J. ALBERT C. UY

Department of Biology
University of Rochester
Rochester, NY 14627 U.S.A.

E-MAIL al.uy@rochester.edu **TEL** 585.275.3835 **WEBSITE** https://tropbiolab.org/JACU/

APPOINTMENTS

2026-current	Chair. Department of Biology, University of Rochester, NY
2025 (Fall)	Interim Dean, School of Arts & Sciences, University of Rochester, NY
2025-current	Dean's Professor of Biology, University of Rochester, NY
2023-2025	Chair. Department of Biology, University of Rochester, NY
2022-current	Professor. Department of Biology, University of Rochester, NY
2020-2022	Associate Professor. Department of Biology, University of Rochester, NY
2011-2019	Pat & Jeff Aresty Chair in Tropical Ecology. Department of Biology, University of Miami, Coral Gables, FL
2009-2010	Associate Professor. Department of Biology, Syracuse University, NY
2004-2009	Assistant Professor. Department of Biology, Syracuse University, NY
2002-2004	Assistant Professor. Dept. of Biology, San Francisco State University, CA
2000-2002	Postdoctoral Fellow. National Science Foundation Fellowship in Biological Informatics, University of California, Santa Barbara, CA (Advisor: John A. Endler)

EDUCATION

1995-2000	Ph.D., Biology, University of Maryland, College Park, MD (Advisor: Gerald Borgia)
1990-1994	A.B., Integrative Biology, University of California, Berkeley, CA

RESEARCH SUPPORT

Pending

2026-2029	Division of Environmental Biology, NSF. "Uncovering the genetic basis of intense sexual selection and adaptive decision making in bowerbirds." $901,039. Role: PI

Previous support

2021-2025	Division of Environmental Biology, NSF. "Neo-sex chromosome evolution and impact on speciation-with-gene flow in oceanic island birds." $898,039. Role: PI (with D.C. Presgraves, co-PI).
2018-2023	International Research Experience for Students, NSF. "Track I: Exploring Adaptive Responses to Dynamic Environments" $292,122. Role: PI (with F.M.K. Uy, co-PI).
2019-2023	Constable Foundation. "Conservation in the Solomon Islands" $28,00.00. Role: PI.
2018-2022	Critical Ecosystem Partnership Fund. "Establishing a Protected Area in East Makira to Conserve Biodiversity." $79,166. Role: PI
2012-2015	Connecting Researchers & Public Audiences, NSF. "Incipient Species Project" $149,990. Role: PI
2011-2013	Committee for Research & Exploration, National Geographic Society. "On the origin of species on islands: How variation within populations leads to fixed differences between incipient species" $20,000. Role: PI
2007-2013	Division of Integrative Organismal Biology, NSF. "CAREER: Factors that shape the evolution of multimodal signals in the chestnut-bellied flycatcher *Monarcha castaneiventris*" $536,421. Role: PI

Previous support (continued)

2009-2013 Research Experience for Undergraduates [supplement to CAREER award], NSF. $11,000. Role: PI

2009-2011 National Evolutionary Synthesis Center, NSF. "Working Group: An integrative evolutionary approach to examine sexual selection as a mechanism of speciation." Role: co-PI with R. J. Safran

2003-2004 Starter Grant, NSF. "Signal divergence & speciation in manakins" $50,000. Role: PI

2000-2001 Committee for Research and Exploration, National Geographic Society. "Signal evolution & speciation in paradise kingfishers," $16,000. Role: PI

2000-2002 Biological Informatics, NSF. Postdoctoral Fellowship. "Signal evolution & speciation in paradise kingfishers," $100,000.

1995 *Sigma Xi*. "Sexual selection & speciation in Vogelkop bowerbirds," $800

PUBLICATIONS

*Undergraduate Student +Graduate Student †Postdoc ‡Co-corresponding authors

58. Castaño, M.I., E. Croyle, C.D. Cadena & **J.A.C. Uy**. 2026. Replicate avian hybrid zones reveal the progression of genetic and trait introgression through time. *Evolution*, Early Online Access, link.
57. Borgia, G., **J.A.C. Uy** & J.A.H. Billman. 2026. The unique mating system of Tooth-billed Bowerbirds and bower evolution in the maypole-building clade. *Emu – Austral Ornithology,* Early Online access, link.
56. Muirhead, C.A., E. Martí+, E.H. Shogren†, **J.A.C. Uy**‡ & D.C. Presgraves‡. 2025. Genomic origins and evolution of neo-sex chromosomes in Pacific Island birds, *Proceedings of the National Academy of Sciences, U.S.A.* 122 (31) e2503746122.
55. Ocampo, D.+, L. Sandoval & **J.A.C. Uy.** 2025. Weak premating reproductive isolation despite divergence in secondary sexual traits in the Variable Seedeater. *Animal Behaviour*. 221 (1): 123072.
54. Shogren, E.H.†, J.M. Sardell+, C.A. Muirhead, E. Marti+, R.G. Moyle, D.C. Presgraves‡ & **J.A.C. Uy**‡. 2024. Recent secondary contact, genome-wide admixture and limited introgression of neo-sex chromosomes between two Pacific Island bird species. *PLoS Genetics,* 20 (8): e1011360.
53. Ocampo, D.+, K. Winker, M.J. Miller, L. Sandoval & **J.A.C. Uy.** 2023. Replicate contact zones suggest a limited role of plumage in reproductive isolation among subspecies of the variable seedeater (*Sporophila corvina*). *Molecular Ecology*, 32: 3586-3604.
52. Ocampo, D.+, G. Barrantes & **J.A.C. Uy**. 2023. Variation in female and male plumage brightness is positively correlated among populations of the Variable Seedeater *Sporophila corvina. Ornithology*. 140(2): ukadd002
51. Powell, E.+ & **J.A.C. Uy**. 2023. Male color polymorphism in populations of reef geckos (*Sphaerodactylus notatus*) reduces the utility of visual signals in sex recognition. *Behavioral Ecology & Sociobiology*. 77: 2
50. Klicka, L.B., L. C. Campillo, J.D. Manthey, M.J. Andersen, J.P. Dumbacher, C. E. Filardi, L. Joseph, **J.A.C. Uy**, D.E. Weidemann+ & R. G. Moyle. 2022. Genomic and geographic diversification of a "great-speciator" (*Rhipidura rufifrons*). *Ornithology*. 140(1): ukac049.
49. Campagna, L., Z. Mo, A. Siepel & **J.A.C. Uy**. 2022. Selective sweeps on different pigmentation genes mediate convergent evolution of island melanism in two incipient bird species. *PLoS Genetics.* 18(11): e1010474
48. Ocampo, D.+, K. Winker, M.J. Miller, L. Sandoval & **J.A.C. Uy**. 2022. Rapid diversification of the Variable Seedeater superspecies complex despite widespread gene flow. *Molecular Phylogenetics & Evolution* 173: 107510.
47. Cowles, S.A.+, C.C. Witt, E. Bonaccorso, F. Grewe & **J.A.C. Uy**. 2022. Early stages of speciation with gene flow in the Amazilia Hummingbird (*Amazilis amazilia*) subspecies complex of Western South America. *Ecology & Evolution.* 12: e8895.

PUBLICATIONS (continued)

46. Ocampo, D.[+], A. Quesada, C. Oconitrillo, R. Lobo & **J.A.C. Uy**. 2022. Independent observations of phaeomelanic males of the Variable Seedeater with comments about its potential for evolutionary divergence. *Ornitología Neotropical* 33: 79-83.
45. Cowles, S.A.[+], B.C. Weeks, L. Perrin, N. Chen & **J.A.C. Uy**. 2021. Estimates of adult census size and effective population size support the need for continued protection of two Solomon Island endemics. *Emu – Austral Ornithology,* 121: 45-54.
44. Cowles, S.A.[+] & **J.A.C. Uy.** 2019. Rapid, complete reproductive isolation in two closely related *Zosterops* White-eye bird species despite broadly overlapping ranges. *Evolution* 73:1647-1662.
43. **Uy, J.A.C.**, E.A. Cooper[†] & J.A. Chaves[†]. 2019. Convergent melanism in populations of a Solomon Island flycatcher is mediated by unique genetic mechanisms. *Emu*, 119: 242-250.
42. **Uy, J.A.C.**, D.E. Irwin & M. Webster. 2018. Behavioral isolation and incipient speciation in birds. *Annual Review of Ecology, Evolution & Systematics* 49: 1-24.
41. Ocampo, D.[+], G. Barrantes & **J.A.C. Uy**. 2018. Morphological adaptations for relatively larger brains in hummingbird skulls. *Ecology & Evolution*. 8: 10482-10488.
40. Michel, A.J., L.M. Ward, S.K. Goffredi, K.S. Dawson, D.T. Baldassarre[†], A. Brenner, K. M. Gotanda, J.E. McCormack, S.W. Mullin, A. O'Neill, G.S. Tender, **J.A.C. Uy**, K. Yu, V.J. Orphan, and J.A. Chaves. 2018. The gut of the finch: uniqueness of the gut microbiome of the Galápagos vampire finch. *Microbiome* **6**:167.
39. Mittermeier, J.C.[+], G. Dutson, R. James, T.E. Davies, R. Tako & **J.A.C. Uy**. 2018. The avifauna of Makira, Solomon Islands. *Wilson Journal of Ornithology* 130: 235-255.
38. Cooper, E.A.[†] & **J.A.C. Uy**. 2017. Genomic evidence for convergent evolution of a key trait underlying divergence in island birds. *Molecular Ecology* 26: 3760-3774.
37. Uy, F.M.K., S. Ravichandran[*], K.S. Patel[*], J. Aresty, P.P. Aresty, R. Audett[*], K. Chen[*], L. Epple[*], S.F. Jeffries[*], G. Serein[*], P. Tullis-Joyce[*] & **J.A.C. Uy**. 2017. Active background choice facilitates crypsis in a tropical crab. *Biotropica* 49: 365-371.
36. Chaves, J.A.[†], E. A. Cooper[†], A.P. Hendry, J. Podos, L.F. De León, J.A.M. Raeymaekers, O.W. McMillan & **J.A.C. Uy**. 2016. Genomic variation at the tips of the adaptive radiation of Darwin's finches. *Molecular Ecology* 25: 5282-5295.
[This is a "*From the Cover*" article, with a News & Views piece by N. Mundy]
35. **Uy, J.A.C.**, E.A. Cooper[†], S. Cutie[*], M.R. Concannon[*], J. Poelstra[+], R.G. Moyle & C.E. Filardi. 2016. Mutations in different genes mediate convergent melanism between isolated populations of an island flycatcher. *Proceedings of the Royal Society of London, Series B* 283: 20160731.
34. Sardell, J.M.[+] & **J.A.C. Uy**. 2016. Hybridization following recent secondary contact results in asymmetric genotypic and phenotypic introgression between island species of *Myzomela* honey-eaters. *Evolution*, 70: 257-269.
33. Toews, D.P. L., L. Campagna, S.A. Taylor, C.N. Balakrishnan, D.T. Baldassarre[†], P.E. Deane-Coe, M.G. Harvey, D.M. Hooper, D.E. Irwin, C.D. Judy, N.A. Mason, J.E. McCormack, K.G. McCracken, C.H. Oliveros, R.J. Safran, E.S.C. Scordato, K.F. Stryjewski, A. Tigano, **J.A.C. Uy** & B.M. Winger. 2016. Genomic approaches to understanding population divergence and speciation in birds. *The Auk* 133:13-30.
32. **Uy, J.A.C.** and L. Vargas-Castro[+]. 2015. Island size predicts the frequency of melanism in the color polymorphic flycatcher *Monarcha castaneiventris* of the Solomon Islands. *Auk,* 132: 787-794.
31. Hurtado-Gonzales, J.L.[+], E. Loew & **J.A.C. Uy**. 2014. Variation in the visual habitat may mediate the maintenance of color polymorphism in a fish. *PLoS One*, 9: e101497.
30. Reynolds, S., **J.A.C. Uy**, G.L. Patricelli, S. Coleman, M. Braun & G. Borgia. 2014. Tests of the kin selection model of mate choice and inbreeding avoidance in satin bowerbirds. *Behavioral Ecology* 25: 1005-1014.
29. Seddon, N., C.A. Botero, J.A. Tobias, P. O. Dunn, H.E.A. MacGregor, D.R. Rubenstein, **J.A.C. Uy**, J. T. Weir, L.A. Whittingham & R.J. Safran. 2013. Sexual selection accelerates signal evolution during speciation in birds. *Proceedings of the Royal Society of London, Series B* 280: 20131065.
28. **Uy, J.A.C.** & R.J. Safran. 2013. Variation in the temporal and spatial use of signals and its implications for multimodal communication. *Behavioral Ecology & Sociobiology* 67: 1499-1511.

PUBLICATIONS (continued)

26. Parchman, T., Z. Gompert, G. Zhang, M.J. Braun, R. Brumfield, D.B. McDonald, **J.A.C. Uy** & C.A. Buerkle. 2013. The genomic consequences of adaptive divergence and reproductive isolation between species of manakins. *Molecular Ecology* 22: 3304-3317.
25. Concannon, M.R.[*], A.C. Stein[+] & **J.A.C. Uy.** 2012. Kin selection may mediate lek evolution & trait introgression across a hybrid zone. *Molecular Ecology* 21: 1477-1486.
24. Safran, R.J., S. Flaxman, M. Knopp, D.E. Irwin, D. Briggs, M.R. Evans, W.C. Funk, D.A. Gray, E.A. Hebets, N. Seddon, E. Scordato, L.B. Symes, J.A. Tobias, D.P.L. Toews, & **J.A.C. Uy.** 2012. A robust, new metric of phenotypic distance to estimate and compare multiple trait differences among populations. *Current Zoology* 58: 426-439
23. Hurtado-Gonzales, J.L.[+] & **J.A.C. Uy**. 2010. Intrasexual competition facilitates the evolution of alternative mating strategies in a colour polymorphic fish. *BMC Evol Biology,* 10:391.
22. Hurtado-Gonzales, J.L.[+], D.T. Baldassarre[*] & **J.A.C. Uy**. 2010. Interaction between female mating preferences and predation may explain the maintenance of rare males in the pentamorphic fish *Poecilia parae. Journal of Evolutionary Biology* 23: 1293-1301.
21. Hubbard, J.K., **J.A.C. Uy**, M.E. Hauber, H.E. Hoekstra & R.J. Safran. 2010. Vertebrate pigmentation: from underlying genes to adaptive function. *Trends in Genetics*. 26: 231-240.
20. **Uy, J.A.C.**, R.G. Moyle, C.E. Filardi & Z.A. Cheviron. 2009. Difference in plumage color used in species recognition between incipient species is linked to a single amino acid substitution in the melanocortin-1 receptor. *American Naturalist.* 174: 244-254. **[Faculty of 1000]**
19. **Uy, J.A.C.**, R. Moyle & C.E. Filardi. 2009. Plumage color & song differences mediate species recognition between incipient flycatcher species of the Solomon Islands. *Evolution* 63:153-164.
18. Pitnick, S., K. Henn[*], S. Maheux[*], D.M. Higginson, J.L. Hurtado-Gonzales[+], M.K. Manier, K. Berben, C. Guptill & **J.A.C. Uy**. 2009. Size-dependent alternative male mating tactics in the yellow dung fly, *Scathophaga stercoraria. Proc. Roy. Soc. B.,.* 276: 3229-3237.
17. Hurtado-Gonzales, J.L.[+] & **J.A.C. Uy**. 2009. Alternative mating strategies may favor the persistence of a genetically based colour polymorphism in a pentamorphic fish. *Anim. Behav.* 77: 1187-1194.
16. Reynolds, S., M.C. Christman, **J.A.C. Uy**, G.L. Patricelli, M.J. Braun & G. Borgia. 2009. Lekking satin bowerbird males aggregate with relatives to mitigate aggression. *Behav. Ecol.* 20: 410-415.
15. Tori, W.P., R. Duraes, T.B. Ryder, M. Anciaes, J. Karubian, R. Macedo, **J.A.C. Uy**, P. Parker, T.B. Smith, A.C. Stein[+], M. Webster, J.G. Blake & B.A. Loiselle. 2008. Advances in sexual selection theory: Insights from tropical avifauna. *Ornitología Neotropical,* 19: S151-S163.
14. **Uy, J.A.C.** & A.C. Stein[+]. 2007. Variable visual habitats may influence the spread of colourful plumage across an avian hybrid zone. *Journal of Evolutionary Biology* 20: 1847-1858.
13. Reynolds, S.M., K. Dryer, J. Bollback, **J.A.C. Uy**, G.L. Patricelli, T. Robson, G. Borgia & M.J. Braun. 2007. Behavioral paternity predicts genetic paternity in satin bowerbirds, a species with a non-resource-based mating system. *The Auk* 124: 857-867.
12. Stein, A.C.[+] & **J.A.C. Uy**. 2006. Plumage brightness predicts male mating success in the lekking golden-collared manakin. *Behavioral Ecology*. 17: 41-47.
11. Stein, A.C.[+] & **J.A.C. Uy**. 2006. Unidirectional introgression of a secondary sexual character: A role for female choice? *Evolution*. 60: 1476-1485.
10. **Uy, J.A.C.** & J.A. Endler. 2004. Modification of the visual background increases the conspicuousness of golden-collared manakin displays. *Behavioral Ecology*. 15: 1103-1015.
9. Patricelli, G. L., **J.A.C. Uy** & G. Borgia. 2004. Female signals enhance the efficiency of mate assessment in satin bowerbirds. *Behavioral Ecology*. 15: 297-304.
8. Patricelli, G. L., **J.A.C. Uy** & G. Borgia. 2004. Multiple male traits interact: attractive bower decorations facilitate attractive behavioural displays in satin bowerbirds. *Proc. Roy. Soc. B.,* 270: 2389-2395.
7. Borgia, G., M. Egeth, **J.A.C. Uy** & G.L. Patricelli. 2004. Juvenile infection and male display: Testing the bright male hypothesis across individual life histories. *Behavioral Ecology,* 15**:** 722-728.
6. G. L. Patricelli, **J.A.C. Uy** & G. Borgia. 2002. Male displays adjusted to female's response. *Nature*, 415: 279-280.
5. **Uy, J.A.C.**, G. L. Patricelli & G. Borgia. 2001. Complex mate searching in the satin bowerbird *Ptilonorhynchus violaceus*. *American Naturalist,* 158: 530-542.

PUBLICATIONS (continued)

4. **Uy, J.A.C.**, G. L. Patricelli & G. Borgia. 2001. Loss of attractive mates forces female satin bowerbirds *Ptilonorhynchus violaceus* to increase mate searching. *Proc. Roy. Soc. B.,* 268: 633-638.
3. **Uy, J.A.C.** & G. Borgia. 2000. Sexual selection drives rapid divergence in bowerbird display traits. *Evolution,* **54**: 273-278.
2. **Uy, J.A.C.**, G. L. Patricelli & G. Borgia. 2000. Dynamic mate-searching tactic allows female satin bowerbirds *Ptilonorhynchus violaceus* to reduce searching. *Proc. Roy. Soc. B.,* 267: 251-256.
1. Kusmierski, R., G. Borgia, **A. Uy** & R. Crozier. 1997. Labile evolution of display traits in bowerbirds indicates reduced effects of phylogenetic constraints. *Proc. Roy. Soc. B.*, 264: 307-313.

MAJOR OUTREACH & CONSERVATION

Documentary

Islands of Creation. Funded by an NSF award, and produced by Day's Edge Productions and the Smithsonian Channel, this full-length documentary features our research and conservation efforts in the Solomon Islands. The documentary was broadcasted in the Smithsonian Channel from 2015 to 2019, and continues to be available via *Paramount+* streaming services. Link to *Islands of Creation*

Conservation

Yato Protected Area. Funded by a grant from Conservation International, we empowered three indigenous communities in the Solomon Islands to establish a federally protected conservation area that is 25,000 acres in size. The conservation area consists of pristine cloud forest and rainforest ecosystems critical to the conservation of endemic animal and plant species. In November 2025, the Yato Protected Area was officially designated as a federally protected area by the Solomon Island's Ministry of Environment, making it the largest protected forest in the entire archipelago. I have brokered a partnership with Nakau for a carbon project that will fund the Yato Protected Area in perpetuity. Link to *the Yato Protected Area project*.

PROFESSIONAL SERVICES

Editorial board

2012-2022	Associate Editor, *American Naturalist*

Panelist for federal grant agency

2023	NSF, Division of Environmental Biology, CAREER
2021	NSF, Rules of Life Postdoctoral Fellowship
2013, 2016, 2020	NSF, Division of Integrative Organismal Biology, Animal Behavior
2012	NSF, Division of Environmental Biology, Evolutionary Processes
2003-2006, 2010	NSF, Bioinformatics Postdoctoral Fellowship
2009	NSF, Dissertation Improvement Grant

Ad hoc grant reviewer

2024	B. Rosemary Grant Fellowship, Evolution Society of America
2022	Austrian Academy of Sciences Doctoral Fellowships
2018, 2019	Lewis & Clark Foundation
2016	Biotechnology & Biological Sciences Council of the United Kingdom
2013, 2014, 2016	National Geographic Society
2004-2009, 2014 2021, 2022	NSF, various programs in IOS and DEB
2003	NSF, International Postdoctoral Fellowship

UNIVERSITY SERVICES

University of Rochester

2026-current	Chair of Department of Biology
2025 (Fall)	Interim Dean, School of Arts & Sciences
2025	Member, Dean of School of Arts & Sciences search committee
2024	Member, Vice Provost for Global Engagement search committee
2023-2025	Chair of Department of Biology
2023-2024	Member, University Faculty Grievance Committee
2022-2023	Committee chair, Chair Selection Committee for Biology
2021-current	Major advisor, B.S. in Ecology & Evolutionary Biology track
2022-2023	Member, Department of Biology Awards Committee for Faculty & Staff

University of Miami

2018-2019	Committee chair, UTropics Initiative, College of Arts & Sciences
2017-2019	Representative for Biology Department, Faculty Senate
2011-2019	Advancement activities (numerous fund-raising events), Development & Alumni Relations Office, College of Arts & Sciences
2015-2017	Member, Graduate Admission & Advisory Committee, Department of Biology
2011-2015	Director of Graduate Studies, Department of Biology
2016	Chair of Faculty Search Committee, Integrative Biologist
2016	Member of Global Education Committee, College of Arts & Sciences
2015	Chair of Faculty Search Committee, Evolutionary Developmental Biologist
2015	Member of Integrative Science Building Committee, College of Arts & Sciences
2013-2015	Member of Undergraduate Curriculum Committee, Department of Biology
2013	Chair of Faculty Search Committee, James Kushlan Chair in Waterbird Biology

Syracuse University

2007-2009	Member, Chair Advisory Committee, Department of Biology
2005-2009	Member, Institutional Animal Care & Use Committee
2007	Member, Faculty Search Committee for Evolutionary Developmental Biologist

TEACHING EXPERIENCE

University of Rochester (2020-present)

2024	BIO475, Topics in Ecology & Evolution (7 graduate students)
2021-23	BIO263, Ecology (*ca*. 50 students), with an additional writing section (8-10 students)
2020, 2022	BIO475, Topics in Ecol. & Evol. (4-6 graduate students; co-taught with other faculty)
	BIO580, Journal Club

University of Miami (2011-2019)

2011-2019	BIO330, Ecology (68-98 students; taught each spring semester)
2018-2019	BIO441, Animal Behavior (34-40 students)
2013-2019	BIO435, Solomon Islands field course(5-8 students; taught every other summer)
2018	BIO612, Topics in Ecology & Evolution (13 graduate students)
2016-2017	BIO442, Animal Behavior Lab (14-17 students)
2016	BIO675, Foundations of Evolutionary Biology (9 graduate students)
2015	BIO162, HHMI Evolution & Ecology Lab (Section 1: 15; Section 2: 21 students)
2013-2014	BIO432 Ecology of Galapagos Islands (field course; 13-15 students)

Syracuse University (2004-2010)

2009	BIO417, Animal Behavior Lab (co-taught with S. Pitnick; 23 students)
2009	BIO400, Solomon Islands field course (10 students)
2005-2009	BIO345, Population Biology (co-taught with J. Friedley; 34-47 students)
2007	BIO100, Evolution (for non-majors, co-taught with S. Pitnick; 23 students)
2005, 2007	BIO421, Topics in Evolutionary Biology (10-14 students)
2005-2007	BIO456, Evolution (co-taught with S. Pitnick and W. Starmer; 5-13 students)

San Francisco State University (2002-2004)

2004 BIO337, Evolution (57 students)
2004 Bio 170: Animal Diversity (for non-majors, co-taught with E. Connor; 98 students)
2003 BIO478, Ornithology lecture and lab (19 students)
2003 BIO600, Animal Behavior lecture and lab (13 students)
2003 BIO862, Speciation (graduate level seminar, 15 students)

INVITED COLLOQUIM & SYMPOSIUM SPEAKER

2025 American Museum of Natural History, New York, NY
School of Life Sciences, University of Nevada, Las Vegas, NV
2024 Behav., Ecol., Evol. & Syst. Program, Univ. of Maryland, College Park, MD
2023 Department of Biology, Carlton College, NY
Department of Biology, Ithaca College, NY
2022 Ecology & Evolutionary Biology Program, Purdue University, IN
2021 Department of Zoology, University of British Columbia, Vancouver, BC, Canada
Speciation & Introgression Discussion Group, University of California at Berkeley, CA
2019 Department of Neurobiology & Behavior, Cornell University, NY
Department of Biology, Pennsylvania State University, State College, PA
2018 Department of Biological Sciences, University of Rochester, NY
Departamento de Ciencias Biologicas, Universidad de los Andes, Colombia
American Ornithological Society, Invited symposium speaker for "Hybridization in birds", Tucson, AZ
International Ornithological Congress, Invited symposium speaker for "Signal divergence & speciation", Vancouver, BC, Canada
2017 Keynote Speaker, St. Louis Ecology, Evolution & Conservation Consortium, MO
Department of Biology, Reed College, Portland, OR
Invited speaker for "Common Hour", Franklin & Marshall College, Lancaster, PA
2016 Island Biology Conference, Invited symposium speaker for "Dynamics of speciation and diversification in island birds", Azores, Portugal
Department of Ecology & Evolutionary Biology, University of California at Davis
2015 Department of Integrative Biology, University of Texas at Austin
2014 American Ornithological Union, Invited symposium speaker for "Genomics of speciation in birds", Fort Collins, CO
Society for the Study of Evolution, Invited symposium speaker for "Sexual selection & speciation", Raleigh, NC
Department of Biological Sciences, University of Maryland at Baltimore, MD
Department of Ecology and Evolution, Tulane University, New Orleans, LA
2013 Department of Biological Sciences, University of Montana, Missoula, MT
Department of Biology, Kennesaw State University, GA
2012 Program in Ecology & Evolution, University of Massachusetts, Amherst, MA
Department of Biology, University of New Orleans, LA
Museum of Natural Science, Louisiana State University, Baton Rouge, LA
Colegio de Ciencias Biológicas, Universidad San Francisco de Quito, Ecuador
2011 Biological Sciences, University of Central Florida, Orlando, FL
Department of Biology, Florida International University, Miami, FL
2010 Behav., Ecol., Evol. & Syst. Program, Univ. of Maryland, College Park, MD
Department of Biology, Union College, Schenectady, NY
Department of Biology, Florida State University, Tallahassee, FL
Department of Biology, University of Nebraska, Lincoln, NE
Department of Biology, University of Miami, Coral Gables, FL
2009 Department of Neurobiology & Behavior, Cornell University, NY
2008 Department of Biology, University of Rochester, NY
Department of Biology, University of Akron, OH

INVITED COLLOQUIM & SYMPOSIUM SPEAKER (continued)

2007 Neotropical Ornithological Congress, Invited symposium speaker for "Advances in Sexual Selection Theory", Maturin, Venezuela
American Ornithological Union, Invited symposium speaker for "Speciation in Passerine Birds", Laramie, WY
2006 Biology Department, University of Kentucky at Lexington, KY
Dept of Ecology, Evolution & Natural Resources, Rutgers University, NJ.
Ecology, Evolution and Behavior, Queens University, Ontario, Canada
2005 Dept. of Ecol, Evol & Behav. University of California at Santa Cruz
Dept. of Ecology & Evolutionary Biology, University of Colorado at Boulder
Department of Ecology and Evolution, University of Rochester, NY
2003 Center for Population Biology, University of California at Davis
Blandy Experimental Farm, University of Virginia, Boyce, VA
2002 Dept of Ecology, Evol & Marine Biology, University of California at Santa Barbara
Department of Biology, University of California at Riverside
Museum of Vertebrate Zoology, University of California at Berkeley
2002 Dept. of Ecology, Evolution & Behavior, University of Minnesota at St. Paul
2001 Department of Biology, San Francisco State University, California
Division of Biology, University of California at San Diego
Department of Biology, Syracuse University, NY
2000 Molecular Genetics Laboratory, National Zoo, Washington, D.C.
Department of Zoology & Entomology, Univ of Queensland, Brisbane, Australia

MENTORING

Postdoctoral scholar

2024- Lan-Nhi Phung
2020-2024 Elsie Shogren, NSF Fellow (currently Assistant Professor at Wake Forest University)
2014-2016 Daniel T. Baldassarre, NSF Fellow (currently Associate Professor at SUNY Oswego)
2013-2015 Jaime A. Chaves (currently Associate Professor at San Francisco State University)
2011-2014 Elizabeth A. Cooper (currently Associate Professor at UNC Charlotte)

Graduate students

2020- María Isabel Castaño
2024- Jiwon Heo
2016-2022 Emily Powell (currently an Assistant Professor of Instruction at Texas Tech University)
2016-2021 Diego Ocampo, Ph.D. (currently Curator of Birds, Museum of Vertebrate Zoology at the University of California, Berkeley)
2013-2020 Winter Beckles, Ph.D. (currently a Senior Lecturer at the University of Miami)
2012-2017 Sarah Cowles, Ph.D. (currently Associate Director, Interdisciplinary Biological Sciences Program at Northwestern University)
2011-2016 Jason Sardell, Ph.D. (currently VP of Population Genetics, PrecisionLife Ltd, UK)
2014-2016 Doug Weidemann, M.S. (currently Lab Technician at Virginia Tech University)
2006-2011 Jorge Luis Hurtado-Gonzales, Ph.D. (currently Staff Scientist with Environment & Climate Change Canada)
2006-2011 Ellen Wisner, Ph.D. (currently Teaching Professor at UNC Charlotte)
2009-2010 Jelmer Poelstra, M.S. (currently Bioinformatics Lead at Ohio State University)
2004-2009 Adam C. Stein, Ph.D. (currently Assistant Teaching Professor at ASU, POLY campus)

Undergraduate students at the University of Rochester

2023- Carlina Velicer (class of 2026)
2023-2024 Elizabeth Croyle (class of 2024)
2023-2024 Ethan McKone (class of 2024)
2021-2024 Paula Brown (class of 2024)

Undergraduate Students at the University of Miami and Syracuse University

Peter Aronson	[2019-2020]	Vincent Skovira	[2009-2011]
Anastasia Plotnikova	[2019-2020]	Ilyana Rahman	[2009-2010]
Blanca Bazan	[2015-2016]	Fabian Wagner	[2009-2010]
Laura Diaz	[Summer 2015]	Krystyna Rotella	[2008-2010]
Nicole Palma	[2013-current]	Jaime Bunting	[2009-2010]
Christine DeSilva	[2013-current]	Alexa Gonzalez	[2009-2010]
Stephen Cutie	[2013-current]	Daniel Baldassarre	[2006-2008]
Kathryn Braddock	[2014-2015]	Edith Dooley	[2006- 2008]
Ashley Robins	[2014-2015]	Carlos Montalvo	[2006- 2008]
Daniel Franco	[2013-2015]	David Kelley	[2006 - 2007]
Francis Oliver	[2011]	Ryan Mackie	[2006 - 2007]
Moira Concannon	[2009-2011]	Mark J. Kielecki	[2005-2006]
Katelyn Heim	[2009-2011]	Desiree Narango	[2005-2006]

High School Students

Alexa Bishopric	[2015, HHMI Scholar]
Chrishera Smith	[2015, HHMI Scholar]