

Kaiya Lynn Provost

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Ph.D. Candidate – Richard Gilder Graduate School – American Museum of Natural History
Central Park West at 79th Street, New York, NY, 10025

EDUCATION

Richard Gilder Graduate School	Ph.D. Comparative Biology	2016– <i>present</i>
Columbia University	M.A. Conservation Biology	2014–2016
Cornell University	B.A. Ecology and Evolutionary Biology	2010–2014

PUBLICATIONS AND MANUSCRIPTS

Provost, Kaiya; Smith, Brian; Joseph, Leo. 2018. *Resolving a phylogenetic hypothesis for parrots: implications from systematics to conservation*. *Emu – Austral Ornithology*, DOI.10.1080/01584197.2017.1387030

Provost, Kaiya; Mauck, William, III; Smith, Brian. *Genetic and behavioral divergence among Northern Cardinal populations: Testing the permeability of a biogeographic barrier*. Manuscript in prep.

Provost, Kaiya. 2015. *Little Nightjar* (*Setopagis parvula*), Neotropical Birds Online (T. S. Schulenberg, Ed.). Ithaca: Cornell Lab of Ornithology; retrieved from Neotropical Birds Online: http://neotropical.birds.cornell.edu/portal/species/overview?p_p_spp=221016

CONFERENCE PRESENTATIONS

Provost, Kaiya; Mauck, William, III; Smith, Brian. *Genomic divergence across a barrier is mediated by song dialects*. Poster presented at: Evolution Meeting; Jun. 24 2017; Portland, OR.

Provost, Kaiya; Mauck, William, III; Smith, Brian. *Song dialect mediates genomic divergence across a barrier*. Poster presented at: Social Evolution and Genome Complexity Symposium; Mar. 3 2017; New York, NY.

Provost, Kaiya; Mauck, William, III; Smith, Brian. *Testing the permeability of a barrier using integrative phylogeography*. Talk presented at: Society of Systematic Biologists Standalone Meeting; Jan. 10 2017; Baton Rouge, LA.

Provost, Kaiya; Mauck, William, III; Smith, Brian. *Genetic and behavioral divergence among Northern Cardinal populations: Testing the permeability of a biogeographic barrier*. Talk presented at: North American Ornithological Conference; Aug. 18 2016; Washington, DC.

Provost, Kaiya; Mauck, William, III; Smith, Brian. *Genetic and behavioral divergence in a songbird across a barrier*. Poster presented at: Women in Science at Columbia Graduate Research Symposium; Apr. 23 2016; New York, NY.

Pian, Rebecca; Gill, Lucy; **Provost, Kaiya;** Wray, Amy; Cracraft, Joel. *The First American Biotic Interchange: finding congruence in fossil and molecular data*. Paper presented at: Society of Vertebrate Paleontology Meeting; Oct. 12-17 2015; Dallas, TX.

GRANTS, FELLOWSHIPS, AWARDS, AND HONORS

Society of Systematic Biologists	Grad Student Research Award	2017
American Ornithological Society	AOS Award	2017
AMNH Ornithology	Gormezano Memorial Grant	2017
Richard Gilder Graduate School	Ph.D. Fellowship	2016– <i>present</i>
Cooper Ornithological Society	Travel Award	2016

Columbia University	Alfred Russel Wallace Award	2016
American Ornithologist's Union	Wetmore Award	2016
Columbia University	Dept. of E3B Thesis Grant	2015
Cornell University	Dean's List	2013–2014

TEACHING EXPERIENCE

AMNH	Mentoring High School Student	2017
Columbia University	Life Systems/Environmental Biology II	2016
Columbia University	Environmental Biology I	2015–2016
Cornell University	Human Biology and Evolution	2013–2014

RESEARCH EXPERIENCE

Richard Gilder Graduate School	Avian speciation across barriers	2016– <i>present</i>
Columbia University	Northern Cardinal genetics and behavior	2014–2016
Research Assistant, Marina Cords	Primate behavioral anthropology	2014–2016
Burke Museum	Ornithology collections volunteer	2014
Cornell University	Mistletoe invasions on junipers	2014
Cornell University	Habitat and bird flush distances	2014
Cornell University	Eastern Grey Squirrel behavior	2011

PROFESSIONAL MEMBERSHIPS

American Ornithological Society • Women in Natural Sciences, AMNH Chapter • Society of Systematic Biologists • Women in Science at Columbia (*alumna*)

SKILLS

Python • R • Linux • Next-Generation Sequencing • Sanger Sequencing • QGIS • ArcGIS
 Playback Experiments • Statistical Analyses • Microsoft Office • Open Office • Video Editing

LEADERSHIP AND OUTREACH

AMNH	High School Mentorship	2017–2018
AMNH	Annual Family Party	2017
AMNH	Los Suenos del Caribe	2017
AMNH	Member Open House	2017
Columbia University	Invited graduate orientation speaker	2015
Columbia University	E3B Student Representative	2014–2015
Columbia University	Science Saturday Starters	2014

DEPARTMENTAL TALKS

- Provost, Kaiya.** *Population genomics of southwestern desert birds.* Talk presented at: American Museum of Natural History Second Year Symposium: November 30 2017.
- Provost, Kaiya.** *Genetic and behavioral divergence among Northern Cardinal populations: Testing the permeability of a biogeographic barrier.* Talk presented at: Columbia University Department of Ecology, Evolution, and Environmental Biology MA Thesis Presentations: May 10 2016.
- Provost, Kaiya.** *Behavioral and molecular data suggest different mechanisms for isolation across a filter barrier.* Talk presented at: Columbia University Department of Ecology,

Evolution, and Environmental Biology Seminar: Oct. 22 2015.

Provost, Kaiya. *Behavioral and molecular data suggest different mechanisms for isolation across a filter barrier.* Talk presented at: American Museum of Natural History Explorations in Ecological-Evolutionary Modeling Meeting: Sep. 24 2015.

Provost, Kaiya. *Testing the permeability of biogeographic barriers: avian diversification in the southwestern deserts.* Talk presented at: Columbia University Department of Ecology, Evolution, and Environmental Biology Seminar: Jan. 29 2015.

SELECTED COURSEWORK

Richard Gilder Graduate School: Systematics; Grantsmanship, Ethics, and Communication; GIS and Remote Sensing for Conservation and Evolutionary Biology; Evolution; Applied Phylogenetics; Speciation; Second Year Symposium, Foundations of Biological Classification.

Columbia University: Biogeography; Fundamentals of Ecology and Evolution; Applied Statistical Methods; Phylogenomics; Conservation Biology; Ethics in Sustainability and Development; Algorithmic Approaches to Biological Data.

Cornell University: Deserts, Snakes, and Mentorship in the Field; Ornithology; Herpetology; Mammalogy; Chemical Ecology; Advanced and Field Ecology; Genetics and Genomics; Human Biology and Evolution; Vertebrates; Tropical Field Ecology; Evolutionary Biology and Diversity; Ecology and the Environment; Cell and Developmental Biology.