four NSF grants.
- 2001 Reviewed three journal manuscripts for International Journal of Primatology.
- 2000 Reviewed one NSF application; five journal manuscripts for International Journal of Primatology.
- 1999 Unpaid Consultant, “The Human Evolution Coloring Book” by A. Zihlmann.
- 1999 Reviewed five journal manuscripts for International Journal of Primatology; American Journal of Primatology; and American Journal of Physical Anthropology.

1998 Reviewed three journal manuscripts for International Journal of Primatology and American Journal of Physical Anthropology.

PROFESSIONAL MEMBERSHIPS

American Association of Physical Anthropologists
American Society of Primatologists
International Society of Primatologists
American Association for the Advancement of Science