

Curriculum Vitae
Dr. Abigail M. Derby

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Professional preparation

- 2008 Ph.D. Anthropology, Stony Brook University
- 2004 M.A. Anthropology, Stony Brook University
- 1999 B.A. Anthropology, University of Wisconsin-Madison
- 1999 Certificate Program, Institute for Environmental Studies, University of Wisconsin-Madison
- 1997 School for International Training- Coral Reef Ecology, Zanzibar, Africa

Appointments

- 2008-09 Adjunct Professor: Benedictine University, Lisle, IL
Biology 363- Ecology
Biology 300- Evolution of Intelligence
Biology 191- Humanity and the Environment
Biology 107- Primate Behavior
- 2008 Adjunct Professor: Kendall College, Chicago, IL
Biology 121- Environmental Studies
- 2006 Instructor: Northeastern Illinois University, Chicago, IL
Anthropology 356- Human Variation
- 2004-05 Project leader and student advisor: School for International Training Ecuador,
Comparative Ecology and Conservation course
- 2004 Ph.D. candidate: Interdepartmental Doctoral Program in Anthropological
Sciences, Stony Brook University
- 2004 Committee member: Scientists Concerned for Yasuni National Park
- 2001-present Teaching assistant: Department of Anthropology, Stony Brook University
Spring 2002 & Fall 03: Intro to Physical Anthropology 120 (lab instructor)
Spring 2003: Medical Anthropology 350
Spring 2004: Peasant Societies 361
Spring 2006: Introduction to Cultural Anthropology 102
Spring 2007: Sociology of Technology

Research experience

- 2007 Project leader: Lemur Survey of Marojejy National Park, Madagascar
- 2006 Intern: University of Hamburg Plant Nutritional Analysis Lab, Germany
- 2006 Intern: New York Consortium for Evolutionary Anthropology Genetics Lab
- 2003-05 Researcher: Yasuni National Park, Ecuador. Dissertation title: How ecology and
demography affect primate folivore biomass in Yasuni National Park, Ecuador
- 2002 Co-Director: Mondika Research Site, Central African Republic, Africa
- 2001 Field assistant: Phu Khieo Wildlife Sanctuary Thailand, Asia
- 1997 PI: Competition between the Zanzibar red colobus population and humans
in the Jozani-Pete Forest, sponsored by Zanzibar Commissions for Natural
Resources and School for International Training, Zanzibar, Africa

Publications

- Borries C., Larney E., **Derby A.M.**, Koenig, A. (2004). Temporary absence and dispersal in Phayre's leaf monkeys (*Trachypithecus phayrei*). *Folia Primatol* 75: 27-30
- Doran-Sheehy D.M., **Derby A.M.**, Greer D., Mongo P. (2007) Habituation of Western lowland gorillas: The process and factors that influence it. *Am J Primatol* 69(12): 1345-1369
- Derby A.M.** (submitted). Primate population density at two sites in Amazonian Ecuador: Possible impacts of subsistence hunting
- Ganzhorn J.U., Arrigo-Nelson S., Bollen A., Carrai V., Chalise M.K., **Derby A.M.**, Donati G., Koenig A., Kowalewski M., Norscia I., Polowinsky S.Y., Schwitzer C., Stevenson P.R., Talebi M.G., Tan C., Vogel E.R., Wright P.C. (submitted). Fruit protein effects on primate radiations
- Derby A.M.** (in prep). Comparative ecology of two Western Amazonian sites and its influence on red howler monkey (*Alouatta seniculus*) population density

Abstracts

- Derby AM** (2008) The interrelationship between population structure, forest ecology and behavior in red howler monkeys (*Alouatta seniculus*). *Am J Phys Anthropol* (S46): 89
- Derby AM** (2007) Ecological influences on red howler monkey density: A comparison of two Western Amazonian sites. *Am J Phys Anthropol* (S44): 99
- Schmitt CA, Di Fiore A, Link A, Matthews LJ, Montague MJ, **Derby AM**, Hurst D, Carrillo G, Sendall C, Fernandez-Duque E (2007) Comparative ranging behavior of eight species of primates in a western Amazonian rainforest. *Am J Phys Anthropol* (S44): 208
- Derby AM** (2006) Investigating primate community biomass in hunted versus non-hunted regions of Yasuní N.P., Eastern Ecuador. *Am J Primatol* 68 (S1): 88
- Derby AM**, Di Fiore A (2005) How ecology affects demography and behavior in two populations of red howler monkeys (*Alouatta seniculus*) in Yasuní N.P., Ecuador. *Am J Primatol* 66 (S1): 150
- Borries C, Larney E, **Derby AM**, Koenig A (2004) Phayre's leaf monkeys- multimale groups with female dispersal. *Am J Phys Anthropol* 123 (S38): 66
- Borries C, Larney E, **Derby AM**, Koenig A (2003) Social organization and demographic change in Phayre's leaf monkeys. *Am J Primatol* 60 (S1): 63-64
- Derby AM**, Heesy CP, Ross CF (2003) Allometric and functional influences on orbit orientation in didelphid and phalangerid marsupials. *Am J Phys Anthropol* (S36): 88

Journal Reviewer

American Journal of Primatology
Animal Conservation
Biotropica

Invited professional presentations and symposiums

- 2008 Invited Speaker at University of Wisconsin-Milwaukee Anthropology Department Colloquium: Cultural Transitions- Impact of Waoroni Hunting Patterns on Primates in Yasuni N.P., Ecuador
- 2007 Invited Speaker at L'Alliance Francaise de Sambava, Madagascar: The rare silky sifaka (*Propithecus candidus*) of Marojejy National Park
- 2006 Invited speaker at Department of Zoology, University of Hamburg, Germany: Comparative ecology of red howler monkeys (*Alouatta seniculus*)
- 2006 Invited speaker at University of Chicago Behavioral Ecology Group: The influence of ecology on red howler monkey density in Yasuní N.P., Ecuador
- 2006 Invited speaker at American Society of Primatologists 2nd Annual Conservation Grant

- Symposium, San Antonio, Texas: Investigating primate community biomass in hunted versus non-hunted regions of Yasuní N.P., Eastern Ecuador
- 2006 Invited speaker at Stony Brook University: Waorani culture and conservation in the Amazon
- 2004 Panel Presenter at Extending Bridges: Constructing transnational and national identities in Latin America, sponsored by the Latin American and Caribbean Studies Center, Stony Brook, NY
- 2004 Invited speaker at University of Chicago Behavioral Ecology Group: Habituation of western lowland gorillas at Mondika Research Station, Central African Republic
- 2004 Invited speaker at Yasuní Research Day Conference, Mindo, Ecuador: How ecology and demography affect primate folivore biomass in Yasuní National Park, Ecuador

Outreach activities

- 2005 Project leader for Waorani Community Project meetings in Yasuní National Park
- 2004 Guest speaker at Taft Grade School, Joliet IL: Biodiversity of Yasuní N.P., Ecuador
- 2004 Education Coordinator and camp counselor for the 4th and 5th grade conservation biology camp at Heller Nature Center, Highland Park, IL
- 2000 Education Instructor Intern at Brookfield Children's Zoo, Brookfield, Illinois
- 1999 Education Instructor at International Center for Gibbon Studies in Santa Clarita, California

Grants received

- 2007 **National Geographic Society Young Explorers Grant (Co-PI)**. A population density survey of the diurnal and cathemeral lemurs of Marojejy N.P, Madagascar (\$5,000)
- 2007 **Primate Conservation International # 644 (Co-PI)**. A population density survey of the diurnal and cathemeral lemurs of Marojejy N.P., Madagascar (\$1,360)
- 2005 **American Society of Primatologists Conservation Grant (PI)**. Investigating primate community biomass in hunted versus non-hunted regions of Yasuní National Park, Ecuador (\$1,000)
- 2005 **National Science Foundation Dissertation Improvement Grant # 0524996 (PI)**. Investigating how ecology and demography influence folivore primate biomass (\$7,560)
- 2003 **Stony Brook Research Grant (PI)**. Dissertation pilot project in Yasuní National Park (\$500)
- 2003 **Tinker Field Research Grant (PI)**. Ecological factors influencing folivore biomass: A case study of *Alouatta seniculus* in Yasuní National Park, Eastern Ecuador (\$1,060)

Collaborators and other affiliations

- Drs. Carola Borries, Diane Doran, Andreas Koenig, and Eileen Larney: Anthropology Department, Stony Brook University
- Dr. Callum Ross: Department of Organismal Biology and Anatomy, University of Chicago
- Drs. Kelly Swing and David Romo: Tropical Ecology Department, Universidad San Francisco de Quito, Ecuador; Co-directors of the Tiputini Biodiversity Station
- Dr. Friedman Koester: Universidad de Católica, Ecuador; Director of the Estacion Científica Yasuní
- Dr. Joerg Ganzhorn: Plant analysis laboratory Hamburg University, Germany
- Dr. Anthony DiFiore: New York Consortium for Evolutionary Anthropology, NYU