

Christopher C. Kyriazis

University of California Los Angeles
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EDUCATION

- 2017-present Ph.D., University of California Los Angeles, Los Angeles CA
Department of Ecology & Evolutionary Biology
Research Focus: Evolutionary and Conservation Genomics
Advisors: Dr. Robert K. Wayne & Dr. Kirk E. Lohmueller
- 2011-2015 B.S., University of Chicago, Chicago IL
Biological Sciences specializing in Ecology & Evolution, with honors
Thesis: *Phylogeography of endemic Philippine forest rats: evaluating the potential for in situ speciation in a recent colonist on Luzon Island*
Advisors: Dr. Lawrence R. Heaney & Dr. John M. Bates

PUBLICATIONS

5. **Kyriazis, CC**, Wayne, RK, & KE Lohmueller, 2019. High genetic diversity can contribute to extinction in small populations. *Current Biology* (in revision). Preprint: <https://doi.org/10.1101/678524>
4. Younger, JL, Block, NL, Raheirilalao, MJ, Maddox, DJ, Wacker, KS, **Kyriazis, CC**, Goodman, SM, & S Reddy. Diversification of a cryptic radiation, a closer look at Madagascar's newly recognized bird family. *Systematic Biology* (in revision). Preprint: <https://doi.org/10.1101/825687>
3. Heaney, LR*, **Kyriazis, CC***, Balete, DS, Rickart, EA & SJ Steppan, 2018. How small an island? Speciation by endemic mammals on an oceanic Philippine island. *Journal of Biogeography*, 45, 1675-1687. *co-first authors
2. **Kyriazis, CC**, Alam, B, Wjodyla, M, Hosner, PA, Hackett, SJ, Mays Jr., HL., Heaney, LR & S Reddy, 2018. Colonization and diversification of the White-browed Shortwing in the Philippines. *Molecular Phylogenetics and Evolution*, 121, 121-131.
1. **Kyriazis, CC**, Bates, JM & LR Heaney, 2017. Dynamics of genetic and morphological diversification in an incipient intra-island radiation of Philippine rodents (Muridae: *Bullimus*). *Journal of Biogeography*, 44, 2585-2594.

PRESENTATIONS

- Nov. 2019 Invited seminar, Stanford University Center for Evolutionary and Human Genetics. Palo Alto, CA.
- July 2019 Invited seminar (via Skype), Ramakrishnan lab, National Centre for Biological Sciences. Bangalore, India.

- June 2019 Symposium talk, SSE Hamilton Award Competition (invited). Evolution Meetings, Providence, RI.
- Aug. 2017 Conference talk, American Ornithological Society Meeting. East Lansing, MI.
- June 2016 Conference talk, American Society of Mammalogists Meeting. Minneapolis, MN.
- Aug. 2014 Symposium talk, Field Museum REU Symposium. Chicago, IL.

GRANTS & AWARDS

- June 2019 UCLA Graduate Research Grant (\$2,000)
- June 2019 Hamilton Award Finalist, Society for the Study of Evolution (\$500)
- May 2018 UCLA Graduate Research Grant (\$1,100)
- 2017-2019 UCLA Dean's Scholar, awarded to top incoming graduate student (\$14,500)
- Summer 2014 Field Museum NSF REU Summer Research Grant (\$7,500)
- 2011-2015 Dean's List, University of Chicago

OUTREACH & MENTORING

- May 2019 Conservation Genomics Workshop coordinator, UCLA
- July 2018 Bridges to Baccalaureate, volunteer for event recruiting transfer students from Long Beach and Cerritos City Colleges
- July 2018 Louis Stokes Alliance for Minority Participation, panel speaker for UCLA event
- April 2018 "DNA Day" organizer, UCLA Dept. of Human Genetics
- April 2018 Louis Stokes Alliance for Minority Participation, panel speaker for UCLA event
- April 2017 Rolling Meadows High School "Career Day", organizer
- 2016-2017 Mentor for two Masters students in Loyola University Chicago Dept. of Biology
- 2014-2017 Field Museum "Meet the Scientist", monthly participant
- Feb. 2014 "Brain Awareness Week" organizer, hosted by U. of Chicago NEURO club

MEDIA COVERAGE & POPULAR ARTICLES

- July 2019 Media coverage on preprint in [The Atlantic](#) and [Science Magazine](#)
- June 2018 Co-authored article in *Natural History Magazine* covering research on Philippine mammal diversification
- May 2018 Media coverage for *Journal of Biogeography* article in [Science Magazine](#), [Nature](#), [Mongabay](#), [Yahoo](#), [Island Conservation](#), [Tech Times](#), [Phys.org](#)

TEACHING EXPERIENCE

- Winter 2019 Teaching Assistant, *Conservation Biology*, UCLA Dept. of Ecology and Evolutionary Biology
- Fall 2018 Teaching Assistant, *Genetics, Ecology, and Evolution*, UCLA Life Sciences Core Education
- Spring 2018 Teaching Assistant, *Human Biology and Society Capstone Seminar*, UCLA Dept. of Society and Genetics
- Spring 2016 Teaching Assistant, *How Can We Understand the Biosphere?*, University of Chicago Biological Sciences Division
- Spring 2016 Teaching Assistant, *Desert Ecology*, University of Chicago Biological Sciences Division
- Spring 2015 Teaching Assistant, *Desert Ecology*, University of Chicago Biological Sciences Division

Fall 2014 Teaching Assistant, *Applied Regression Analysis*, University of Chicago
Department of Statistics

PREVIOUS RESEARCH EXPERIENCE

(Aug 2016-Aug 2017) Laboratory Manager, Reddy Lab, Loyola University Chicago

- Served as primary technician for an NSF-funded project examining genomic and morphological patterns of diversification in endemic birds from Madagascar.
- Responsibilities included preparing genomic libraries for high throughput sequencing, processing genomic data, drafting manuscripts, and mentoring undergraduates.

(May 2013-July 2016) Research Assistant, Integrative Research Center, Field Museum

- Conducted independent research investigating phylogeographic patterns in Philippine birds and rodents, advised by Dr. Lawrence Heaney and Dr. John Bates.
- Collaborated with visiting researcher Dr. Uma Ramakrishnan from NCBI, Bangalore, on a project examining diversification in Himalayan rodents

(Summer 2012) Field Assistant, Price Lab, University of Chicago

- Mist-netted, measured, and took blood samples of dark-eyed juncos from thirteen State and National Parks across the northwestern United States.
- Research examined the factors promoting diversification in *Junco hyemalis*.

(May 2012- Sept 2013) Research Assistant, Goldin-Meadow Lab, University of Chicago

- Managed daily operations of research project, including scheduling and administering experimental arithmetic tests and coding resulting video data.