

JESSICA HARDESTY

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KEY QUALIFICATIONS

- 4 years based in South America, working on community development, environmental education, native species reforestation, research, and ecotourism in South America.
- Trained and led teams of Ecuadorian professionals in reforestation and education projects, led international biological field crews.
- Demonstrated success in researching and writing grants and proposals. Excellent performance under pressure and to meet deadlines

EDUCATION

Bachelor of Science, Humboldt State University, 1997
Major in Wildlife Biology, cum laude, presidential scholar

Doctor of Philosophy, Duke University, anticipated May 2008
University Program in Ecology, Advisor Dr. J. Terborgh

EXPERIENCE

Program Director, American Bird Conservancy, Seabird Program (5/07 – Present)

Design and implement domestic and international seabird conservation projects. Build conservation partnerships and strengthen the connection between science and policy for seabird conservation.

Project Assistant, World Wildlife Fund, Conservation Science Department (4/05 – 10/05)

Developed and solicited conservation projects for the Alliance for Zero Extinction. Worked closely with professionals from CI, TNC, Birdlife International, the American Bird Conservancy, AZA and others.

Fulbright Scholar, Sangay National Park, Ecuador (2/04 – 11/04)

Examined community ecology of cloud forest birds, using isotopes and year-round censusing. Worked with park guards on infrastructure development and environmental education projects.

Investigator, Manu National Park, Peru (5/03 – 8/03)

Trophic partitioning in cloud forest birds, a stable isotope analysis.

Teaching Assistant, Duke University (9/01 – Present)

Introductory Biology, Tropical Ecology, Dendrology, Organismal Diversity, Conservation Biology

Investigator, Lago Guri, Venezuela (5/02 - 7/02)

Surveyed island fauna, measured insect herbivory on newly formed flood islands

Peace Corps, Ilinizas Ecological Reserve, Ecuador (2/99-6/01)

Created native tree nurseries for reforestation projects, trained local bird guides, and worked on environmental education in association with a newly established Ecological Reserve (Los Ilinizas). Formed community banks and libraries in several buffer zone towns. Prepared written reports, project evaluations, and educational materials on a regular schedule.

Bander, Institute for Bird Populations, Shenandoah National Park (5/98-8/98)

Banded birds and recorded MAPS data for six stations in Shenandoah NP.

Wildlife Technician, Oregon Department of Fish and Wildlife (11/97- 3/98)

Trapped, collared and tracked cervids.

Research Assistant, Big Bend National Park (6/96-8/96)

Mistnetted, drew blood and banded Mexican Jays for a hybridization study in Big Bend National Park.

Research Assistant, National Zoo Conservation Center (6/95 – 8/95)

Collected, extracted, and assayed fecal samples for reproductive endocrinology lab.

PUBLICATIONS

Hardesty, J. Rural residents and roads, a household survey in Sangay National Park, Ecuador. MS

Hardesty, J. and C. Merkford. Using stable isotopes to track altitudinal migration in Peru and Ecuador. MS.

Hardesty, J. Gender and ontogenic diet variability in hummingbirds. MS.

Hardesty, J. Seasonal breeding depends on elevation in an equatorial cloud forest. MS.

Latin American Bird banding manual (contributing editor). Conservation International, in Press.

Hardesty, J. 2005. Hummingbirds. Bird Conservation, 19.

GRANTS AND AWARDS

U. S. Student Fulbright Scholarship (Ecuador)

U.S. Title VI Foreign Language and Area Studies (FLAS) Academic Fellowship

U.S. Title VI Foreign Language and Area Studies (FLAS) Summer Award

Smithsonian Institution Graduate Student Fellowship (declined)

DEVIL Lab Stable Isotope Grant

Duke Graduate School International Travel Award (2002 and 2003)

UNC Latin American Studies Consortium Research Grant

The Explorer's Club Exploration Fund Grant

IdeaWILD Equipment Grant

Optics for the Tropics Research Assistance Grant

Sigma-Xi Grant in Aid of Research

Sally Hughes-Schrader Research Grant

NSF Graduate Research Fellowship Honorable Mention

LANGUAGES

English, Spanish FSI S4/R4, Quechua (beginning)

COMPUTER SKILLS

Familiarity and facility with Microsoft Word, Excel, Access, R, S-Plus, PowerPoint, ArcGIS, basic modeling.