

Curriculum Vitae

Melissa J. Remis

Department of Anthropology, Purdue University
West Lafayette, IN 47907; 765-496-1514; remis@purdue.edu

Academic Record

PhD. 1994 (Anthropology) Yale University, New Haven, CT.
B.A. 1986 (Anthropology) University of California, Santa Cruz.

Academic Appointments

2015- Associate Dean for Research and Graduate Education, College of Liberal Arts, Purdue
2014-15 Interim Department Head, Department of Anthropology Purdue University
2008-present Professor, Department of Anthropology, Purdue University
1996-2008 Asst to Associate Professor, Dept. Sociology & Anthropology, Purdue University

Selected Awards and Honors (2005-15)

2012-13 CIC Academic Leadership Program Fellow
2006-2011 Purdue University Faculty Scholar Award
2006 International Primatological Society Conservation Award

Selected Refereed Articles

- In press Remis, M.J. and C.A. Jost Robinson. Nonhuman Primates and "Others" in the Dzanga Sangha Reserve: The Role of Anthropology and Multispecies Approaches in Ethnoprimatology. Dore, K.M., Riley, E.P. and A. Fuentes. Ethnoprimatology: A Practical Guide to Research on the Human-Nonhuman Primate Interface. Cambridge University Press.
- 2016 Wren, B.T., Remis, M.J., Camp J.W. and T. R. Gillespie. Number of Grooming Partners is Associated with Hookworm Infection in Wild Vervet Monkeys (*Chlorocebus aethiops*) Folia Primatol 87:168-179.
- 2016 Jost-Robinson, J., L. A. Daspit and M.J. Remis. Monkeys On The Menu? Reconciling Patterns Of Primate Hunting And Consumption In A Central African Village. Waller, M. ed. Ethnoprimatology: Primate conservation in the 21st Century. Springer Press.
- 2016 Gomez, Andres, K.J. Petrzalkova, M.B.Burns, C.J. Yeoman, K.R. Amato, K. Vickova, D. Modry, A. Todd, C.A. Jost Robinson, M.J. Remis, M.G. Torralba, E. Morton, J.D. Umana, F. Carbonero, H. R. Gaskins, K.E. Nelson, B.A. Wilson, R.M. Stumpf, B.A. White, S.R. Leigh and R. Bleckhman. Gut Microbiome of Coexisting BaAka Pygmies and Bantu Reflects Gradients of Traditional Subsistence Patterns. Cell Reports 14(9): 2142 – 2153. DOI: <http://dx.doi.org/10.1016/j.celrep.2016.02.013>

- 2015 Jost-Robinson, Carolyn A. and Melissa J. Remis. BaAka women's health and subsistence practices in transitional conservation economies: variation with age, household size, and food security. American Journal of Human Biology. doi: 10.1002/ajhb.22817
- 2015 Brandi T. Wren, Thomas R. Gillespie, Joseph W. Camp, and Melissa J. Remis. Helminths of Vervet Monkeys, *Chlorocebus aethiops*, from Loskop Dam Nature Reserve, South Africa. Comparative Parasitology 82[1].
- 2014 Remis, M.J. and C.A. Jost Robinson. Examining short-term nutritional status among BaAka foragers in transitional economies. American Journal of Physical Anthropology 154(3): 365-375.
- 2014 Smith, B.K., Remis, M.J. and Dierenfeld, E.S. Nutrition of the captive western lowland gorilla (*Gorilla gorilla gorilla*): A dietary survey. Zoo Biology 33(5): 419-425.
- 2014 Jost Robinson, C.A. and Remis, M.J. Entangled Realms: Hunters and Hunted in the Dzanga Sangha Dense Forest Reserve (RDS), Central African Republic. Anthropology Quarterly. 87(3) 613-633.
- 2014 Malone, N., Fuentes, A., Riley, E.P., M. Remis, A.H. Wade and C.J. Robinson Ethnoprimatology: critical interdisciplinarity and multispecies approaches in anthropology Critique of Anthropology 34:8-29.
- 2012 Hardin, R. and M.J. Remis. Towards Reflexive BioCultural Research in African Forest Conservation. In: Hardin, R. and K. Clarke eds. Testimonies and Transformations: Reflections on the making and using of Ethnographic Knowledge. University of Wisconsin Press.
- 2012 Remis, M.J. and C.A. Jost Robinson Reductions in primate abundance and diversity in a multiuse protected area: synergistic impacts of hunting and logging in a Congo Basin forest, American Journal of Primatology 74: 602-612.
- 2011 Jost Robinson, C. A., L. L. Daspit, and M. J. Remis. Multi-faceted approaches to understanding changes and wildlife and livelihoods in a protected area: A conservation case study from the Central African Republic. Environmental Conservation. 38: 247-255.
- 2011 Remis, M.J. and J.B. Kpanou. Primate and ungulate abundance in response to multi-use zoning and human extractive activities in a Central African Reserve. African Journal of Ecology 49(1) :70-80.
- 2009 Remis, M.J. and R. Hardin. Transvalued Species in an African Forest. Conservation Biology 23(6):1588-1596.
- 2007 Remis, M.J. and R. Hardin. Assessment of forest use patterns and wildlife abundance: coupling anthropological and ecological approaches. Hanna, K. et. al. eds "Protected Areas Management: Policy & Design"; Spon Press, Routledge UK.
- 2006 Hardin, R and Remis, M.J. Biological and Cultural Anthropology of a Changing Tropical Forest: A Fruitful Collaboration Across Subfields American Anthropologist 108 (2): 273-285.

- 2006 Remis, M.J. The role of taste in food selection by African apes: implications for niche separation and overlap in tropical forests. Primates 47(1): 56-64.
- 2004 Remis, M.J. and Dierenfeld, E.S. Digesta Passage, Digestibility and Behavior in Captive Gorillas Under Two Dietary Regimens. International Journal of Primatology 23 (4): 825-845.
- 2004 Rogers, M.E., Abernethy, K., Bermejo, M., Cipolletta, C., Doran, D., McFarland, K., Nishihara, T., Remis, M.J. and Tutin, C.E.G. Western Gorilla Diet: A Synthesis from Six Sites. American Journal of Primatology 64:173-192.
- 2003 Remis, M.J. Are gorillas vacuum cleaners of the forest floor? Effects of body size, habitat and food preferences on variability in gorilla diet and nutrition. In: A.B. Taylor, M. Goldsmith (eds.), Revision of the Genus Gorilla, Cambridge University Press, p 385-404.
- 2002 Remis M.J. Food preferences among captive western lowland gorillas (*G. g. gorilla*) and chimpanzees (*P. troglodytes*): Relationship to feeding strategies. International Journal Primatology 23(2): 231-249.
- 2002 Remis, M.J. and M.E. Kerr. Initial studies on taste responses to fructose and tannic acid among gorillas (*G. g. gorilla*). International Journal of Primatology 23(2): 251-261.
- 2001 Remis, M.J., Dierenfeld, E.S., Mowry, C.B., and R.W. Carroll. Nutritional aspects of western lowland gorilla (*G. g. gorilla*) diet during seasons of fruit scarcity at Bai Hokou, Central African Republic. International Journal of Primatology 22(5): 807-836
- 2000 Remis, M.J. The contributions of body size and gastrointestinal passage times to dietary flexibility among gorillas. American Journal of Physical Anthropology 112: 171-180.
- 2000 Remis, M.J. 2000. Preliminary assessments of the impacts of human activities on gorillas (*G. g. gorilla*) and other wildlife at Dzanga-Sangha Reserve, Central African Republic. Oryx 34(1): 56-64.
- 1999 Remis, M.J. 1999. Tree structure and sex differences in arboreality among western lowland gorillas (*G. g. gorilla*) at Bai Hokou, Central African Republic. Primates 40(2): 383-396.
- 1998 Remis, M.J. 1998. The gorilla paradox: Effects of habitat and body size on the positional behavior of gorillas. In: E., Strasser, J. et al. (eds.), Primate Locomotion, pp. 95-106, Plenum Press, New York.
- 1997 Remis, M.J. 1997. Western lowland gorillas (*G. g. gorilla*) as seasonal frugivores: Use of variable resources. American Journal of Primatology 43: 87-109.
- 1997 Remis, M.J. 1997. Ranging and grouping patterns of a lowland gorilla group (*Gorilla gorilla gorilla*) at Bai Hokou, Central African Republic. American Journal of Primatology 43: 111-133.
- 1995 Remis, M.J. 1995. Use of trees by lowland gorillas: The importance of body size and social context. American Journal of Physical Anthropology 97(4): 413-433.

External Grants

Remis, M.J. 2012. Biodiversity as food security: nutritional and social outcomes of declining wildlife on hunter-gatherers in protected Congo Basin Forests. **Kinley Trust Award.**

Remis, M.J. and Jost, C. 2011. Differentiating the impacts of increased hunting versus logging on primate behavior and community structure in the Dzanga Sangha Dense Forest Reserve, Central African Republic. **Primate Conservation.**

Remis, M.J. and B.K. Smith 2011. Gorilla Diet and Health. **Oklahoma City Zoo Research Grant.**

Remis, M.J. and B.T. Wren. 2009. Behavioral Ecology of Primate-Parasite Interactions. **LSB Leakey Foundation.**

Remis, M.J. and Wren, B. T. 2008. Behavioral Ecology of Primate-Parasite Interactions.” Wenner Gren Foundation for Anthropological Research. **Wenner Gren Foundation for Anthropological Research.**

Remis, M.J. and Jost, C. 2008. Sustainability of wildlife and conservation in a Central African forest: examining primate and ungulate responses to anthropogenic activities. **Primate Conservation, Inc.**

Remis, M.J. and Jost, C. 2008. Sustainability of wildlife and conservation in a central African forest: examining primate and ungulate responses to anthropogenic activities. **American Primatological Society Grant.**

Remis, M.J. and L. Daspit 2008. Doctoral Dissertation Improvement: Women and Wildlife in Central Africa: Commerce and Conservation. **National Science Foundation.**

Remis, M.J. and L. Daspit, 2008. Market Women in Central Africa: Transnational Interface of Wildlife Commerce and Conservation. **Wenner-Gren Foundation for Anthropological Research.**

Remis, M.J. 2006. Impacts of Humans on Mammals at Dzanga-Sangha Reserve, Central African Republic. **International Primatological Society Conservation Grant.**

Remis, M.J. 2005. Assessing Human Impacts on Large Mammals in the Dzanga-Sangha Reserve, Central African Republic: Coupling Anthropological and Ecological Approaches, **National Geographic Society.**

Remis, M.J. 2002. The impacts of disturbance on mammal communities at Dzanga-Sangha Reserve, **World Wildlife Fund-US/ECOREGION** (PI with JC Ray and JR Malcolm). January-May, 2002.

Remis, M.J. 2002. Diet nutrition and digestive physiology among western lowland gorillas and sympatric Chimpanzees. **National Science Foundation.** (BCS-9815841). February, 1999-June, 2000.

Remis, M.J. 2002. Impacts of Human Activities on African Apes in the Dzanga-Sangha Dense Forest Reserve, Central African Republic and Pilot Research on Using Molecular Techniques to Improve Ape Surveys and Address Socio-ecological and Conservation Issues. **Primate Conservation Inc.** 2002.

Remis, M.J. 2002. Collaborative research on the impacts of human disturbance on wildlife communities in Central African Rainforests. **Global Initiatives Collaborative Faculty Research Grant**, 2002.

Research on gorilla digestive Flexibility at the Wildlife Conservation Society, New York, **Columbus Zoological Society Research Grant**, January-December 2000.

Remis, M.J. 1998. A Pilot Study on the effects of disturbance on wildlife community structure and ecology at Dzanga-Sangha Reserve, Central African Republic. **World Wildlife Fund-US** (with Ray, Malcolm and Auzel), June-August, 1998.

Remis, M.J. 1998. A Pilot Study on the effects of disturbance on wildlife community structure and ecology at Dzanga-Sangha Reserve, Central African Republic. **Primate Conservation Inc.** 1998.

Remis, M.J. 1997. Training and study of the demographic structure of western lowland gorilla groups in the Dzanga-Sangha Reserve, Central African Republic. **World Wildlife Fund/BSP (AC51)** 1997.

Remis, M.J. 1997. Training and study of the demographic structure of western lowland gorilla groups in the Dzanga-Sangha Reserve, Central African Republic. **Primate Conservation, Inc.** 1997.

Remis, M.J. 1997. Research and rural development workshop **World Wildlife Fund-US/CARPE/MacArthur** (with R. Hardin). July 1997.

Remis, M.J. 1995. Foraging ecology of lowland gorillas in the Central African Republic. **National Geographic Society Research Grant.** 1995.

External Grants for Doctoral dissertation research 1990-93

Feeding ecology and positional behavior of lowland gorillas in the Dzanga-Sangha Forest Reserve, Central African Republic. Supported by:

Mellon Foundation grant-in-aid of dissertation-write up. 1993

National Science Foundation PreDoctoral Award (with AF Richard--NSF39013270) 1990

Fulbright IIE Grant Award 1990-1991. Renewed 1991-1992

Wenner-gren Foundation for Anthropological Research 1990-1991

National Geographic Society Grant in Aid of Research 1990-92

Training Students in Integrated Field Methods and Research

19 MS and PHD students at Purdue since 1996; Developed field training programs for 7 Central African Master's Students in Bayanga, CAR; Trained 25 volunteers and docents at the San Francisco Zoo.

Service to Profession

Panel Review Board Member: National Science Foundation 2008, 2014-15; Wenner Gren 2008-10; Editorial Board Member, International Journal of Primatology 2005- and Primate Conservation Inc. since 2015-; Reviewer for top journals and grant organizations in physical anthropology, conservation and primatology.

Consulting activities

World Wildlife Fund, CAR; Gorilla Standardized Animal Care Guidelines for Gorillas SSP, AZA; IUCN African Primate Conservation Group; Central African National Park Conservation Directors; The Sangha River Network in Congo Basin; The Bushmeat Task Force, American Zoological Association.