

REBECCA J. LEWIS

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University of Texas at Austin
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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

- 2012-present **Associate Professor:** Department of Anthropology, University of Texas at Austin
- 2011-present **Adjunct Graduate Faculty** Texas State University
- 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

- 1 Veilleux CC, Scarry CJ, Di Fiore A, Kirk EC, Bolnick DA, **Lewis RJ** (in review) Group benefit associated with polymorphic trichromacy in a Malagasy primate (*Propithecus verreauxi*). Scientific Reports.
- 2 Leimberger K, **Lewis RJ** (in press) Male strategies for changing group membership in Verreaux's sifaka (*Propithecus verreauxi*). American Journal of Primatology.
- 3 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.
- 4 Vanpé C, Salmons 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.

- 5 **Lewis RJ**, Bannar-Martin KH (2012) The Impact of Cyclone Fanele on a Tropical Dry Forest in Madagascar. Biotropica 44(2):135-140.
- 6 **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.
- 7 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
- 8 Veilleux CC, **Lewis RJ** (2011) Effects of Habitat Light Intensity on Mammalian Eye Shape. Anatomical Record 294:905-914.
- 9 **Lewis RJ** (2010) Grooming Patterns in Verreaux’s Sifaka. American Journal of Primatology 72(3):254-261.
- 10 **Lewis RJ** (2009) Chest staining variation as a signal of testosterone levels in male Verreaux's Sifaka. Physiology & Behavior 96:586-592.
- 11 **Lewis RJ** (2008) Social Influences on Group Membership in *Propithecus verreauxi verreauxi*. International Journal of Primatology 29(5):1249-1270.
- 12 **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.
- 13 **Lewis RJ** (2006) Scent Marking in Sifaka: No One Function Explains it All. American Journal of Primatology 68(6):622-636.
- 14 **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.
- 15 **Lewis RJ**, Kappeler PM (2005) Are Kirindy Sifaka Capital or Income Breeders? It Depends. American Journal of Primatology 67(3):365-369.
- 16 **Lewis RJ** (2005) Sex Differences in Scent-marking in Sifaka: Mating Conflict or Male Services? American Journal of Physical Anthropology 128(2):389-398.
- 17 **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.
- 18 **Lewis RJ** (2002) Beyond Dominance: The Importance of Leverage. The Quarterly Review of Biology 77(2): 149-164.

REFEREED BOOK CHAPTERS

- 19 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.

REFEREED ENCYCLOPEDIA CHAPTERS

- 20 **Lewis RJ** (in press): Behavioral Sampling and Habituation. International Encyclopedia of Biological Anthropology.
- 21 **Lewis RJ** (in press): Sociobiology. International Encyclopedia of Primatology.
- 22 **Lewis RJ** (in press): Behavioral Sampling. International Encyclopedia of Primatology.
- 23 **Lewis RJ** (in press): Sexual Selection. International Encyclopedia of Primatology.
- 24 **Lewis RJ** (in press): Mate Choice. International Encyclopedia of Primatology.

OTHER BOOK CHAPTERS

- 25 Lewis RJ (in press) Speaking of power. In E Palagi, I Norscia (eds): *The Missing Lemur Link: An Ancestral Step in Human Evolution*. Cambridge University Press: Cambridge.
- 26 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.
- 27 **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.
- 28 **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

- 29 **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.

FIELD REPORTS TO GOVERNMENT AGENCIES

- 30 2016 Madagascar National Parks, Report of Research Activities, 8p.
- 31 2016 Madagascar National Parks, Report of Research Activities, 20p.
- 32 2015 Madagascar National Parks, Report of Research Activities, 16p.
- 33 2015 Madagascar National Parks, Report of Research Activities, 18p.
- 34 2014 Madagascar National Parks, Report of Research Activities, 25p.
- 35 2013 Madagascar National Parks, Report of Research Activities, 15p.
- 36 2013 Madagascar National Parks, Report of Research Activities, 20p.
- 37 2012 Madagascar National Parks, Report of Research Activities, 33p.
- 38 2011 Madagascar National Parks, Report of Research Activities, 60p.
- 39 2010 Madagascar National Parks, Report of Research Activities, 14p.
- 40 2009 Madagascar National Parks, Report of Research Activities, 15p.
- 41 2008 The National Association for the Management of Protected Areas in Madagascar, Report of Research Activities, 14p.
- 42 2007 The National Association for the Management of Protected Areas in Madagascar, Report of Research Activities, 5p.
- 43 2007 The National Association for the Management of Protected Areas in Madagascar, Report of Research Activities, 10p.
- 44 2006 The National Association for the Management of Protected Areas in Madagascar, Report of Research Activities, 5p.

GRANTS AWARDED

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.

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 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 *Propithecus*. May-Aug 2005.

National Science Foundation Dissertation Improvement Grant **\$9,957**
Sources of Variation in Male-Female Relationships in Verreaux's Sifaka (*Propithecus verreauxi verreauxi*): 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 (*Propithecus verreauxi verreauxi*): Intersexual Conflict and Power. Oct 2000-Apr 2002.

Leakey Foundation General Research Grant **\$8,700**
Male-Female Relationships in *Propithecus verreauxi verreauxi* 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 (*Propithecus verreauxi verreauxi*): Intersexual Conflict and Power. Jun-Aug 2000.

Graduate Award for International Research **\$3,500**
Socially-Mediated Factors Affecting Seasonal Testicular Function in *Propithecus verreauxi*: 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.

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

2014-present Inventory and Conservation Genetics of the Nocturnal Primate Community in the Kirindy Mitea National Park, Madagascar. **Principal Investigator**. In collaboration with Dr. Edward E. Louis, Jr., Dr. Hajanirina Rakotomanana, Elvis Rakotomalala.

- 2010–present** 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.
- 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**.
- 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 Dr. 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 Drs. 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 Dr. 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 Dr. Margaret Clarke and doctoral student 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 doctoral student Joyce Powzyk.
- 1993–1994** Sex Differences in Control of Power in *Eulemur fulvus rufus*. Duke University Primate Center. **Principal Investigator** in collaboration with Drs. Frances White and Deborah Overdorff.
- 1992 Morphometrics of *Lemur catta* and *Eulemur fulvus rufus*. Duke University Primate Center. Assisted Dr. Michael Pereira.

INVITED PRESENTATIONS

- 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.
- 2012 “How Does Social Behavior Evolve?” Darwin Day Lectures. Center for Inquiry. Austin, Texas.
- 2011 “The Evolution of Cooperation” Food For Thought Lecture Series. Center for Inquiry. 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

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.

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. Students Advised (University of Texas-Austin)

2009-2015	Katherine Bannar-Martin	Anthropology	Ph.D. 2015
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Ph.D. Student Committees (University of Texas-Austin)

2013-2014	Laith Al-Shawaf	Psychology	Ph.D. 2014
2012-present	Kelsey Ellis	Anthropology	Ph.D. candidate
2011-present	Amanda Perofsky	Integrative Biology	Ph.D. candidate
2010-2013	Amber Heard	Anthropology	Ph.D. candidate
2008-2010	Hani Freeman	Psychology	Ph.D. 2010
2006-2012	Carrie Veilleux	Anthropology	Ph.D. 2012
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 Students Advised (University of Texas-Austin)

2013-2016	Katherine Ortiz	Anthropology	M.A. 2016
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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

Masters Student Committees

2011-2013	Leilani Case	Anthropology, Texas State University	M.A. 2013
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International Students Advised (University of Antananarivo, Madagascar)

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

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 THESIS SUPERVISOR

- 2012 Crystal Schoellmann, University of Texas-Austin Biology Honors Thesis: Female dominance and feeding behavior in Verreaux's sifaka in the Kirindy Mitea National Park, presented at the American Association of Physical Anthropologists Conference 2012.
- 2010 Jessica Graves, University of Texas-Austin Anthropology Honors Thesis: Primate and Carnivore Brain Evolution; won the student prize at the Texas Association of Biological Anthropologists Conference 2010; presented at the American Association of Physical Anthropologists Conference 2011.

UNDERGRADUATE STUDENT HONOR'S THESIS READER

- 2012 Katherine Kling, University of Texas Plan II Thesis: Conservation Education
- 2006 David Kuten, University of Texas Plan II Thesis: Evolutionary Psychology of *King Lear*

UNDERGRADUATE STUDENT RESEARCH SUPERVISED

- 2013 Jenna Vonhofe, University of Texas-Austin: independent study entitled “The costs of maternal care in Verreaux’s sifaka.”
- 2011 Crystal Schoellmann, University of Texas-Austin: independent study entitled “Female dominance and feeding behavior in Verreaux’s sifaka in the Kirindy Mitea National Park,” presented at the American Association of Physical Anthropologists Conference 2012.
- 2008 Gordon Ulmer, University of Texas-Austin: field study of saki monkey vocalizations in Peru.
- 2007 Michale Madole, University of Texas-Austin: independent study entitled “The Evolution of Primate Mating Systems.”
- 2005 Ashley Goslin-Ildari, University of Texas-Austin: independent study entitled “Grooming Behaviors in Verreaux’s Sifaka,” presented at the American Society of Primatologists Conference 2006.
- 2005 Ashley Sommers, University of Texas-Austin: independent study entitled “The Evolution of Sex-Dependent Power in Primates.”
- 2000 Amy Vickers-Smith, Duke University: independent study entitled “Reconciliation in Sifaka,” conducted at the Duke University Primate Center.

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

- 2015-present *Reviewer,* College of Liberal Arts Faculty Research Assignment Committee, UT-Austin
- 2012-present *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

- 2016-present *Chair,* LabSpace Committee

2015-present *Member*, Awards Committee
 2014-2015 *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

2016-present *Member*, Planning 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
 2007-2008 *Founding President*, Texas Biological Anthropologists Consortium
 2007 *Conference Organizer*, Texas Biological Anthropologists Consortium, Austin, TX
 2003-2006 *Member*, Membership and Finance Committee, American Society of Primatologists

Grant Proposal Reviewer:

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

Research Journal Reviewer:

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*

Edited Volume Reviewer:

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.

CONSULTING

- 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

PROFESSIONAL SOCIETIES

- 2007-present Texas Association of Biological Anthropologists
- 1996-present American Association of Physical Anthropologists
- 1995-present American Society of Primatologists
- 1995-present International Primatological Society

HONORS AND AWARDS

- 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**