

Jacob C. Cooper, M.A.

Curriculum Vitae

Graduate Student, Committee on Evolutionary Biology, University of Chicago
Research Affiliate, The Field Museum

Education

- 2016-present **University of Chicago**
Chicago, Illinois, USA
PhD from the Committee on Evolutionary Biology
Advisor: Dr. John M. Bates, The Field Museum
- 2013-2016 **University of Kansas**
Lawrence, Kansas, USA
Master of Arts in Ecology & Evolutionary Biology
Advisor: Dr. Jorge Soberón
- 2009-2013 **Louisiana State University**
Baton Rouge, Louisiana, USA
Bachelor of Science, Biology
Advisor: Dr. J. Van Rensen

Employment

- 2016 **University of Chicago**
Position: Engaged in summer research with Dr. John Bates, Field Museum
- 2016 **University of Kansas**
Position: Curatorial Assistant for Mark B. Robbins
- 2013-2015 **University of Kansas**
Position: Graduate Research Assistant for Dr. Jorge Soberón
- Employment, cont.*
- 2010-present **Tropical Birding**
Position: Part-time Tour Guide under Sam Woods
- 2013-2014 **University of Kansas**
Position: Graduate Teaching Assistant for Dr. Julie Campbell
- 2009-2014 **Bird Conservancy of the Rockies [Rocky Mountain Bird Observatory]**
Position: Field Technician
Multiple part time positions, supervisor Jeff Birek
- 2013 **Tulane University**
Position: Field Technician for Ashley Peele

Awards

Research

- 2015 **University of Kansas Summer Support Grant**
Recipient
Location: University of Kansas, USA
Amount: \$3,000.00 USD
- 2014 **National Geographic Society/Waitt's Grant**
Co-Principal Investigator
Location: Equatorial Guinea
Amount: \$12,000.00 USD
- 2014 **Panorama Grant**
Attendance at NSF Conference on Data Digitization
Location: University of California, Riverside
Amount: \$875.00 USD

Meetings/Workshops

- 2015 **American Ornithologists' Union/Cooper Ornithological Society Meeting**
American Ornithologists Union Student Travel Award
Travel Grant: \$270.00
- 2014 **CABAlliance Professional Development Workshop**
Central African Biodiversity Alliance
Location: Yaoundé, Cameroon
Travel Grant: All expenses to attend covered
- 2014 **ADBC Tri-trophic Database Workshop**
Panorama Grant, KU Biodiversity Institute
Location: University of California, Riverside
Travel Grant: see aforementioned Panorama Grant

Awards, cont.

Academic

- 2012 **Udall Scholar**
Honorable Mention
- 2009-2013 **LSU Alumni Association Top 100 Scholar**
- 2009-2013 **LSU Golden Oaks Award**

Presentations & Publications

Publications

1. Brzeski, Kristin E., Jared D. Wolfe, **Jacob C. Cooper** & Luke L. Powell. Camera sighting of Congo Clawless otter in the midst of rapid development on mainland Equatorial Guinea. *In review*.
2. **Cooper, Jacob C.** and Jorge Soberón. Creating individual dispersal hypotheses improves stacked species distribution model performance. *In review*.
3. **Cooper, Jacob C.**, Oscar Johnson, Tristan J. Davis, Ryan S. Terrill, Jared D. Wolfe, Kristin E. Brzeski, Amancio M. Etingüe & Luke L. Powell. Notes on the distribution of the avifauna of Bioko Island, Equatorial Guinea, including one new country record. *Accepted; in revision*.
4. **Cooper, Jacob C.** and Andrés M. Cuervo. Vocal variation and species limits in the *Sclerurus mexicanus* complex. *In press. Wilson Journal of Ornithology*.
5. **Cooper, Jacob C.**, Luke L. Powell, and Jared D. Wolfe. 2016. Notes on the birds of Equatorial Guinea, including nine first country records. *Bulletin of the African Bird Club* **23**(2):152-163.
6. Simões, Marianna V. P., Laura C. V. Breikreutz, Mabel Alvarado G., Stephen M. Baca, **Jacob C. Cooper**, Liam E. Heins, Kaylee S. Herzog, and Bruce S. Lieberman. 2016. The evolving theory of evolutionary radiations. *Trends in Ecology and Evolution* **31**(1):27-34.

Oral Presentations

1. **Cooper, Jacob C.** “Testing Stacked Distribution Models: Predicting Species Richness and Community Composition in Hummingbirds.” 67th Meeting of the Kansas Ornithological Society, Emporia, Kansas. **October 2015**.
2. **Cooper, Jacob C.** “Testing Stacked Distribution Models: Predicting Species Richness and Community Composition in Hummingbirds.” 133rd Meeting of the American Ornithologists’ Union/85th Meeting of the Cooper Ornithological Society Joint Meeting, University of Oklahoma, Norman, Oklahoma. **August 2015**.
3. **Cooper, Jacob C.** “Citizen Science and its Importance for Creating Effective Ecological Niche Models.” 66th Meeting of the Kansas Ornithological Society, Salina, Kansas. **October 2014**.

Poster Presentations

1. **Cooper, Jacob C.**, Luke L. Powell and Jared D. Wolfe. “Equatorial Guinea Bird Initiative: Ornithology and Conservation in a Rapidly Developing Central African Nation.” 132nd Meeting of the American Ornithologists’ Union/ 84th Meeting of the Cooper Ornithological Society/Society of Canadian Ornithologists Joint Meeting, Estes Park, Colorado. **September 2014**.

Personal Skills

Language Skills

	<u>READING</u>	<u>WRITING</u>	<u>SPEAKING</u>
ENGLISH	Fluent	Fluent	Fluent
SPANISH	Fluent	Ok	Fluent
PORTUGUESE	Ok	Ok	Ok
AFRIKAANS	Ok	Minimal	Ok
GERMAN	Ok	Minimal	Minimal

Technical Skills

Software:

R, ArcGIS, QGIS, MAXENT, RavenPro, Microsoft Office

Field Skills:

Mist-netting, bird banding, field specimen preparation, photography, sound recording, guiding, map reading, GPS operating, driving (manual & automatic for both left- and right-hand drive), experience with machetes and firearms

Reviewing:

The Condor (5 papers)