

Curriculum Vitae

Liza R. Moscovice, PhD

Visiting Assistant Professor
Department of Biological Sciences
Binghamton University
Binghamton, NY 13902

Education

- 1999- 2006 PhD, Psychology
Department of Psychology, University of Wisconsin
Thesis title: Behavioral ecology of chimpanzees (*Pan troglodytes*) on Rubondo Island: Habitat, diet, grouping and ranging at a release site. Advisors: Dr. Charles T. Snowdon and Dr. Michael A. Huffman
- 1993- 1997 BA, Neuroscience
Oberlin College, Oberlin, Ohio
- Fall 1996 Tanzania Wildlife Ecology and Conservation Program
School for International Training, Brattleboro, VT

Research Experience

- 2006- 2009 Postdoctoral Research: Mechanisms and function of social bonds in chacma baboons (*Papio cynocephalus ursinus*). Department of Biology, University of Pennsylvania. Advisors: Drs. Dorothy Cheney & Robert Seyfarth.
- 2001- 2006 Dissertation Research: Chimpanzee (*Pan troglodytes*) behavioral ecology on Rubondo Island, Tanzania. Department of Psychology, University of Wisconsin-Madison. Advisors: Dr. Charles Snowdon, University of Wisconsin-Madison & Dr. Michael Huffman, Kyoto University
- 1999- 2001 Graduate Research: Influence of social dynamics on social learning in cotton-top tamarins (*Saguinus oedipus*). Department of Psychology, University of Wisconsin-Madison. Advisor: Dr. Charles Snowdon.
- 1997-1999 Senior Lab Technician: Memory deficits in a transgenic mouse model of Alzheimers Disease. Department of Neurology, University of Minnesota. Primary Investigator: Dr. Karen Hsiao.
- Fall 1996 Undergraduate Research: Varied responses of olive baboons (*Papio hamadryas anubis*) and Sykes monkeys (*Cercopithecus mitis*) to tourist presence at Lake Manyara National Park, Tanzania. School for International Training, Brattleboro, VT.

Teaching Experience

- Sept 2009- Visiting Assistant Professor, Evolutionary Studies Program, Department of Biology, Binghamton University.
- Teaching position in an interdisciplinary program that uses evolutionary theory as a unifying framework to explore a range of topics. Teaching responsibilities include graduate and undergraduate courses in: Evolutionary Studies and Human Affairs, Current Topics in Evolutionary Theory, Animal Behavior and a special topics course in Primatology.
- 2008-2009 Adjunct Faculty, Biology Department, Bard College
- Designed a new course in Animal Behavior for first year college students in a Bard early college program that grants an Associate of Arts degree from Bard College. For the laboratory component of the course, students designed and conducted independent research projects through a collaboration with the Queens Zoo.
- Mar 2008 Guest Lecturer, Psychology 602: Neuroendocrinology and Neuroendocrine-immunology Proseminar. Topic: Neuroendocrine correlates of affiliation.
- Feb 2006 Guest Lecturer, Anthropology 490: Primate Community Ecology. Topic: Dissertation research on chimpanzee behavioral ecology on Rubondo Island, Tanzania.
- Nov 2005 Guest Lecturer, Anthropology 641: Evolution of Diet. Topic: Relationship between ecology and innovative foraging behavior in primates.
- 2001 Teaching Assistant, Psychology Department: Introduction to Psychology & Introduction to Primatology
- 2000 Teaching Assistant, Zoology Department: Evolution of Behavior. Designed and led six weekly discussion sections on current topics in ethology

Awards and Grants

- 2003 L.S.B. Leakey Foundation Research Grant
Grant to support dissertation field work on Rubondo Island, Tanzania
- 2002 Ruth Dickie Research Scholarship, Graduate Women in Science
Grant to support dissertation field work on Rubondo Island, Tanzania
- 2001 Young Researchers Travel Scholarship, Support for African/Asian Great Apes & Hayashibara Museum. Travel award to speak at 4th International SAGA Symposium in Okayama, Japan
- 2001 Graduate Research Grant, Animal Behaviour Society
Grant to support a pilot study on Rubondo Island, Tanzania

2000 APAGS Forest Honaker Scholarship for Masters Research, American Psychological Association. Award in recognition of research on social learning in cotton-top tamarins

Manuscripts Under Review

Moscovice, L. R., Mbago, F., Snowdon, C. T. & Huffman, M. A. (*in review*): Evaluating Habitat Suitability for Chimpanzee Releases: A case study of Rubondo Island National Park, Tanzania. *Biological Conservation*.

Moscovice, L. R., Di Fiore, A., Crockford, C., Kitchen, D., Wittig, R. W., Seyfarth, R. M. & Cheney, D. L. (*in review*) Hedging their bets? Chacma baboons form friendships based on likelihood of paternity. *Animal Behaviour*.

Peer-Reviewed Publications

Moscovice, L. R., Hessen, M., Di Fiore, A., Seyfarth, R. M. & Cheney, D. L. (2009). Paternity alone does not predict long-term investment in juveniles by male baboons. *Behavioral Ecology and Sociobiology* 63, 1471- 1482.

Silk, J. B., Beehner, J. C., Bergman, J. T., Crockford, C., Engh, A. L., **Moscovice, L. R.**, Wittig, R. W., Seyfarth, R. M. & Cheney, D. L. (2009). The Benefits of Social Capital: Close Social Bonds among Female Baboons Enhance Offspring Survival. *Proceedings of the Royal Society B* 276, 3099-3104.

Moscovice, L. R., Issa, M. H., Petrzekova, K. J., Keuler, N. S., Snowdon, C.T. & Huffman, M. A. (2007). Fruit availability, chimpanzee diet and grouping patterns on Rubondo Island, Tanzania. *American Journal of Primatology*, 69(5), 487-502

Moscovice, L. R. & Snowdon, C. T. (2006). The role of social context and individual experience in novel task acquisition in cotton-top tamarins (*Saguinus oedipus*). *Animal Behaviour*, 71(4), 933-943

Petrzokova, K. J., Hasegawa, H., **Moscovice, L. R.**, Kaur, T., Issa, M. H. & Huffman, M. A. (2006). Parasitic nematodes in the chimpanzee population on Rubondo Island, Tanzania. *International Journal of Primatology*, 27(3), 767-777.

Hasegawa, H., Ikeda, Y., Fujisaki, A., **Moscovice, L. R.**, Petrzokova, K. J., Kaur, T. & Huffman, M. A. (2005). Morphology of chimpanzee pinworms, *Enterobius anthropopithecii* (Geddoelst, 1916) (Nematoda: Oxyuridae), collected from chimpanzees, *Pan troglodytes*, on Rubondo Island, Tanzania. *Journal of Parasitology*, 91(6), 1314-1317.

Non-peer Reviewed Articles and Book Chapters

Huffman, M. A., Petrzekova, K., **Moscovice, L. R.**, Mapua, M. I., Bobakova, L., Mazoch, V., Singh, J. & Kaur, T. (2008). Introduction of chimpanzees onto Rubondo Island National Park, Tanzania. In: Pritpal S. Soorae (Ed.): *Global Re-introduction Perspectives: re-introduction case-studies from around the globe*. IUCN/SSC Re-introduction Specialist Group. Abu Dhabi, UAE. Pp. 213- 216.

Moscovice, L. R. & Huffman, M. A. (2002). The chimpanzees of Rubondo Island. *Kakakuona*, 27, 56-60 (Tanzanian nature magazine).

Selected Conference Presentations

Moscovice, L. R., Heesen, M., Di Fiore, A., Seyfarth, R. M. & Cheney, D. L. (2008): Evidence for male caretaker roles in chacma baboons and the relationship to paternity (abstract). *Primate Eye*, 96, 94. Presented at the International Primatological Society 22nd Meeting, August 3-8, Edinburgh, UK.

Moscovice, L. R., Mbago, F., Issa, M. H., Petrzekova, K. J., Snowdon, C. T. & Huffman, M. A. (2005): Habitat and diet of chimpanzees on Rubondo Island, Tanzania: Important ecological factors at a release site (abstract). *American Journal of Primatology*, 66(S1), 114. Presented at the American Society of Primatologists 28th Annual Meeting, August 17-20, Portland, Oregon

Moscovice, L. R., Petrzekova, K. J., Issa, M. H., Kaur, T., Singh, J. & Huffman, M. A. (2004): Role of lianas for introduced chimpanzees (*Pan troglodytes*) on Rubondo Island, Tanzania (abstract). *Folia Primatologica*, 75(S1), 308. Presented at the International Primatological Society 20th Meeting, August 22-28, Torino, Italy

Moscovice, L. R. & Snowdon, C. T. (2004): Social learning in cotton-top tamarins (*Saguinus oedipus*): Costs and benefits of following the leader (abstract). *American Journal of Primatology* 62(S1), 74. Presented at the American Society of Primatologists 27th Annual Meeting. June 8-11, Madison, Wisconsin

Moscovice, L. R. & Huffman, M. A. (2001): Revisiting the chimpanzees of Rubondo Island National Park: Progress and future directions in the assessment of a successful introduction (abstract). Presented at the Support for African/Asian Great Apes 4th International Symposium, November 15-17, Okayama, Japan

Moscovice, L.R. & Snowdon, C. T. (2000): Impact of social learning on novel task acquisition in a co-operatively breeding primate (abstract). Presented at the Animal Behavior Society 37th Annual Meeting, July 14-18, Atlanta, Georgia

References

Dorothy L. Cheney, Ph.D., Department of Biology, University of Pennsylvania, 302 Leidy Laboratories, Philadelphia, PA 19104. Phone: (215) 898 6915. E-mail: cheney@sas.upenn.edu

Michael A. Huffman, Ph.D., Section of Ecology, Primate Research Institute, Kyoto University, 41 Kanrin Inuyama, Aichi 484-8506, Japan. Phone: +81(568) 63-0354. E-mail: huffman@pri.kyoto-u.ac.jp

Charles T. Snowdon, Ph.D., Department of Psychology, University of Wisconsin-Madison, 1202 W. Johnson Street, Madison, WI 53706. Phone: (608) 262 1040. E-mail: snowdon@wisc.edu

Karen B. Strier, Ph.D., Department of Anthropology, University of Wisconsin-Madison, 5403 Social Sciences, 1180 Observatory Drive, Madison, WI 53706. Phone (608) 262 0302. E-mail: kbstrier@wisc.edu