

## Eliot T. Miller

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### Education

- University of Missouri, St Louis, MO** Pursuing PhD, began August 2008  
Advisor: Bob Ricklefs; Program: Ecology, Evolution, and Systematics
- Vassar College, Poughkeepsie, NY** B.A. received May 2005  
Advisor: Bob Fritz; Major: Biology

### Research and Work Experience

- New South Wales, Australia** June – August 2009  
*Research Assistant – Supervisor: Dr. Amy Zanne, U. Missouri, St. Louis*
- Denali National Park, Alaska** May – July 2008  
Central Alaska  
*Biological Technician – Supervisor: Carol McIntyre, Biologist, Denali NP*
- Veracruz and Colima, Mexico** July – August 2007  
Caribbean and Pacific lowlands, México  
April – May 2008  
*Field Assistant – Supervisor: Dr. Chris Anderson, UCLA*
- Maderas del Carmen, Mexico** April – June 2007  
N Sierra Oriental, México, 50km SE of Big Bend  
*Field Assistant – Supervisor: Dr. Elena Berg, UCLA*
- Yanayacu Biological Station, Ecuador** March 2006 – January 2007  
Eastern Slope of the Andes, Cosanga, Ecuador  
*Research Coordinator, Yanayacu Natural History Research Group – Supervisor: Dr. Harold Greeney, Owner and Director of Research*
- United States Fish and Wildlife, MA** June – July 2006  
*Field Biologist – Supervisor: Dr. Randy Dettmers, U.S. Fish and Wildlife, Hadley, MA*
- Bilsa Biological Station, Ecuador** May – August 2004  
Reserva Ecológica Mache-Chindul, NW Ecuador  
*Independent undergrad research funded by competitive grant from Vassar College (May-Aug 2004)*
- Queens University Biological Station** May – August 2005  
Lake Ontario Region, Ontario, Canada  
*Field Assistant – Supervisor: Dr. Jason Jones, Vassar College*
- Bilsa Biological Station, Ecuador** May – August 2004  
Reserva Ecológica Mache-Chindul, NW Ecuador  
Nov 2005 – March 2006  
*Field Assistant – Supervisor: Dr. Amy Rogers, UCLA*
- USDA Forest Service, MA** May – August 2003  
Western Massachusetts  
*Field Biologist – Supervisor: Dr. David King, USDA Forest Service, Univ. of Mass., Amherst*

**Tongass National Forest, Alaska**  
USDA Forest Service, Wrangell, Alaska  
*Field Assistant, Timber Department*

June – August 2002

## Teaching Experience

**University of Missouri, St. Louis**  
Instructor

January – May 2009 and 2010

*Conservation biology lab (300-level). I designed and implemented the curriculum.*

**University of Missouri, St. Louis**  
Teaching Assistant

August – December 2008 and 2009

*Introductory biology lab (for non-majors)*

**Krieger Elementary School**

February 2005 – May 2005

Poughkeepsie, New York

*Science Intern – Supervisor: Norene Collier, liaison between Howard Hughes Medical Institute and Vassar*

**University of Washington**

June – August 2010

Affiliated Researcher

*Tropical Ecology – Professors: Ursula Valdez and Kimberly Sheldon. I helped to advise a group of students on a research project based on data I and others had previously collected.*

## Other Research Experience and Collaborations

- Phylogenetic community structure of Australian Meliphagidae & Proteaceae. Ongoing. Amy Zanne.
- Extra-pair fertilization rates in tropical birds. 2007. With Paul Martin.
- Foraging ecology of birds in the eastern Andes. Ongoing. With Rob Dobbs.
- Organization for Tropical Studies (OTS). Undergraduate semester and graduate specialty course

## Honors and Awards

- National Science Foundation, Graduate Research Fellowship, 2008
- TransWorld Airlines Scholarship, 2009
- St. Louis Audubon Grant, Awarded in both 2008 & 2009
- John Denver Scholarship in Tropical Ecology from the Harris World Ecology Center
- Teaching Award from the Biology Department, University of Missouri, St. Louis
- Honorable Mention in the NSF Graduate Research Fellowship Program, 2007
- Sophomore biology student of the year, Vassar College 2002-2003
- Liberty League All-Academic team for Varsity Men's Lacrosse (four years, 2001-2005)
- Priscilla Bullitt Collins Grant, Vassar College, for research in Ecuador, 2004
- Recruitment Fellowship, University of Missouri, St. Louis, grad school, 2008-2011
- Travel Award, National Science Foundation, 2010

## Publications

- Miller, E.T., & H.F. Greeney. 2008. Clarifying the nest architecture of the *Silvicultrix* clade of *Ochthoeca* chat-tyrants (Tyrannidae). *Ornitologia Neotropical* 19: 361—370.
- Miller, E.T., H.F. Greeney, K. Zyskowski, & R.A. Gelis. 2007. First description of the nest and eggs of the Gray-and-gold Warbler. *Ornitologia Neotropical* 18: 617—620.
- Greeney, H.F., M.E. Juiña, J.B.C. Harris, M.T. Wickens, B. Winger, R.A. Gelis, E.T. Miller, & A. Solano-Ugalde. 2010. Observations on the breeding biology of birds in south-east Ecuador. *Bulletin of the British Ornithologists' Club* 130:61—68.
- Gelis, R. A., H. F. Greeney, & E. T. Miller. 2009. First nest description and observations on parental care of Slaty Becard, *Pachyramphus spodiurus*. *Cotinga* 31: 70—71.
- Greeney, H.F., E.T. Miller, & R.A. Gelis. 2009. Observations on parental care and fledgling Watkin's Antpitta. *Ornitologia Neotropical*. 20: 619—622.
- Greeney, H.F., & E.T. Miller. 2008. The nestling and parental care of Slate-crowned Antpitta (*Grallaricula*

*nana*) in northeastern Ecuador. *Ornitologia Neotropical* 19: 457—461.

Miller, E.T., H.F. Greeney, & U. Valdez. *In review*. Notes on breeding of the Laughing Falcon (*Herpetotheres cachinnans*) in southwest Ecuador and northwest Peru. *Ornitologia Colombiana*.

Miller, E.T., H.F. Greeney, K. Zyskowski, R.A. Gelis, and L. Cabrera F. *In prep*. Notes on the natural history of two threatened, endemic Tumbesian Furnariidae. *Ornitologia Neotropical*.

### **Presentations**

Miller, E.T., & A.E. Zanne. Increased phylogenetic clustering along gradients of increasingly harsh conditions—examples from a plant and a bird family. At the Association for Tropical Biology and Conservation conference in Bali, Indonesia, July 2010.

**Reviewer for *Ornitologia Neotropical* and *The Journal of Biogeography***