



Doctoral and Master's Programs @ Penn



Canopy walk, Tiputini Biodiversity Station, Ecuador



Watercolor by Shenaz Khirji 04

Our program, ranked 6th nationally, offers a four-field approach to the study of anthropology. At Penn, Biological Anthropology students interested in primatology and human behavior also benefit from interactions with faculty in other departments, such as Drs. Dorothy L. Cheney (Biology), Robert Kurzban (Psychology), and Robert M. Seyfarth (Psychology).

Ph.D students are offered 5 years of full support through the Benjamin Franklin Fellowships.

For questions regarding the Graduate Program contact the Graduate Coordinator Zoe Beckerman at (215) 746-0409.



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Monogamy, Paternal Care and Pairbonds in Neotropical Primates

Primateology and Anthropology @ Penn



Principal Investigator:
Dr. Eduardo Fernandez-Duque

I am a biological anthropologist interested in understanding the evolution of social systems. My research examines male-female relationships, pair bonding and paternal care in non-human primates. Although all the species that I study are socially monogamous, there are some fascinating differences in their degree of physical sexual dimorphism, the extent of affiliation between partners, the amount of paternal care provided and their activity patterns (i.e., nocturnal or diurnal). These differences make them an excellent model to evaluate alternative hypotheses for the evolution and maintenance of monogamy and paternal care in primates and early humans.

Contact information:
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Field sites

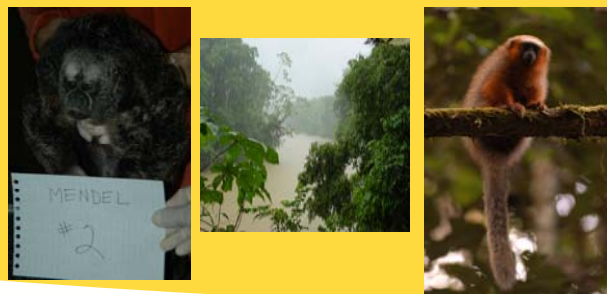


Owl Monkeys of the Argentinean Gran Chaco

A multidisciplinary project on the behavior, ecology, demography and conservation of owl monkeys in the Argentinean Chaco.

Some of the current studies are:

- Male and female contributions to territoriality, parental care, and pair bond maintenance
- National program for the conservation of owl monkeys and gallery forests in the Argentinean Gran Chaco
- Behavioral and hormonal correlates of biparental care
- Paternity analyses and population genetics

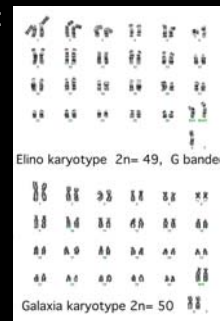


Monogamous Primates of the Ecuadorian Amazon

A comparative project on the behavioral and ecological strategies of four different species of pair-living primates. In collaboration with Dr. Anthony Di Fiore (New York University), we are comparing the owl monkeys of the Argentinean Gran Chaco with the owl monkeys, titis and sakis in the Amazon forests of Yasuní National Park in Ecuador.

Some current collaborations:

Genetics of monogamy and paternal care
(with Dr. T. Schurr
Anthropology, Penn)



Hormonal correlates of monogamy and paternal care, (with Dr. C. Valeggia, Anthropology, Penn)

Chronobiology studies
(with Drs. H. Eckert, Univ. Tubingen and H. De la Iglesia, University of Washington)

Biodemography of red howlers
(with Dr. Rudy Rudran
Smithsonian Institution)



Taking A Closer Look:



Social behavior and parenting
(with Dr. S. Evans,
Dumond Conservancy)