

REBECCA J. LEWIS

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EDUCATION

- 2004 **Ph.D.** Biological Anthropology & Anatomy, Duke University
- 1994 **B.A. (*cum laude*)** Duke University
Degrees: Biological Anthropology & Anatomy; Philosophy.
Certificates: Art; Primatology.

PROFESSIONAL APPOINTMENTS

- 2020-present **Professor:** Department of Anthropology, University of Texas at Austin
- 2012-2020 **Associate Professor:** Department of Anthropology, University of Texas at Austin
- 2011-present **Adjunct Graduate Faculty** Texas State University
- 2006-present **Founder and Director,** Ankoatsifaka Research Station, Madagascar
- 2005-2012 **Assistant Professor:** Department of Anthropology, University of Texas at Austin
- 2007-2010 **Assistant Professor:** Department of Veterinary Sciences, Michale E. Keeling Center for Comparative Medicine & Research, UT MD Anderson Cancer Center
- 2004-2005 **Lecturer and Research Fellow:** Department of Anthropology, University of Texas at Austin

REFEREED JOURNAL PUBLICATIONS

**graduate student co-author (15 publications); **undergraduate student co-author (1 publication)*

Lewis RJ (in review) Aggression, rank, and power: Why hens (and other animals) do not always peck according to their strength. Philosophical Transactions of the Royal Society B.

*Rakotomalala EJ, Rakotomanana HF, **Lewis RJ** (in revision) "Les zones forestières du Sud Menabe, Morondava, Madagascar: pressions et menaces". Madagascar Conservation & Development.

Perofsky A, Meyers LA, Abondano L, Di Fiore A, **Lewis RJ** (in revision) Social groups constrain the spatiotemporal dynamics of wild sifaka gut microbiomes. Molecular Ecology.

Colchero F, Aburto JM, Archie EA, Boesch C, Breuer T, Campos FA, Fedigan LM, Fichtel C, Groenenberg M, Hobaiter C, Kappeler PM, Lawler RR, **Lewis RJ**, Machanda ZP, Manguette ML,

Muller MN, Packer C, Parnell RJ, Perry S, Pusey AE, Robbins MM, Seyfarth RM, Silk JB, Sterck J, Stoinski TS, Stokes EJ, Strier KB, Strum SC, Tung J, Villavicencio F, Witting RM, Wrangham RW, Zuberbühler K, Vaupel JW, Alberts SC (2021) The long lives of primates and the ‘invariant rate of ageing’ hypothesis. Nature Communications 12:3666.

Lewis RJ, Sandel AA, **Hilty S, **Barnett SE (2020) Numerical superiority does not explain success in intergroup encounters in Verreaux’s sifaka (*Propithecus verreauxi*). International Journal of Primatology. DOI: 10.1007/s10764-020-00155-6

Lewis RJ (2020) Female power: A new framework for understanding “female dominance” in lemurs. Folia Primatologica. 91(1): 48-68. DOI: 10.1159/000500443

Mann AE, Mazel F, Lemay M, Morien E, Kowalewski M, Di Fiore A, Link A, Goldberg T, Tecot S, Baden A, Gomez A, Sauther SL, Cuzzo F, Britton GAO, Dominy NJ, Stumpf R, **Lewis RJ**, Swedell L, Amato A, Wegener Parfrey L (2019) Biogeography of protists and nematodes in the wild non-human primate gut microbiome. International Society for Microbial Ecology Journal. 14:609-622. DOI: 10.1038/s41396-019-0551-4

*Voyt RA, *Ortiz KM, Sandel AA, **Lewis RJ** (2019) Female power in Verreaux's sifaka (*Propithecus verreauxi*) is based on maturity, not body size. International Journal of Primatology 40(3): 417-434. DOI: 10.1007/s10764-019-00096-9

Lewis RJ (2019) Subordination signals improve the quality of social relationships in Verreaux’s sifaka: Implications for the evolution of power structures and social complexity. American Journal of Physical Anthropology 169:599-607. DOI: 10.1002/ajpa.23876

Amato K, Sanders J, Jin Song S, Nute M, Metcalf J, Thompson L, Morton J, Amir A, McKenzie V, Humphrey G, Gogul G, Gaffney J, Baden A, Britton G, Cuzzo F, Di Fiore A, Dominy N, Goldberg T, Gomez A, Kowaleski M, **Lewis R**, Link A, Sauther M, Tecot S, White B, Nelson K, Stumpf R, Knight R, Leigh S (2019) Evolutionary trends in host physiology outweigh dietary niche in structuring primate gut microbiomes. International Society for Microbial Ecology Journal 13:576-587. DOI: 10.1038/s41396-018-0175-0

*Perofsky A, **Lewis RJ**, Meyers LA (2019) Terrestriality and bacterial transfer: A comparative study of gut microbiomes in sympatric Malagasy mammals. International Society for Microbial Ecology Journal 13:50–63. DOI: 10.1038/s41396-018-0251-5

Lewis RJ (2018) Female Power in Primates and the Phenomenon of “Female Dominance”. Annual Review of Anthropology 47:533–551. DOI: 10.1146/annurev-anthro-102317-045958

*Perofsky A, **Lewis RJ**, *Abondano L, Di Fiore A, Meyers LA (2017) Hierarchical social networks shape gut microbial composition in wild Verreaux’s sifaka Proceedings of the Royal Society B. 284:20172274. DOI: 10.1098/rspb.2017.2274

*Rakotomalala E, Rakotondraparany F, *Perofsky A, **Lewis RJ**. (2017) Characterization of the tree holes used by *Lepilemur ruficaudatus* in the dry, deciduous forest of Kirindy Mitea National Park. Folia Primatologica 88(1): 28-41. DOI: 10.1159/000464406

*Leimberger K, **Lewis RJ** (2017) Male strategies for changing group membership in Verreaux's sifaka (*Propithecus verreauxi*). American Journal of Primatology 79:e22455 DOI: 10.1002/ajp.22455

Veilleux CC, Scarry CJ, Di Fiore A, Kirk EC, Bolnick DA, **Lewis RJ** (2016) Group benefit associated with polymorphic trichromacy in a Malagasy primate (*Propithecus verreauxi*). Scientific Reports 6:38418. DOI: 10.1038/srep38418

*Rasambainarivo FT., Junge RE, **Lewis RJ** (2014) Biomedical evaluation of Verreaux's sifaka (*Propithecus verreauxi*) from Kirindy Mitea National Park in Madagascar. Journal of Zoo and Wildlife Medicine 45(2):247-255. DOI: 10.1638/2013-0038R1.1

Vanpé C, *Salmona J, Pais I, Kun-Rodrigues C, Pichon C, Viana Meyler S, Rabarivola C, **Lewis RJ**, Thani Ibouroi M, Chikhi L (2013) Non-invasive molecular sexing: An evaluation and validation of the SRY- and amelogenin-based method in three new lemur species. American Journal of Physical Anthropology 150:492-503. DOI: 10.1002/ajpa.22222

Lewis RJ, *Bannar-Martin KH (2012) The impact of Cyclone Fanele on a tropical dry forest in Madagascar. Biotropica 44(2):135-140. DOI: 10.1111/j.1744-7429.2011.00799.x

Lewis RJ, *Rakotondranaivo F (2011) The impact of Cyclone Fanele on sifaka body condition and reproductions in the tropical dry forest of western Madagascar. Journal of Tropical Ecology 27:429–432. DOI: 10.1017/S0266467411000083

*Carnes LM, Nunn CL, **Lewis RJ** (2011) Effects of the distribution of female primates on the number of males. PLoS ONE 6(5):e19853. doi:10.1371/journal.pone.0019853

*Veilleux CC, **Lewis RJ** (2011) Effects of habitat light intensity on mammalian eye shape. Anatomical Record 294:905-914. DOI: 10.1002/ar.21368

Lewis RJ (2010) Grooming patterns in Verreaux's sifaka. American Journal of Primatology 72(3):254-261. DOI: 10.1002/ajp.20776

Lewis RJ (2009) Chest staining variation as a signal of testosterone levels in male Verreaux's sifaka. Physiology & Behavior 96:586-592. DOI: 10.1016/j.physbeh.2008.12.020

Lewis RJ (2008) Social influences on group membership in *Propithecus verreauxi verreauxi*. International Journal of Primatology 29(5):1249-1270. DOI: 10.1007/s10764-008-9304-3

Lewis RJ, van Schaik CP (2007) Bimorphism in male Verreaux's sifaka in the Kirindy Forest of Madagascar. International Journal of Primatology 28(1):159-182. DOI: 10.1007/s10764-006-9107-3

Lewis RJ (2006) Scent marking in sifaka: No one function explains it all. American Journal of Primatology 68(6):622-636. DOI: 10.1002/ajp.20256

Lewis RJ, Kappeler PM (2005) Seasonality, body condition, and the timing of reproduction in *Propithecus verreauxi verreauxi*. American Journal of Primatology 67(3):347-364. DOI: 10.1002/ajp.20187

Lewis RJ, Kappeler PM (2005) Are Kirindy sifaka capital or income breeders? It depends. American Journal of Primatology 67(3):365-369. DOI: 10.1002/ajp.20190

Lewis RJ (2005) Sex differences in scent-marking in sifaka: Mating conflict or male services? American Journal of Physical Anthropology 128(2):389-398. DOI: 10.1002/ajpa.20206

Lewis RJ, Razafindrasamba SM, Tolojanahary JP (2003) Observed infanticide in a seasonal breeding prosimian (*Propithecus verreauxi verreauxi*) in Kirindy Forest, Madagascar. Folia Primatologica 74(2):101-103. DOI: 10.1159/000070006

Lewis RJ (2002) Beyond dominance: The importance of leverage. The Quarterly Review of Biology 77(2): 149-164. DOI: 10.1086/343899

REFEREED BOOK CHAPTERS

Lewis RJ, Axel AC (2019) Using vegetation phenology and long-term demographic data to assess the impact of Cyclone Fanele on a lemur population in Madagascar. In A Behie, J, N Malone (eds) Primate Research and Conservation in the Anthropocene (pp. 216-236). Cambridge: Cambridge University Press. DOI: 10.1017/9781316662021.013

Nunn CL, **Lewis RJ** (2001) Cooperation and collective benefits: applying economic models of collective action to animal behavior. In R Noë, J. A.R.A.M. van Hooff, and P Hammerstein (eds.): Economics in Nature; Social Dilemmas, Mate Choice and Biological Markets, pp.42-66. Cambridge: Cambridge University Press. DOI: 10.1017/cbo9780511752421.005

REFEREED ENCYCLOPEDIA CHAPTERS

Lewis RJ (2018): Behavioral sampling. International Encyclopedia of Biological Anthropology. Wiley Blackwell. Pp. 165-167. DOI: 10.1002/9781118584538.ieba0047

Lewis RJ (2017): Sociobiology. International Encyclopedia of Primatology. Wiley Blackwell. Pp. 1329-1332. DOI: 10.1002/9781119179313.wbprim0407

Lewis RJ (2017): Behavioral sampling. International Encyclopedia of Primatology. Wiley Blackwell. Pp. 93-97. DOI: 10.1002/9781119179313.wbprim0083

Lewis RJ (2017): Sexual selection. International Encyclopedia of Primatology. Wiley Blackwell. Pp. 1281-1286. DOI: 10.1002/9781119179313.wbprim0060

Lewis RJ (2017): Mate choice. International Encyclopedia of Primatology. Wiley Blackwell. Pp. 774-776. DOI: 10.1002/9781119179313.wbprim0157

OTHER BOOK CHAPTERS

Lewis RJ (2016) Speaking of power. In E Palagi, I Norscia (eds): *The Missing Lemur Link: An Ancestral Step in Human Evolution*. Cambridge University Press: Cambridge. Pp. 234-237.

Markolf M, Kappeler P, **Lewis R**, Jacky IAY (2013) Site-Based Action Plan: Kirindy-Ambadira (Central Menabe). In C Schwitzer, R Mittermeier, N Davies, S Johnson, J Ratsimbazafy, J Razafindramanana, EE Louis Jr, S Rajaobelina (eds): *Lemurs of Madagascar: A Strategy for Their Conservation 2013-2016*. IUCN SSC Primate Specialist Group, Bristol Conservation and Science Foundation, Conservation International: Bristol, UK.

Lewis RJ, Lawler RR (2013) Verreaux's sifaka. In N Rowe (ed.): All the World's Lemurs, Lorises, Bushbabies, and Pottos: The Primate Suborder Strepsirhini (All the World's Primates Ebook Series). Charlestown, RI: Pogonias Press.

Lewis RJ, Lawler RR (2011) Verreaux's Sifaka. In N Rowe, M Myers (eds.): All the World's Primates, www.alltheworldsprimates.org. Primate Conservation Inc., Charlestown RI.

BOOK REVIEWS

Lewis RJ (2006) *Macaque Societies: A Model for the Study of Social Organization*, by B Thierry et al. New York, Cambridge University Press, 2004, 418 pp. [Book review] American Journal of Physical Anthropology 131(1):149-150. DOI: 10.1002/ajpa.20414

FIELD REPORTS TO GOVERNMENT AGENCIES

- 2021 Madagascar National Parks, Report of Research Activities, 26p.
- 2019 Madagascar National Parks, Report of Research Activities, 11p.
- 2018 Madagascar National Parks, Report of Research Activities, 22p.
- 2017 Madagascar National Parks, Report of Research Activities, 15p.
- 2016 Madagascar National Parks, Report of Research Activities, 8p.
- 2016 Madagascar National Parks, Report of Research Activities, 20p.
- 2015 Madagascar National Parks, Report of Research Activities, 16p.
- 2015 Madagascar National Parks, Report of Research Activities, 18p.

- 2014 Madagascar National Parks, Report of Research Activities, 25p.
- 2013 Madagascar National Parks, Report of Research Activities, 15p.
- 2013 Madagascar National Parks, Report of Research Activities, 20p.
- 2012 Madagascar National Parks, Report of Research Activities, 33p.
- 2011 Madagascar National Parks, Report of Research Activities, 60p.
- 2010 Madagascar National Parks, Report of Research Activities, 14p.
- 2009 Madagascar National Parks, Report of Research Activities, 15p.
- 2008 The National Association for the Management of Protected Areas in Madagascar, Report of Research Activities, 14p.
- 2007 The National Association for the Management of Protected Areas in Madagascar, Report of Research Activities, 5p.
- 2007 The National Association for the Management of Protected Areas in Madagascar, Report of Research Activities, 10p.
- 2006 The National Association for the Management of Protected Areas in Madagascar, Report of Research Activities, 5p.

GRANTS AWARDED

**with/on behalf of graduate student (1 students); ** with/on behalf of undergraduate student (7 students)*

- Campbell Foundation** **\$1440**
Lemur Conservation Via Citizen Science in Rural Madagascar. Rebecca Lewis. 2019
- University of Texas Undergraduate Research Fellowship** **\$1000**
With Samantha Hilty** to study chimpanzee ecology in Tanzania. May-Aug 2018.
- National Science Foundation** **\$227,322**
Collaborative Research: The Function and Mechanism of Male Relationships in a Primate System. with Stacey Tecot. January 2018 – February 2022
- University of Texas Research Grant** **\$5999**
Physiology and the Role of Females in Male Social Bonds. May – August 2017
- National Science Foundation Center Grant: “BEACON: An NSF Science and Technology Center for the Study of Evolution in Action.”** **\$15,965**
Factors that Influence Gut Microbiota Diversity and Intestinal Bacteria Transmission Dynamics in Wild Lemurs. Lauren Meyers, **Rebecca Lewis**, Amanda Perofsky*. August 2015-October 2016

University of Texas COLA Undergraduate Research Apprenticeship** **\$2300**
Evolution of Sex Ratios in Primate Groups. January-May 2016

University of Texas Special Research Grant **\$ 750**
Behavioral and morphological influences on paternity distribution in Verreaux's sifaka.
December 2015-August 2016

Margot Marsh Biodiversity Fund **\$20,000**
Inventory and Conservation Genetics of the Nocturnal Primate Community in the Kirindy Mitea
National Park, Madagascar. **Rebecca Lewis**, Edward Louis Jr. October 2014-June 2016.

The Leakey Foundation **\$15,000**
Behavioral and morphological influences on paternity distribution in Verreaux's sifaka. **Rebecca
Lewis**, Anthony Di Fiore. May 2013-Aug 2014

University of Texas Special Research Grant **\$ 750**
Seeing Red and Green: Color-Sensitive Foraging in Lemurs. Oct 2011-Aug 2012.

University of Texas COLA Undergraduate Research Apprenticeship** **\$2300**
Behavioral Ecology of Verreaux's Sifaka in the Western Forests of Madagascar. May-Aug 2012.

University of Texas Summer Research Assignment **\$10,164**
The Effects of a Cyclone on Verreaux's Sifaka in the Kirindy Mitea National Park. Jun-Jul 2010.

Primate Conservation, Inc. **\$1000**
The Effects of a Cyclone on Verreaux's Sifaka in the Kirindy Mitea National Park. Jan-Apr
2010.

Rapaport King Scholarship **\$4000**
With undergraduate Jessica Graves** to study primate brain evolution. Oct 2010-May 2011.

University of Texas Undergraduate Research Fellowship **\$1000**
With undergraduate Jessica Graves** to study primate brain evolution. Mar 2010-Aug 2011.

Primate Conservation, Inc. **\$3000**
The Effects of a Cyclone on Verreaux's Sifaka in the Kirindy Mitea National Park. Jan-Dec
2010.

University of Texas Undergraduate Research Fellowship **\$1000**
With undergraduate Gordon Ulmer** to study saki monkey vocalizations in Peru. May-Aug
2008.

University of Texas Research Grant **\$5990**
The Collective Action Problem in Chimpanzees: A Model for the Evolution of Human
Cooperation. Oct 2007-Aug 2008.

University of Texas Undergraduate** Research Apprenticeship	\$2300
The Collective Action Problem in Chimpanzees: A Model for the Evolution of Human Cooperation. Jan-May 2007.	
University of Texas Summer Research Assignment	\$10,000
Stained Chests in Male Sifaka: A Signal of Male Reproductive Strategy? Jun-Jul 2006.	
Primate Conservation, Inc.	\$2005
Exploration of the Forests Near Mitsinjo, Madagascar as a Possible Location for a Long-term Field Study of Northwestern <i>Propithecus</i> . May-Aug 2005.	
National Science Foundation Dissertation Improvement Grant	\$9,957
Sources of Variation in Male-Female Relationships in Verreaux's Sifaka (<i>Propithecus verreauxi verreauxi</i>): Intersexual Conflict and Power. Oct 2000-Apr 2002.	
Wenner-Gren Foundation Predoctoral Grant	\$20,000
Sources of Variation in Male-Female Relationships in Verreaux's Sifaka (<i>Propithecus verreauxi verreauxi</i>): Intersexual Conflict and Power. Oct 2000-Apr 2002.	
Leakey Foundation General Research Grant	\$8,700
Male-Female Relationships in <i>Propithecus verreauxi verreauxi</i> in the Kirindy Forest. Oct 2000-Apr 2002.	
Graduate Award for International Research	\$3,000
Sources of Variation in Male-Female Relationships in Verreaux's Sifaka (<i>Propithecus verreauxi verreauxi</i>): Intersexual Conflict and Power. Jun-Aug 2000.	
Graduate Award for International Research	\$3,500
Socially-Mediated Factors Affecting Seasonal Testicular Function in <i>Propithecus verreauxi</i> : Hormonal Mechanisms and Evolutionary Questions. Jun-Aug 1998.	
Latin American Studies Travel Grant	\$2,500
The Socioecology of Common Marmosets and the Power Dynamics of Their Cooperative Polyandry Mating System. Jul-Aug 1997.	
Graduate Award for International Research	\$1,000
The Socioecology of Common Marmosets and the Power Dynamics of Their Cooperative Polyandry Mating System. Jul-Aug 1997.	

HONORS AND AWARDS

2020	<i>Nominee</i> , Raymond Dickson Centennial Endowed Teaching Fellowship, Department of Anthropology, University of Texas-Austin
2019	<i>Nominee</i> , Dads' Association Centennial Teaching Fellowship, College of Liberal Arts, University of Texas-Austin

2019	<i>Nominee</i> , Raymond Dickson Centennial Endowed Teaching Fellowship, Department of Anthropology, University of Texas-Austin	
2018	College Research Fellowship, University of Texas-Austin	
2014	Faculty Research Assignment, University of Texas-Austin	
2005-2006	Fellow, Center for Women's and Gender Studies Faculty Development Program, University of Texas-Austin	\$ 2,000
2003-2004	R. L. Trivers Instructorship, Duke University	\$14,000
2003-2004	Julian Price Fellowship, Duke University	\$ 1,000
1996-2001	National Science Foundation Graduate Fellowship	\$45,000

FIELD STATION AND COLONY MANAGEMENT

2006-present	Founder and Director , Ankoasifaka Field Station, Kirindy Mitea National Park, Madagascar.
2005-2014	Co-Founder and Co-Manager , Mouse lemur colony, University of Texas-Austin.
1994-1995	Director , Joyce Powzyk's research camp, Mantadia National Park, Madagascar.

RESEARCH EXPERIENCE / FIELDWORK

2019-present	Sifaka Collective Ecology. Co-Principal Investigator. In collaboration with Dr. Margaret Crofoot, Damien Caillaud, and Teague O'Mara.
2017-present	Primate Demography Working Group, led by Susan Alberts (Duke University) and Fernando Colchero (University of Southern Denmark), demographers, captive research groups, and PIs from 18 long-term primate studies.
2009-present	The Impact of Cyclone Fanele on the Kirindy Mitea National Park, Madagascar. Principal Investigator.
2006-present	Behavior and Ecology of Sifaka. Kirindy Mitea National Park, Madagascar. Principal Investigator.
2019-2020	Tarsier Visual Biology. Co-Principal Investigator. In collaboration with Drs. Alexander Huk, Christopher Kirk, Jacob Yates.
2014-2019	Inventory and Conservation Genetics of the Nocturnal Primate Community in the Kirindy Mitea National Park, Madagascar. Principal Investigator. In collaboration with Edward E. Louis, Jr., Hajanirina Rakotomanana, Elvis Rakotomalala.

- 2010–2018** Disease Ecology of Verreaux’s Sifaka. Kirindy Mitea National Park, Madagascar. **Co-Principal Investigator**. In collaboration with Drs. Lauren Meyers, Amanda Perofsky, Damien Caillaud, Randy Junge, Fidisoa Rasambainarivo.
- 2004-2010** Cooperation in Chimpanzees (*Pan troglodytes*). Bastrop, Texas. **Principal Investigator**.
- 2000-2002** Sources of Variation in Male-Female Relationships in Verreaux’s Sifaka (*Propithecus verreauxi verreauxi*): Intersexual Conflict and Power. Kirindy Forest, Madagascar. **Principal Investigator**, dissertation research under Carel van Schaik.
- 1998 Socially-Mediated Factors Affecting Seasonal Testicular Function in *Propithecus verreauxi*: Hormonal Mechanisms and Evolutionary Questions. Beza-Mahafaly Special Reserve, Madagascar. Assisted Diane Brockman and Patricia Whitten.
- 1997 Ecological Influences on the Social Organization and Reproductive Strategies in the Common Marmoset (*Callithrix jacchus*). Parque Nacional de Sete Cidades, Brazil. Assisted Leslie Digby.
- 1995-1996** A Comparison of Social Interactions in Pigtailed Monkeys and Rhesus Monkeys. Tulane Regional Primate Research Center. Covington, Louisiana. **Principal Investigator** in collaboration with Margaret Clarke and Marie Hunyen.
- 1994-1995 Socio-ecology of Two Sympatric Indriids: *Propithecus diadema diadema* and *Indri indri*, a Comparison of Feeding Strategies and Their Possible Repercussions on Species Specific Behaviors. Mantadia National Park, Madagascar. Assisted Joyce Powzyk.
- 1993-1994** Sex Differences in Control of Power in *Eulemur fulvus rufus*. Duke University Primate Center. **Principal Investigator** in collaboration with Frances White and Deborah Overdorff.
- 1992 Morphometrics of *Lemur catta* and *Eulemur fulvus rufus*. Duke University Primate Center. Assisted Michael Pereira.

INVITED PRESENTATIONS

- 2020 “Female Power in Primates.” Department of Anthropology, University of California-Davis.

- 2019 “Female Power in the Lemurs of Madagascar.” BashFest Symposium. Department of Astronomy. University of Texas-Austin.
- 2019 “Sifaka Behavioral Ecology.” Department of Biology, Universitas Nasional. Jakarta, Indonesia.
- 2018 “Power in Primates.” Symposium in Honor of Carel van Schaik. Institut für Anthropologie, University of Zurich. Zurich, Switzerland.
- 2018 “Maternal Energetic Stress Drives Patterns of Intergroup Encounters in Verreaux’s Sifaka” Symposium: International Primatological Society. Nairobi, Kenya.
- 2018 “Sexual dimorphism and the rise of male dominance.” Symposium: Causes, Context, and Consequences of Human Sexual Dimorphism. American Association of Physical Anthropologists. Austin, TX.
- 2016 “Comparative Analysis of Male Reproductive Strategies on Genus *Propithecus*.” Symposium: 50 Years of Sifakas: Evolutionary Perspectives and Conservation Advances. International Primatological Society. Chicago, Illinois.
- 2015 “The Evolution of Power in Primates.” Anthropologisches Institut & Museum Universität Zürich. Zurich, Switzerland.
- 2014 “Does female dominance facilitate female mate choice? An examination of mate choice in Verreaux’s sifaka (*Propithecus verreauxi*).” Symposium: Female Mate Choice in Non-human Primates and Humans. American Association of Physical Anthropologists. Calgary, Canada.
- 2014 “Male strategies for changing group membership in Verreaux’s sifaka.” Symposium: A change of scene: Group Takeovers and Alpha Male Replacements in Primates. American Association of Physical Anthropologists. Calgary, Canada.
- 2013 “Casting a Wide Net: The Benefits of Capture Data” International Prosimian Congress Workshop on Field Methods in Prosimian Biology: Capture, Anesthesia, Parasites and Disease. Ranomafana, Madagascar.
- 2012 “Alternative Reproductive Tactics: Reversible Bimorphism in a Lemur” Integrative Biology Seminar Series. University of Texas-Austin, Austin, Texas.
- 2010 “The Influence of Seasonal Scarcity on Power Dynamics in Verreaux’s sifaka (*Propithecus verreauxi*).” Symposium: Coping with Resource Scarcity: Diversity in Primate Adaptations. International Primatological Society. Kyoto, Japan.

- 2009 “Primate Social Relationships: Power, Conflict, and Cooperation.” Michale E. Keeling Center for Comparative Medicine & Research, UT MD Anderson Cancer Center. Bastrop, TX.
- 2006 “Biological Markets: The Role of Economics in the Evolution of Cooperation.” University of Texas-Austin Anthropology Seminar Series. Austin, TX.
- 2006 “Male-Female Relationships: Power, Conflict, and Cooperation.” Sam Houston State University Biology Department Seminar Series. Huntsville, TX.
- 2006 “Biological Markets: The Evolution of Cooperation.” University of Texas-Austin Dean’s Scholars. Austin, TX.
- 2006 “Male-Female Relationships: Power, Conflict, and Cooperation.” University of Texas-Austin Evolutionary Psychology Seminar Series. Austin, TX.
- 2004 “Intersexual Conflict in Scent-marking.” The Neglected Sense Symposium, International Primatological Society. Torino, Italy.
- 2003 “Bimorphism in Male Verreaux’s Sifaka (*Propithecus verreauxi verreauxi*): Chest Status as an Honest Signal of Male Quality?” Sexual Selection Symposium, American Society of Primatologists. Calgary, Canada.
- 2002 “Sources of Variation in Male-Female Relationships in White Sifaka (*Propithecus verreauxi verreauxi*).” LemurCon, Duke University Primate Center. Durham, NC.
- 2002 “Sifaka Sending Signals.” Kirindy Symposium, German Primate Center. Göttingen, Germany.

CONFERENCE PRESENTATIONS

**graduate student co-author (24 presentations); **undergraduate student co-author (11 presentations)*

Gnanadesikan GE*, Hammock EAD, Tecot SR, Lewis R, MacLean EL: Developing a new extraction method to minimize interference in immunoassay of urinary oxytocin. International Society for Wildlife Endocrinology Virtual Conference August 2021.

Lewis RJ, Axel A, **Williams C: Group composition is influenced by climate in Verreaux’s sifaka (*Propithecus verreauxi*). American Journal of Physical Anthropology. Supplement 69:160. March 2020, Los Angeles, CA

Mann AE, Mazel F, Lemay M, Morien E, Kowalewski M, Di Fiore A, Link A, Goldberg T, Tecot S, Baden A, Gomez A, Sauter SL, Cuozzo F, Britton GAO, Dominy NJ, Stumpf R, Lewis RJ, Swedell L, Amato A, Wegener Parfrey L: What shapes the non-human primate gut microbiome? Insights from microbial eukaryotes. American Journal of Physical Anthropology. Supplement 69:173. March 2020, Los Angeles, CA

Asangba AE*, Mugisha L, Rukundo J, **Lewis RJ**, Halajian A, Cortes-Ortiz L, Junge RE, Irwin MT, Karlson J, Perkin A, Bales KL, Leigh SR, Stumpf RM: A relatively conserved oral microbiome in non-human primates. American Journal of Physical Anthropology. Supplement 69:11-12. March 2020, Los Angeles, CA.

Lewis RJ, Axel A, **Williams C: Verreaux's sifaka (*Propithecus verreauxi*) group size, group composition, & dispersal patterns are influenced by climate: The case study of a lemur inhabiting a tropical dry forest. Association of Tropical Biology and Conservation. August 2019, Antananarivo, Madagascar.

*Rakotomalala JE, Rakotomanana HF, Louis, Jr. EE, **Lewis RJ**: Affects of forest structure on nocturnal lemur occurrence and microhabitat preference in the dry forest of southern Menabe, Morondava, Madagascar. Association of Tropical Biology and Conservation. August 2019, Antananarivo, Madagascar.

*Lutz MC, Randrianarison RM, **Lewis RJ**, Caillaud D: Microhabitat preferences for affiliative behavior in two endangered sifaka species. Association of Tropical Biology and Conservation. August 2019, Antananarivo, Madagascar.

*Asangba AE, Donahue M, *Lamb A, **Lewis RJ**, Junge RE, Irwin M, Leigh SR, Wright PC, Stumpf RM: Testing factors influencing the lemur gut microbiome: host genetics or diet? American Journal of Physical Anthropology. Supplement 68:8-9. March 2019, Cleveland, OH.

Lewis RJ, **Hitly S, **Barnett SE: "Participation in intergroup encounters in Verreaux's sifaka are influenced by maternal energetic stress" Texas Association of Biological Anthropologists. November 2018, San Marcos, TX.

*Romanello D, **Lewis RJ**: "Intermediate forest recovery patterns following Cyclone Fanele in Kirindy Mitea National Park, Madagascar" Texas Association of Biological Anthropologists. November 2018, San Marcos, TX.

*Voyt RA, Ortiz KM, Sandel AA, **Lewis RJ**: "Intersexual power dynamics in lemurs: "Female dominance" or "female leverage"?" Texas Association of Biological Anthropologists. November 2018, San Marcos, TX.

*Asangba AE, Mugisha L, **Lewis RJ**, Halajian A, Leigh SR, Stumpf RM: "Comparing non-human primate microbiomes from multiple body habitats." American Journal of Physical Anthropology. Supplement 66:13. April 2018, Austin, TX.

*Perofsky AC, **Lewis RJ**, Ance Meyers L: "Gut microbiome diversity across sympatric wild mammal populations of Madagascar reflects diet, habitat use, and host phylogeny." American Journal of Physical Anthropology. Supplement 66:204. April 2018, Austin, TX.

*Voyt R, **Lewis RJ**: “A test of the energy conservation hypothesis in Verreaux's sifaka (*Propithecus verreauxi*).” American Journal of Physical Anthropology. Supplement 66:291. April 2018, Austin, TX.

Lewis RJ, Kirk EC, Gosselin-Ildari AD: “Evolutionary Patterns of Sex-based Power: The Emergence of Male Dominance in Primates.” Texas Association of Biological Anthropologists. November 2017, San Antonio, TX.

*Perofsky AC, **Lewis RJ**, *Abondano LA, Di Fiore A, Ancel Meyers L: “Hierarchical social networks shape gut microbial composition in wild Verreaux’s sifaka.” Society of Molecular Biology and Evolution. July 2017, Austin, TX

*Perofsky AC, **Lewis RJ**, *Abondano LA, Di Fiore A, Ancel Meyers L: “Hierarchical social networks shape gut microbial composition in wild Verreaux’s sifaka.” Ecology and Evolution of Infectious Diseases. June 2017, Santa Barbara, CA.

Lewis RJ, Kirk EC, Gosselin-Ildari AD: “The Evolution of Power in Primates: The Rise of Male Dominance.” American Association of Physical Anthropologists, American Journal of Physical Anthropology. Supplement 64:262. April 2017, New Orleans, LA.

Lewis RJ, Banks B, Irwin M, Morelli T, Patel ER, Razafindramanana J, *Zamora A, Wright PC: “Comparative Analysis of Male Reproductive Strategies on Genus *Propithecus*.” Texas Association of Biological Anthropologists. October 2016, Austin, TX.

*Perofsky AC, **Lewis RJ**, *Abondano LA, Di Fiore A, Ancel Meyers L: “Social networks shape gut microbial communities in wild Verreaux’s sifaka.” Annual BEACON Congress. August 2016, BEACON Center for the Study of Evolution in Action, East Lansing, MI.

*Perofsky AC, **Lewis RJ**, *Abondano LA, Di Fiore A, Ancel Meyers L: “Social networks shape gut microbial communities in wild Verreaux’s sifaka.” Epidemics International Conference on Infectious Disease Dynamics. December 2015, Clearwater Beach, FL.

Lewis RJ: “The evolution of subordination and social complexity: an analysis of power in Verreaux’s sifaka.” American Association of Physical Anthropologists, American Journal of Physical Anthropology. Supplement 60:203. March 2015, St. Louis, MO.

*Leimberger KG, **Lewis RJ**: “Determinants of primate sex ratios: an analysis of demography in Verreaux's sifaka (*Propithecus verreauxi*).” American Association of Physical Anthropologists, American Journal of Physical Anthropology. Supplement 60:201. March 2015, St. Louis, MO.

*Ortiz KM, **Lewis RJ**: “The influence of fighting ability and reproduction in intersexual relationships in Verreaux's sifaka (*Propithecus verreauxi*).” American Association of Physical Anthropologists, American Journal of Physical Anthropology. Supplement 60:201. March 2015, St. Louis, MO.

Lewis, RJ: “Submission versus subordination signals: An analysis of power in Verreaux’s sifaka.” International Primatological Society, August 2014, Hanoi, Vietnam.

Axel A, *Cragle J, *Davis R, *Edwards E, *Fulcher R, *Rankin L, **Stout J, *Tuggle T, *Wick S, Oberly R, **Lewis R**, and Andriamampandrisoa M.: “Collaborative remote sensing for conservation: identifying and mapping tropical dry forest fire damage in Kirindy Mitea National Park, Madagascar.” American Society for Photogrammetry and Remote Sensing (ASPRS) Annual Conference, March 2014, Louisville, KY.

*Ortiz KM, **Lewis RJ:** “Female-female social relationships and feeding competition in Verreaux’s sifaka (*Propithecus verreauxi*).” American Journal of Physical Anthropology. Supplement 58:201. April 2014, Calgary, Canada.

Lewis RJ, *Bannar-Martin KM: “The multi-year impact of Cyclone Fanele on Verreaux’s sifaka.” International Prosimian Congress, August 2013, Ranomafana, Madagascar.

Andriamampandrisoa TM, Nihagnandrainy F, **Lewis RJ:** “Kirindy Mitea National Park: Important resources for humans and lemurs.” International Prosimian Congress, August 2013, Ranomafana, Madagascar.

Lewis RJ: “When animals disappear: An examination of factors influencing which individuals disappeared from a wild population of lemurs.” American Association of Physical Anthropologists, American Journal of Physical Anthropology. Supplement 56:179-180. April 2013, Knoxville, TN.

Kling KJ, **Lewis RJ: “Intersexual proximity and female dominance in Verreaux's sifaka (*Propithecus verreauxi*).” American Association of Physical Anthropologists, American Journal of Physical Anthropology. Supplement 56:169. April 2013, Knoxville, TN.

Veilleux CC, Bolnick DA, Di Fiore A, Kirk EC, **Lewis RJ:** “Is there a role for color-sensitive foraging in folivorous sifaka (*Propithecus verreauxi*)?” American Association of Physical Anthropologists, American Journal of Physical Anthropology. Supplement 56:276. April 2013, Knoxville, TN.

Lewis RJ, Caillaud D, Meyers LA: “Demographic and social influences on ectoparasite transmission in wild Verreaux’s sifaka (*Propithecus verreauxi*).” American Association of Physical Anthropologists, American Journal of Physical Anthropology. Supplement 54:192-193. April 2012, Portland, OR.

Schoellmann C & **Lewis RJ: “Female dominance and feeding behavior in Verreaux's sifaka in the Kirindy Mitea National Park.” American Association of Physical Anthropologists, American Journal of Physical Anthropology. Supplement 54:122-123. April 2012, Portland, OR.

Caillaud D, Crofoot M, **Lewis RJ**, Scarpino D, Meyers LA: “Spatio-temporal distribution of food resources and group-level memory shape inter-group contact patterns in white-faced capuchins (*Cebus capucinus*) and Verreaux's sifaka (*Propithecus v. verreauxi*).” American

Association of Physical Anthropologists, American Journal of Physical Anthropology. Supplement 54:110. April 2012, Portland, OR.

*Bannar-Martin KH, **Lewis RJ**: “Ranging Behaviour of Verreaux’s Sifaka (*Propithecus verreauxi*) in a Primary Forest (Kirindy Mitea National Park) in Madagascar.” American Society of Primatologists, September 2011, Austin, TX.

Lewis RJ, *Rakotondanaivo F: “Impact of a Cyclone on the Body Condition and Reproduction of Verreaux’s Sifaka (*Propithecus verreauxi*) in the Kirindy Mitea National Park of Western Madagascar.” American Society of Primatologists, September 2011, Austin, TX.

*Bannar-Martin KH, **Lewis RJ**: “Damage and Mortality Effects of Cyclone Fanele on Sifaka Food Trees in Kirindy Mitea National Park, Madagascar.” American Association of Physical Anthropologists, American Journal of Physical Anthropology. Supplement 52:81. April 2011, Milwaukee, WI.

Graves J, Kirk EC, **Lewis RJ: “Effects of Social Cohesion, Pair-bonding and Monogamy on Primate Brain Evolution.” American Association of Physical Anthropologists. American Journal of Physical Anthropology. Supplement 52:147-148. April 2011, Milwaukee, WI.

Lewis RJ: “The Influence of Seasonal Scarcity on Power Dynamics in Verreaux’s Sifaka (*Propithecus verreauxi*).” Texas Association of Biological Anthropologists. November 2011, Waco, TX.

Graves J, Kirk EC, **Lewis RJ: “Effects of Social Cohesion, Pair-bonding and Monogamy on Primate Brain Evolution.” Texas Association of Biological Anthropologists. November 2010, Waco, TX.

Lewis RJ, Mareno MC, **Butcher M, Lambeth SP, Schapiro SJ: “The Influence of Shared Benefits on Cooperation in Chimpanzee (*Pan troglodytes*) Groups.” American Association of Physical Anthropologists, American Journal of Physical Anthropology Supplement 50:154. April 2010, Albuquerque, NM.

Lewis RJ, Mareno MC, **Butcher M, Lambeth SP, Schapiro SJ. “The Influence of Shared Benefits on Cooperation in Chimpanzee (*Pan troglodytes*) Groups.” Texas Association of Biological Anthropologists, November 2009, Austin, TX.

Lewis RJ: “Ceremonial Sacrifice, Cyclone, & Sifaka: A Discussion of Culture, Ecology, & Primates.” University of Texas Anthropological Society. September 2009, Austin, TX.

*Toborowsky CJ, *Barr WA, **Lewis RJ**: “Does Environmental Unpredictability Drive Lemur Life Histories?” American Association of Physical Anthropologists, American Journal of Physical Anthropology Supplement 48:256. April 2009, Chicago, IL.

Lewis RJ: “Chest Staining Variation As a Signal of Testosterone Levels in Male Verreaux’s Sifaka.” American Association of Physical Anthropologists, American Journal of Physical Anthropology Supplement 48:175. April 2009, Chicago, IL.

Lewis RJ: “The Evolution of Cooperation: Mechanisms of Collective Action in Chimpanzees.” University of Texas Anthropological Society. April 2009, Austin, TX.

Lewis RJ: “Chest Staining Variation As a Signal of Testosterone Levels in Male Verreaux’s Sifaka.” Texas Biological Anthropologists Consortium. November 2008, College Station, TX.

Lewis RJ, Kirk EC: “Female Dominance and Monomorphism: Are Patterns of Intersexual Dominance Influenced by Sexual Dimorphism?” American Association of Physical Anthropologists, American Journal of Physical Anthropology Supplement 46:140. April 2008, Columbus, OH.

*Carnes LM, **Lewis RJ:** “Grooming Reciprocity in Verreaux’s Sifaka (*Propithecus verreauxi verreauxi*).” American Association of Physical Anthropologists, American Journal of Physical Anthropology Supplement 46:76. April 2008, Columbus, OH.

Butcher M, **Lewis RJ, Lambeth S, Owens M, Shapiro S: “Mechanisms To Overcome the Collective Action Problem in Captive Chimpanzees.” Texas Biological Anthropologists Consortium. November 2007, Austin, TX.

Lewis RJ, Kirk EC: “Female Dominance and Monomorphism: Are Patterns of Intersexual Dominance Influenced by Sexual Dimorphism?” Texas Biological Anthropologists Consortium. November 2007, Austin, TX.

Lewis RJ: “Feeding Competition in Verreaux’s Sifaka: Does a Folivore Compete for Leaves?” University of Texas Anthropological Society. September 2007, Austin, TX.

Lewis RJ, Kirk EC: “Female Dominance and Monomorphism: Are Patterns of Intersexual Dominance Influenced by Sexual Dimorphism?” Prosimians Conference. July 2007, Ithala, South Africa.

*Nagy H, **Lewis RJ:** “Verreaux’s Sifaka (*Propithecus verreauxi verreauxi*) of Kirindy Mité National Park, a New Field Site in Madagascar.” American Association of Physical Anthropologists, American Journal of Physical Anthropology Supplement 44:176-177. March 2007, Philadelphia, PA.

Lewis RJ: “‘Female Dominance’ in Lemurs: A Framework for Understanding Female Power.” American Association of Physical Anthropologists. American Journal of Physical Anthropology Supplement 44: 155. March 2007, Philadelphia, PA.

Lewis RJ, **Gosselin-Ildari A: “Grooming Serves a Social Function in Sifaka (*Propithecus verreauxi*) in Kirindy Forest, Madagascar.” American Society of Primatologists, American Journal of Primatology 68:85. August 2006, San Antonio, TX.

Lewis RJ: “Field Primatology: What It’s Really Like.” University of Texas Anthropological Society. March 2006, Austin, TX.

Lewis RJ: “Sex Differences in Vigilance in Verreaux’s Sifaka: Are Males Providing a Predator-Detection Service?” American Association of Physical Anthropologists, American Journal of Physical Anthropology Supplement 40:138. April 2005, Milwaukee, WI.

Lewis RJ: “Stained v. Clean Males: Female Power Maintains Male Bimorphism in Verreaux’s Sifaka (*Propithecus verreauxi verreauxi*).” American Association of Physical Anthropologists, American Journal of Physical Anthropology Supplement 38:135. April 2004, Tampa, FL.

Lewis RJ: “Seasonality, Body Condition, and the Timing of Reproduction in Verreaux’s Sifaka in Western Madagascar.” American Society of Primatologists, American Journal of Primatology 62:38. June 2004, Madison, WI.

Lewis RJ: “Sex Differences in Scent-marking in Sifaka: Mating Conflict or Mate Guarding?” American Association of Physical Anthropologists, American Journal of Physical Anthropology Supplement 36:398. April 2003, Tempe, AZ.

Lewis RJ: “Beyond Dominance: A Theory of Power, American Association of Physical Anthropologists.” American Journal of Physical Anthropology Supplement 30:210. April 2000, San Antonio, TX.

Alberts SC, **Lewis RJ:** “The Evolution of Sex-biased Dispersal: Inbreeding Avoidance and Resource Acquisition.” Animal Behavior Society, August 2000, Atlanta, GA.

Lewis RJ, Hunyen M, Clarke M: “The Effects of Leverage on Pigtailed Monkey (*Macaca nemestrina*) and Rhesus Monkey (*Macaca mulatta*) Social Dynamics.” Duke University Biological Sciences Graduate Student Symposium, November 1997, Durham, NC.

Lewis RJ, Hunyen M, Clarke M: “Social Interactions and Activity Patterns of Adult Female Pigtailed and Rhesus Monkeys.” Joint International Primatological Society and American Society of Primatologists, American Journal of Primatology 42:128. August 1996, Madison, WI.

PRESENTATIONS TO GOVERNMENT AGENCIES

2014 Madagascar National Parks, Report of Research Activities

2011 Madagascar National Parks, Report of Research Activities

2010 Madagascar National Parks, Report of Research Activities

2009 Madagascar National Parks, Report of Research Activities

2007 The National Association for the Management of Protected Areas in Madagascar, Report of Research Activities

2006 The National Association for the Management of Protected Areas in Madagascar, Report of Research Activities

SERVICE ON GRADUATE STUDENT COMMITTEES

Ph.D. Student Committees Chaired (University of Texas-Austin) (1)

2020-present	Domenic Romanello	Anthropology	Ph.D. candidate
2009-2015	Katherine Bannar-Martin	Anthropology	Ph.D. 2015

Ph.D. Student Committees – Member (University of Texas-Austin) (17)

2019-present	Johanna Paez Crespo	Anthropology	Ph.D. candidate
2018-present	Rachel Voyt	Anthropology	Ph.D. candidate
2018-present	Anna Sedlacek	Psychology	Ph.D. candidate
2016-present	Silvy van Kuijk	Anthropology	Ph.D. candidate
2016-2020	Laura Abondano	Anthropology	Ph.D. 2020
2018-2019	Addison Kemp	Anthropology	Ph.D. 2019
2012-2018	Kelsey Ellis	Anthropology	Ph.D. 2018
2011-2018	Amanda Perofsky	Integrative Biology	Ph.D. 2018
2013-2014	Laith Al-Shawaf	Psychology	Ph.D. 2014
2010-2013	Amber Heard	Anthropology	Ph.D. 2017
2006-2012	Carrie Veilleux	Anthropology	Ph.D. 2012
2008-2010	Hani Freeman	Psychology	Ph.D. 2010
2005-2008	Stacey Tecot	Anthropology	Ph.D. 2008
2005-2008	Magda Muchlinski	Anthropology	Ph.D. 2008
2005-2006	Jennifer Guinn	Psychology	Ph.D. 2006
2005-2006	Joyce Parga	Anthropology	Ph.D. 2006

Masters Student Committees Chaired (University of Texas-Austin) (8)

2020-present	Gabrielle Bueno	Anthropology	M.A. candidate
2018-2019	Domenic Romanello	Anthropology	M.A. 2019
2016-2018	Rachel Voyt	Anthropology	M.A. 2018
2013-2016	Katherine Ortiz	Anthropology	M.A. 2016
2013-2015	Kara Leimberger	Anthropology	M.A. 2015
2009-2012	Kelsey Ellis	Anthropology	M.A. 2012
2009-2010	Kim Valenta	Anthropology	
2007-2009	Carl Toborowsky	Anthropology	M.A. 2009
2006-2009	Laurel Carnes	Anthropology	M.A. 2009

Other U.S. Student Committees (3)

2018-present	Meredith Lutz	Anthropology, U California-Davis	Ph.D. candidate
2020-2021	Julia Dickerson	Anthropology, Stony Brook Univ.	M.A. 2021
2011-2013	Leilani Case	Anthropology, Texas State Univ.	M.A. 2013

International Students Advised (University of Antananarivo, Madagascar) (3)

2013-present	Elvis Rakotomalala	Animal Biology	Ph.D. candidate
2007-2012	Felaniony Rakotondranaivo	Animal Biology	M.A. candidate
2001-2006	Nadine Harilanto	Animal Biology	M.A. 2006

INTERNATIONAL GRADUATE STUDENT RESEARCH SUPERVISED (Univ. of Antananarivo) (10)

2019	Sylvia Sitraka	University of Antananarivo, Madagascar
2019	Fanomezantsoa Razafimalala	University of Antananarivo, Madagascar
2019	McAntonin Andriamahaiavana	University of Antananarivo, Madagascar
2018	Jary Razafindraibe	University of Antananarivo, Madagascar
2018	Julie Ratovoson	University of Antananarivo, Madagascar
2018	Tamby Ranaivoson	University of Antananarivo, Madagascar
2018	Diary Razafimandimby	University of Antananarivo, Madagascar
2012-2013	Elvis Rakotomalala	University of Antananarivo, Madagascar
2007	Malalationa Razafidrakoto	University of Antananarivo, Madagascar
2006	Jean Andriamparany	University of Antananarivo, Madagascar

UNDERGRADUATE STUDENT HONOR'S/CAPSTONE THESIS SUPERVISOR (6)

2021-present	Phoebe Anderson, Anthropology: "Optimal group size in Vereaux's sifaka."
2020	Analina Tunnell, Environmental Sciences: "Sleep sites in Verreaux's sifaka."
2018-2019	Celeste Williams, Anthropology: "Comparing group size and vegetation variation in Verreaux's sifaka (<i>Propithecus verreauxi</i>)."
2017-2018	Samantha Hilty, Environmental Sciences: "Influence of seasonality and group size on the home ranging patterns of a species of Verreaux's sifaka."
2011-2012	Crystal Schoellmann, Biology: "Female dominance and feeding behavior in Verreaux's sifaka in the Kirindy Mitea National Park."
2009-2010	Jessica Graves, Anthropology: "Primate and Carnivore Brain Evolution"; <u>won the student prize at the TABA Conference 2010.</u>

UNDERGRADUATE STUDENT HONOR'S THESIS READER (3)

- 2017 Elizabeth Coggeshall, Anthropology: "Gut Microbiome Analysis of Three Genera of New World Monkeys"
- 2012 Katherine Kling, Plan II Thesis: "Conservation Education"
- 2006 David Kuten, Plan II Thesis: Evolutionary Psychology of *King Lear*

UNDERGRADUATE STUDENT INDEPENDENT RESEARCH SUPERVISED (14)

- 2021-present Paige Noelle: "Differences in sifaka males in single-male and multimale groups"
- 2017-2019 Annai Wang: "Using elo-ratings to assess social status in Verreaux's sifaka"
- 2017-2019 Honorine Destain: "Verreaux's sifaka genetics"
- 2017-2018 Sierra Barnett: "Intergroup encounters in Verreaux's sifaka"
- 2016-2019 Nisa Semione: "Verreaux's sifaka behavior"
- 2016-2019 Samantha Hilty: "Home range use in Verreaux's sifaka"
- 2016 Riley Derby: "Evolution of sex ratios in primate groups"
- 2013 Jenna Vonhofe: "The costs of maternal care in Verreaux's sifaka"
- 2011 Crystal Schoellmann: "Female dominance and feeding behavior in sifaka"
- 2008 Gordon Ulmer: Field study of saki monkey vocalizations"
- 2007 Michael Madole: "The Evolution of Primate Mating Systems"
- 2005 Ashley Goslin-Ildari : "Grooming Behaviors in Verreaux's Sifaka"
- 2005 Ashley Sommers "The Evolution of Sex-Dependent Power in Primates"
- 2000 Amy Vickers-Smith: "Reconciliation in Sifaka,"

UNDERGRADUATE STUDENT RESEARCH VOLUNTEERS (60)

2020-2021: 1 student; 2019-2020: 7 students; 2018-2019: 3 students; 2017-2018: 8 students; 2017-2016: 4 students; 2015-2016: 5 students; 2014-2015: 2 students; 2013-2014: 4 students; 2012-2013: 6 students; 2011-2012: 6 students; 2010-2011: 5 students; 2009-2010: 5 students; 2008-2009: 4 students; 2007-2008: 5 students.

RESEARCH AND CONSERVATION EMPLOYMENT

- 1996 **Research Technician.** *Tulane Regional Primate Research Center.* Covington, Louisiana.

- 1994 - 1995 **Project Director.** *Mantadia research campsite.* Mantadia National Park, Madagascar.
- 1993 **Director.** *Green Corps.* New Haven, Connecticut.

UNIVERSITY SERVICE

- 2017-2018 *Reviewer, Vice-President of Research's Research and Creative Grants Committee, UT-Austin*
- 2015-2016 *Reviewer, College of Liberal Arts Faculty Research Assignment Committee, UT-Austin*
- 2012-2016 *Reviewer, College of Liberal Arts Undergraduate Research Scholarship Committee, UT-Austin*
- 2010-2011 *Member, College of Liberal Arts Gender Council, University of Texas-Austin*

DEPARTMENTAL SERVICE

- 2020-present *Member, Recruitment and Retention of Diverse Faculty Committee*
- 2020-present *Member, Undergraduate Studies Committee*
- 2018-2020 *Member, Computers and Website Committee*
- 2017-2020 *Member, Promotion and Tenure Committee*
- 2016-2017 *Member, Biological Anthropology Search Committee*
- 2016-2017 *Chair, Awards Committee*
- 2016-2017 *Member, Socio-Cultural Anthropology Search Committee*
- 2016-2017 *Chair, LabSpace Committee*
- 2015-present *Primary Faculty Administrator, Primatology Transcript Recognized Minor*
- 2015-2017 *Member, Awards Committee*
- 2015-2018 *Member, Admissions Committee*
- 2015-2016 *Member, Socio-Cultural Anthropology Search Committee*
- 2014-2016 *Chair, Biological Anthropology Search Committee*
- 2013-2016 *Mentor, Research Fellow and Lecturer Dr. Mariah Hopkins*
- 2013-2015 *Member, Promotion and Tenure Committee*
- 2012-2013 *Organizer, Informal Physical Anthropology Seminar Series*
- 2011-2012 *Member, Merit Committee*
- 2009 *Member, Physical Anthropology Search Committee*
- 2008 *Panel Discussant, New Directions in Anthropology Conference Roundtable*
- 2006-2009 *Co-Founder and Co-organizer, Informal Physical Anthropology Seminar Series*

- 2006-2008 *Member*, Curriculum Committee
2005-2006 *Member*, Awards Committee

PROFESSIONAL SERVICE

- 2020-present *Editorial Board*, *American Journal of Biological Anthropology*
2017-present *Member*, IUCN's Species Survival Commission Primate Specialist Group
2017-2019 *Member*, International Primatological Society *ad hoc* committee for the capture and release of wild primates
2016-2019 *Member*, Scientific Committee, Association for Tropical Biology and Conservation
2014-2015 *Member*, Student Awards Committee, American Association of Physical Anthropologists
2014 *Member*, Scientific Committee, International Primatological Society
2009-2010 *Vice-President*, Texas Association of Biological Anthropologists
2008-2009 *Secretary*, Texas Biological Anthropologists Consortium (later renamed as Texas Association of Biological Anthropologists)
2007-2008 *Founding President*, Texas Biological Anthropologists Consortium (later renamed as Texas Association of Biological Anthropologists)
2007 *Conference Organizer*, Texas Biological Anthropologists Consortium, Austin, TX
2003-2006 *Member*, Membership and Finance Committee, American Society of Primatologists

Grant Proposal *ad hoc* Reviewer:

National Science Foundation, National Geographic Society, The Leakey Foundation, Primate Conservation, Inc.

Research Journal *ad hoc* Reviewer:

Science, *Behavioral Ecology*, *PLoS One*, *Behavioral Ecology and Sociobiology*, *International Journal of Primatology*, *American Journal of Physical Anthropology*, *Behaviour*, *American Journal of Primatology*, *Animal Behavior*, *Ecological and Environmental Anthropology*, *Folia Primatologica*

Edited Volume Reviewer:

A Behie, J et al. (2019) Primate Research and Conservation in the Anthropocene. Cambridge: Cabrdige University Press.

Clancy KBH et al. (2013) Building Babies: Primate Development in Proximate and Ultimate Perspective. Developments in Primatology: Progress and Prospects 37. New York: Springer.

Kappeler PM, van Schaik CP (2006) Cooperation in Primates and Humans: Evolution and Mechanisms. New York: Springer.

Noë R, van Hooff JARAM, Hammerstein P (2001) Economics in Nature: Social Dilemmas, Mate Choice, and Biological Markets. Cambridge: Cambridge University Press.

van Schaik CP, Janson CP (2000) Infanticide in Males and Its Implications. Cambridge: Cambridge University Press.

Promotion and Tenure Reviewer:

Department of Anthropology

School of Forestry and Wildlife Sciences

Department of Anthropology

Department of Biology

Hunter College, CUNY

Auburn University

University of California-Davis

Marshall University

PROFESSIONAL SOCIETIES

Texas Association of Biological Anthropologists, American Association of Physical Anthropologists, American Society of Primatologists, International Primatological Society, Association for Tropical Biology and Conservation

CONSULTING

- 2021 Wildspace Productions. Consultant for a Netflix documentary including wild Decken's sifaka.
- 2020 "Queens," National Geographic. Consultant for a documentary TV series on female mammals.
- 2019 "The Lemur & The Lioness," Discover Magazine. Consultant for popular science article on leadership in animals.
- 2019 Tours Opérateurs Professionnels de Madagascar: consulting on ecotourism in Kirindy Mitea National Park.
- 2019 Female Animals. Consultant for a popular science book by Lucy Cooke.
- 2014 Madagascar National Parks: ecotourism in Kirindy Mitea National Park.
- 2012 International Union for Conservation of Nature: lemur conservation.
- 2011 Discovery Channel: sifaka infanticide for Barbara Pierson
- 2010 ICON films: *Cryptoprocta ferox* film for Sophie Morgan
- 2003 National Geographic Magazine 203(4): The Rise of Mammals: The Mothers of Us All
- 2001 BBC Life of Mammals Episode 8: In the Trees

INVITED PANELIST

- 2017 JANE, Austin Film Society showing of documentary about Jane Goodall
- 2008 UT Graduate Student Assembly on New Directions in Anthropology
- 2008 Socratic Seminar, Liberty in the Scientific Enlightenment
- 2007 Liberty Fund, The Evolution of Moral Sentiments

PUBLIC OUTREACH

- 2021 Hot Science, Cool Talks at Home, University of Texas-Austin.
- 2020 Learning Activities for Mature People. Osher Lifelong Learning Institute. Austin, Texas
- 2019 Learning Activities for Mature People. Osher Lifelong Learning Institute. Austin, Texas
- 2019 Darwin Day Lectures for Children. Center for Inquiry. Austin, Texas.
- 2017 Hot Science, Cool Talks Lecture Series, University of Texas-Austin.
- 2017 Darwin Day Lectures. Center for Inquiry. Austin, Texas.
- 2017 Darwin Day Lectures for Children. Center for Inquiry. Austin, Texas.
- 2012 Darwin Day Lectures. Center for Inquiry. Austin, Texas.
- 2011 Food For Thought Lecture Series. Center for Inquiry. Austin, Texas.
- 2006 EarthWatch. Belo-sur-Mer, Madagascar.