



EDUCATION

- **Cornell University – Ithaca, NY, Ph.D. Fuller Evolutionary Biology Program**, Began Fall 2013, Cum GPA: 4.0
- **Yale College Class of 2010 – New Haven, CT, B.S., Ecology and Evolutionary Biology Major** GPA: 3.56, Cum GPA: 3.3
- **Westhill High School Class of 2006 – Stamford, CT, GPA: 3.9/4.0; Ranked 4th/373**

LABORATORY RESEARCH EXPERIENCE

- **Cornell University, Department of Ecology and Evolutionary Biology, Lovette Lab** *Graduate Student*, Fall 2013-Present.
- **Yale University, Department of Ecology and Evolutionary Biology, Prum Lab** *Genetics Researcher*, Sept. 2010-May 2013
- **Yale Institute for Biospheric Studies, YIBS Conservation Genetics Lab** *B.S. Thesis Research*, March 2009-May 2010.
- **Yale University School of Medicine, Department of Psychiatry** *Research Assistant*, Summer 2005, June 2007-January 2008

FIELD RESEARCH EXPERIENCE

- **Cornell University Department of Ecology and Evolutionary Biology, Kenya** *Field Ecology T.A.*, January 2014
- **Yale University Department of Ecology and Evolutionary Biology, Honduras** *Field Research Assistant*, March 2013
- **Yale University Department of Ecology and Evolutionary Biology, Guatemala** *Field Research Assistant*, October 2011
- **Boston University Dept. of Ecology and Evolution, Milne Bay, Papua New Guinea** *Field Research Assistant*, April-June 2011
- **Yale University Department of Ecology and Evolutionary Biology, Ecuador** *Expedition Leader*, November 2009
- **Yale Peabody Museum, Para District, Suriname** *Expedition Leader*, August 2009
- **Karongwe Reserve, Limpopo Province, South Africa** *Field Research Assistant* May-July 2008
- **Yachana Nature Reserve, Ecuador** *Field Research Assistant* May-June 2007

GRANTS AND FELLOWSHIPS

- **Paul P. Feeny Graduate Student Research Fund, Summer 2014**, (Cornell EEB), \$1,200
- **Orenstein Fund, Summer 2014**, (Cornell EEB), \$750
- **Charlie E. Treman, Jr. Graduate Fellowship, Spring 2015** (Cornell Lab of Ornithology), \$18,111
- **Kramer Graduate Fellowship, Summer 2014** (Cornell Lab of Ornithology), \$4,950
- **NSF Graduate Research Fellowship, Spring 2014** ~\$150,000
- **Cornell Laboratory of Ornithology Athena Fund**, Fall 2013, \$3,610
- **Cornell University, Tyson Graduate Fellowship**, Spring 2014, \$18,041
- **Mellon Forum Undergraduate Research Grant**, (Yale) Fall 2009, \$500
- **The Yale College Dean's Research Fellowship in the Sciences**, May 2009, \$2,000
- **Yale Peabody Museum Summer Fellowship**, May 2009, \$5,000
- **The Environmental Fellowship for Study and Research**, (Yale) May 2009, \$2,000
- **The Yale Science and Engineering Association Fellowship**, May 2009, \$2,000
- **The Alan S. Tetelman Fellowship for Study Abroad**, (Yale) May 2009 \$1,800
- **Paul K. and Evelyn Elizabeth Cook Richter Scholarship**, (Yale) May 2009, \$1,500
- **The Environmental Fellowship for Study and Research**, (Yale) May 2008, \$2,000

SCIENTIFIC PUBLICATIONS AND REPORTS

Scientific Reports

- Miller, Berv et al, 2007. Phase 072 Expedition Report for The Yachana Foundation and Museo Ecuatoriano de Ciencias Naturales

Peer reviewed journal publications

- **Berv, J.S., Prum, R.O.** A comprehensive multilocus phylogeny of the Neotropical cotingas (Cotingidae, Aves) with a comparative evolutionary analysis of breeding system and plumage dimorphism and a revised phylogenetic classification. *Molecular Phylogenetics and Evolution*. (2014), <http://dx.doi.org/10.1016/j.ympev.2014.09.001>, *in press*.
- Feo, T., Musser, J., **Berv, J. S.**, J. Clark, C. Divergence in morphology, calls, song, mechanical sounds, and genetics supports species status for the Inaguan hummingbird (Trochilidae: Calliphlox "evelynae" lyrura). *The Auk: Ornithological Advances* (2014), *accepted*.
- **Berv, J. S.**, K. Zyskowski, & R. O. Prum. Genetic data support Sipaliwini Savanna's affiliation to the Brazilian Cerrado, *in prep*.
- Williams, D., **Berv, J.S.** & R. O. Prum. Phylogeography of the Rufus-brown Solitaire (*Cichlopsis leucogenys*), *in prep*.

SCIENTIFIC PRESENTATIONS

Evolution 2014, National Evolutionary Biology Synthesis Center

- A comprehensive Multilocus Phylogeny of the Neotropical Cotingas. Talk.

First Joint Congress on Evolutionary Biology

- Emberizooides (Aves: Thraupidae) population genetics reveal novel biogeographic connections across Amazonia. Poster presentation.

25th International Ornithological Congress

- Genetic data support Sipaliwini Savanna's affiliation with the Brazilian Cerrado. Poster presentation.
- Using radio telemetry to discover cryptic avian nests in dense tropical forest. Poster presentation.



Evolution 2010, Portland State University, Portland, Oregon. June 25-29, 2010

- The phylogeography of South American savanna birds: does genetic data support Sipiawini savanna's ancestral affiliation with the Brazilian Cerrado? Poster presentation.

Yale University – Department of Ecology and Evolutionary Biology, Senior Symposium 2010

- Phylogeography and the origin of species in Amazonia. Oral presentation, April 28, 2010.

Yale University – Davenport College Mellon Forum, New Haven, CT.

- Phylogeography and the origin of species in Amazonia. Oral presentation, April 6, 2010.

Yale Institute for Biospheric Studies, ECOSAVE Conservation Genetics Laboratory, New Haven, CT.

- Phylogeography of Suriname's savanna birds & Radio tracking cryptic birds. Oral presentation, Dec 6, 2010.

National Conservation Division of Suriname, Paramaribo, Suriname.

- Population genetics of the birds inhabiting Surinamese savannas: Results of field research. Oral presentation, August 20, 2009.

PHOTOGRAPHY/POPULAR SCIENCE

Yale Environmental News

- Fall 2011, Vol.17, No. 1. – The Challenge of Hunting Tropical Hummingbirds – photos only.
- Fall/Winter 2009/2010. Vol. 15, No. 1– The ancestry and genetic differentiation of Surinamese savanna specialists.
- Winter 2009 / Vol. 14, No. 1 – Karongwe Game Reserve Summer 2008 Research Report.

Natural History Magazine Online

- Another Tenderfoot: Reflections on lessons learned by another young scientist eighty years ago. Photos by Jacob Berv.

Smithsonian.com

- Photo of the day, December 17, 2009.

Photography awards and grants:

- **Louis Sudler Award for the Creative and Performing Arts**, Yale University, Fall 2008, Spring 2009, Spring 2010. \$500 3x.
- **Photographer's Forum 29th Annual College Photography Contest** Spring 2009. Finalist, Sponsored by Nikon - *Ice Caves of Salzburg*
- **The Yale Globalist Magazine International Photography Contest** Fall 2008. *Lions in Karongwe* – 2nd place.

PUBLIC OUTREACH

Invited Outreach Presentations

- Centro Universitario Regional del Litoral Atlantico, La Ceiba, Honduras, March 20, 2013. "From Genes to Trees"
- Radio Milne Bay, Papua New Guinea. June 2011. "Museum Research and Specimen Collecting"
- Yale University Mellon Forum, New Haven, CT, April 6, 2010. "The origin of species in Amazonia"
- National Conservation Division of Suriname, Paramaribo SR. August 20, 2009. "Field expedition to Boven Coesewijne Savanna"
- Tzaneen Elementary School, Limpopo Province, South Africa, May 2008. Series of presentations on megafaunal research.
- Yachanna Technical High School, Napo Province, Ecuador, June 2007. Series of presentations on conservation research

TEACHING EXPERIENCE

Teaching Assistantships

- Cornell University, Fall 2014 BIOEE 1780 Introductory Evolutionary Biology and Diversity – “Writing in the Majors”
- Cornell University, Fall 2013. BIOEE 1780 Introductory Evolutionary Biology and Diversity – “Writing in the Majors”
- Cornell University, Winter Session 2014 – BIOEE 2650, Tropical Field Ecology and Behavior (Kenya)

Formal Undergraduate Mentorship

- While working as a research technician at Yale, I mentored a senior undergraduate through the development of an independent thesis project to study the species limits of Neotropical thrushes. I have begun the process of recruiting undergraduates at Cornell.

PROFESSIONAL MEMBERSHIPS/OUTREACH

American Society of Naturalists, *Student member since 2010*

Society for Integrative and Comparative Biology, *Student member since 2011*

Reviewer for:

- Proceedings of the Royal Society B (2)
- Molecular Phylogenetics and Evolution (1)

OTHER EXPERIENCE (UNDERGRADUATE)

Yale Student Technology Collaborative, *Hardware Repair Specialist*, Spring 2007-May 2010

- Employed by Yale ITS together with fellow “Student Techs” to maintain, repair, troubleshoot, and enhance student computers, public cluster computers, and Yale technology resources. Specialized in computer hardware repair and data recovery.

Davenport Photography Group, *Vice-president*, September 2009-May 2010

- Co-managed weekly meetings and organized local excursions for students to hone their photographic skillsets.



JACOB BERV
CIRRU CULUM VITAE

Department of Ecology and Evolutionary Biology, Fuller Evolutionary
Biology Program, Cornell University, and Cornell Laboratory of
Ornithology 159 Sapsucker Woods Road, Ithaca, NY USA 14850
jsb439[at]cornell.edu

REFERENCES

- **Irby Lovette, Ph.D.** Professor of Ecology and Evolutionary Biology, Cornell University, ij12@cornell.edu
- **Richard O. Prum, Ph.D.** Professor of Ecology and Evolutionary Biology, Yale Peabody Museum. Richard.Prum@yale.edu
- **Kristof Zyskowski, Ph.D.** Collections Manager, Yale Peabody Museum. Kristof.Zyskowski@yale.edu