

Curriculum Vitae

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Education

Bachelor in Science from the School of Science and Philosophy. Universidad Peruana Cayetano Heredia (UPCH), Lima-Peru (2004).

Licenciatura or Professional Title in Biology. School of Science and Philosophy. Cayetano Heredia University (UPCH), Lima-Perú (2004).

Currently pursuing a Ph.D. in Ecology, Evolution, and Behavior at the University of Texas at Austin.

Academic Interests

Vertebrate ecology in coastal areas with emphasis in conservation network planning.

Population genetics and conservation genetics.

Projects/Research

“South American fur seal, One or Two Species? Evaluating the Taxonomic Status of *Arctocephalus australis* (Mammalia, Carnivora, Otariidae) for the Definition of International Policy on the Conservation and Management of the Species”. Conservation and Evolutionary Biology Laboratory, Sao Paulo University, Brazil. 2006.

“Ecology and Reproductive Behavior of the South American fur seal (*Arctocephalus australis*)”, season 2004/2005 and 2005/2006. Conservation Biology Unit, UPCH.

“Comparative Population Ecology between a Native (*Mus musculus*) and an Introduced (*Phyllotis andium*) Rodent Species in Two Microhabitats in the National Reserve Lomas de Lachay, Lima, Perú”. UPCH. 2002-2003

“Cytogenetic analysis of *Phyllotis xanthophyus posticalis*”. Integrative Biology Unit, Cayetano Heredia University, Lima, Perú. Jan–Nov 2003

Publications

Cárdenas, S., Cerro, R., and Majluf, P. 2005. "Densidad Poblacional, Estrés Térmico y Disponibilidad de Hábitat: Determinantes de Selección de Sitios de Nacimiento de *Arctocephalus australis*". XV Jornadas Científicas. UPCH. (Abstract)

Cárdenas, S., Cerro, R., and Majluf, P. 2005. "Population density, heat stress and habitat availability as determinants of pupping site selection in the S. American fur seal at Punta San Juan, Peru". 16th Biennial Conference on the Biology of Marine Mammals. Society for Marine Mammalogy. (Abstract)

Majluf, P., Cárdenas, S., Cerro, R., Parlane S., Insley, S.J., Paredes, R., Boness, D., Riveros, J.C. 2005. "From Lekking to plain old territoriality: how heat stress, habitat availability and population density shape the mating system of the South American fur seal (*Arctocephalus australis*) at Punta San Juan, Peru". 16th Biennial Conference on the Biology of Marine Mammals. Society for Marine Mammalogy. (Abstract)

Thesis

Cerro, R. 2005. "Ecología Poblacional Comparada de un Roedor Nativo (*Phyllotis andium*) y uno Introducido (*Mus musculus*) en dos Microhábitats en las Lomas de Lachay". Thesis to obtain the professional title (Licenciatura) Degree in Biology. Department of Biological and Physiological Sciences, Universidad Peruana Cayetano Heredia.

Presentations

"Densidad Poblacional, Estrés Térmico y Disponibilidad de Hábitat: Determinantes de Selección de Sitios de Nacimiento de *Arctocephalus australis*". Universidad Peruana Cayetano Heredia, XV Jornadas Científicas. Lima, Peru, September 20, 2005.

"Population density, heat stress and habitat availability as determinants of pupping site selection in the S. American fur seal at Punta San Juan, Peru". Society for Marine Mammalogy, 16th Biennial Conference on the Biology of Marine Mammals. San Diego, California, December 15, 2005.

Courses, Workshops and Meetings

Dec 2005 – 16th Biennial Conference on the Biology of Marine Mammals. San Diego, CA, USA.

Dec 2005 – Workshop: "Application of GIS and Spatial-Temporal Modeling for Marine Mammal Science and Management". San Diego, CA, USA

Oct 2004 - Biodiversity: Evaluation and Uses (Workshop). Conservation Biology Unit, UPCH. Lima, Perú.

Sep 2003 - Molecular Biology Topics (Course). UPCH. Lima, Peru.

Feb 2003 - American Association for the Advancement of Science (AAAS) Annual Meeting. Denver, CO, US.

Nov 2002 - Wildlife Management: Sustainable Use and Development (Course). School of Veterinary Medicine, Universidad Nacional Mayor de San Marcos. Lima, Perú.

Sep 2001 - Genetics: The Future of Medicine Today (Course). Genetics Institute, UPCH. Lima, Perú.

Internships and Training

Training on molecular systematics and population genetics techniques at the Conservation and Evolutionary Biology Lab of the Sao Paulo University, Sao Paulo, Brazil. June 2006

Training on molecular genetics techniques: DNA extraction, PCR techniques, genetic analysis of microsatellite loci, and paternity analysis (using the program CERVUS). Dept. of Biology, Duke University, Durham, NC. Jan–Apr 2004

Husbandry and management of captive wildlife. Tasks included educating the public. Wildlife Rescue & Rehabilitation, Inc. San Antonio, TX. Jan–Mar 2002

Laboratory assistant and husbandry of laboratory animals. Dept. of Pharmaceutical Sciences. Cayetano Heredia University (UPCH), Lima, Perú. Jan–Mar 2001

Other Experiences

Teaching Assistant in General Zoology course for undergraduates. School of Science and Philosophy. Cayetano Heredia University. Course coordinator: Oswaldo Ramirez, PhD. Apr–Jul 2004

Student Session Aid at the American Association for the Advancement of Science (AAAS) Annual Meeting. Denver, CO. Feb 2003

Sophomore Class Delegate for the Science Students Association in Cayetano Heredia University during 2001.

Peruvian youth representative at the second part of the 6th World Conference of the Parties on Climate Change (COP 6), held in Bonn, Germany. Jul 2001.

Peruvian youth representative at the COP 6 on Climate Change, held at The Hague, Holland. Nov 2000.

Languages

Spanish (native)

English: written and spoken (advanced level)

Portuguese: read and speak (basic level)