

STEPHANIE M. AGUILLON

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Education:

PhD	Cornell University, Department of Ecology and Evolutionary Biology Advisors: Irby J. Lovette and Richard G. Harrison (deceased)	2014–pres.
MS	University of Arizona, Department of Ecology and Evolutionary Biology Advisor: Renée A. Duckworth	2014
BS	University of Arizona, Department of Ecology and Evolutionary Biology Summa Cum Laude and with Honors Honors Thesis Advisor: Renée A. Duckworth	2013

Publications:

8. **Aguillon, SM***, G-F Siegmund*, RH Petipas, AG Drake, S Cotner, CJ Ballen. *In press*. Gender differences in student participation in an active learning classroom. *CBE—Life Sciences Education* (*equal contribution)
7. Ballen, CJ, **SM Aguillon**, A Awwad, AE Bjune, D Challou, AG Drake, M Driessen, A Ellozy, VE Ferry, EE Goldberg, W Harcombe, S Jensen, C Jørgensen, Z Koth, S McGaugh, C Mitry, B Mosher, H Mostafa, RH Petipas, PAG Soneral, S Watters, D Wassenberg, SL Weiss, A Yonas, KR Zamudio, S Cotner. 2019. Smaller classes promote equitable student participation in STEM. *BioScience* 69(8): 669-680.
6. Predick, KI, SR Archer, **SM Aguillon**, DA Keller, HL Throop, PW Barnes. 2018. UV-B radiation and shrub canopy effects on surface litter decomposition in a shrub-invaded dry grassland. *Journal of Arid Environments* 157(2018): 13-21.
5. Ballen, CJ, **SM Aguillon**, R Brunelli, AG Drake, D Wassenberg, SL Weiss, KR Zamudio, S Cotner. 2018. Do small classes in higher education reduce performance gaps in STEM? *BioScience* 68(8): 593-600.
4. **Aguillon, SM**, L Campagna, RG Harrison, IJ Lovette. 2018. A flicker of hope: Genomic data distinguish Northern Flicker taxa despite low levels of divergence. *The Auk: Ornithological Advances* 135(3): 748-766.
Popular press about this article: [All About Birds](#), [The Auk](#), [Avian Hybrids](#)
3. **Aguillon, SM**, JW Fitzpatrick, R Bowman, SJ Schoech, AG Clark, G Coop, N Chen. 2017. Deconstructing isolation-by-distance: the genomic consequences of limited dispersal. *PLOS Genetics* 13(8): e1006911. (cover article)
Popular press about this article: [The Molecular Ecologist](#), [PLOS Biologue](#), [F1000](#)
2. Duckworth, RA and **SM Aguillon**. 2015. Eco-evolutionary dynamics: investigating multiple pathways linking changes in behavior, population density and natural selection. *Journal of Ornithology* 256 (Suppl 1): S115-S124.
1. **Aguillon, SM** and RA Duckworth. 2015. Kin aggression and resource availability influence phenotype-dependent dispersal in a passerine bird. *Behavioral Ecology and Sociobiology* 69(4): 625-633.

—In Review—

1. Mikles, CS±, **SM Aguilon**, YL Chan, P Arcese, PM Benham, IJ Lovette, J Walsh. *In revision (Molecular Ecology)*. Genomic differentiation and local adaptation on a microgeographic scale in a resident songbird. (±undergraduate author)

Other Published Works:

2. **Aguillon, SM**. 2019. Fighting through the gray. *Science* 363(6431): 1114.
1. **Aguillon, SM** and IJ Lovette. 2019. AOS North American Classification Committee (NACC) Proposal (2019-A-10): Change the specific/subspecific/morphological group name of the Red-shafted Flicker from *cafer* to *lathamii*.
<http://checklist.aou.org/assets/proposals/PDF/2019-A.pdf>

Fellowships, Grants, and Awards:

Fellowships (\$251,499+):

Fellowship Top-Up, <i>Cornell University</i> (\$7,218 + tuition, healthcare)	2019
AAUW American Dissertation Fellowship (\$20,000)	2019
Provost Diversity Fellowship, <i>Cornell University</i> (\$15,233 + tuition, healthcare)	2018
Ivy Fellowship, <i>Cornell Lab of Ornithology</i> (\$5,300)	2017
SUNY Graduate Diversity Fellowship (\$65,748 + tuition, healthcare)	2014
NSF Graduate Research Fellowship (\$138,000)	2013

Grants (\$47,760):

Cornell Lab of Ornithology Athena Fund (\$5,000)	2019
American Ornithological Society Hesse Award (\$2,000)	2018
Richard G. Harrison Fund, <i>Cornell University</i> (\$1,200)	2018
Cornell Lab of Ornithology Athena Fund (\$8,160)	2018
Richard G. Harrison Fund, <i>Cornell University</i> (\$1,200)	2017
Andrew W. Mellon Student Research Grant, <i>Cornell University</i> (\$1,000)	2017
Cornell Lab of Ornithology Athena Fund (\$12,000)	2017
Richard G. Harrison Fund, <i>Cornell University</i> (\$1,200)	2016
Cornell Sigma Xi Grant in Aid of Research (\$600)	2016
Sally Merrill Sutcliffe Endowment, <i>Cornell Lab of Ornithology</i> (\$1,500)	2016
Betty Miller Francis '47 Fund for Field Research, <i>Cornell University</i> (\$2,700)	2016
Garden Club of America Peacock Scholarship for Native Bird Habitat (\$4,500)	2016
Cornell Lab of Ornithology Athena Fund (\$3,000)	2015
Paul P. Feeny Graduate Student Research Fund, <i>Cornell University</i> (\$1,200)	2015
Wilson Ornithological Society Research Award (\$1,500)	2015
Andrew W. Mellon Student Research Grant, <i>Cornell University</i> (\$1,000)	2015

Awards:

Cornelia Ye Outstanding Teaching Assistant Award, <i>Cornell University</i> (\$500)	2017
Frances F. Roberts Student Presentation Award, <i>Cooper Ornithological Society</i> (\$300)	2014

Galileo Circle Scholar Award, <i>University of Arizona</i> (\$500)	2013
Ecology and Evolutionary Biology Outstanding Senior, <i>University of Arizona</i>	2013

Presentations:

(** invited presentation)

**American Ornithological Society, Anchorage, AK	2019
**Connecting Research and Teaching, Ithaca, NY	2019
**Cornell University EvoGroup Seminar, Ithaca, NY	2018
Evolution, Montpellier, France (poster)	2018
American Ornithological Society, Tucson, AZ	2018
British Ornithologists' Union Twitter Conference #BOU17TC	2017
American Ornithological Society, East Lansing, MI (talk and poster)	2017
Evolution, Portland, OR (poster)	2017
Teaching as Research, Ithaca, NY (poster)	2017
**Cornell University Ornithology Seminar, Ithaca, NY	2016
North American Ornithological Congress VI, Washington D.C.	2016
Evolution, Austin, TX (talk presented by co-author)	2016
Evolution, Guarujá, Brazil (poster)	2015
American Ornithologists' Union, Estes Park, CO	2014
American Ornithologists' Union, Chicago, IL (poster)	2013
Ecological Society of America, Portland, OR (poster)	2012

Teaching Experience:

History, Literature, and Science of the Galápagos Islands (WRIT 1430) <i>Instructor of Record and Trip Leader, Cornell University</i>	Spring 2017
Introduction to Evolutionary Biology and Diversity (BIOEE 1780) <i>Teaching Assistant, Cornell University</i>	Fall 2016
History, Literature, and Science of the Galápagos Islands (WRIT 1430) <i>Writing Coach and Trip Leader, Cornell University</i>	Spring 2016
Ornithology (ECOL 484) <i>Course Assistant, University of Arizona</i>	Spring 2014
Preparation for University-Level Mathematics (MATH 100) <i>Instructor and Undergraduate Teaching Assistant, University of Arizona</i>	Fall 2011–Spring 2013

Guest Lectures:

Ornithology (BIOEE 4750), Hybridization and Speciation	Spring 2020
Ornithology (ECOL 484), Evolution of Sociality	Spring 2014

Service and Engagement:

Reviewer (16 total): *Ardea*, *Animal Behaviour*, *The Auk: Ornithological Advances*, *Behavioral Ecology*, *Behavioral Ecology and Sociobiology*, *The Biological Journal of the Linnean Society*, *Evolution*, *Molecular Ecology*, *Scientific Reports*, *Systematic Biology*, *The Wilson Journal of Ornithology*

Symposium Organizer 2019
American Ornithological Society Annual Meeting (Anchorage, AK)
Co-organizer of the symposium “Lessons from avian hybrid zones and the maintenance of species boundaries” with Jennifer Walsh and Gemma Clucas, included 12 talks

Panel: Leveraging Social Media in Science 2019
Invited Panelist, Dept. Ecology and Evolutionary Biology, Cornell University

Diversity Preview Weekend (DPW) 2016-2018
Lead Organizer, Cornell University
DPW is an event that brings in students from underrepresented backgrounds who are interested in pursuing graduate school to participate in workshops, meet faculty, and learn about the application process. In 2017, I led the advertising committee and helped lead two workshops. In 2018, I coordinated the organization of the entire weekend (inviting 40 students from 16 states, Guam, and Puerto Rico with full funding).

EvoGroup 2015-2018
President and Symposium Organizer, Cornell University
EvoGroup is a graduate-led organization that brings together evolutionary biologists in the Cornell community. I led the day-to-day organization of monthly seminars and workshops, and was the primary organizer of EvoDay 2015 and supervised the organization of EvoDay 2016 and 2017. EvoDay typically includes 14 talks and 120+ attendees.

Panel: Diverse Graduate Student Experiences 2018
Invited Panelist, Doris Duke Conservation Scholars, Cornell University

FemSTEM Mentoring Program 2017
Graduate Student Mentor, Cornell University

Ecology and Evolutionary Biology Departmental Symposium 2016
Co-Organizer, Cornell University

Expanding Your Horizons (EYH) Conference 2015-2017, 2019
Workshop Leader and General Volunteer, Cornell University

Graduate Students Mentoring Undergraduates (GSMU) Program 2015-2017
Graduate Student Mentor, Cornell University

Professional Societies:

American Genetic Association (joined 2017); American Ornithological Society (2013); American Society of Naturalists (2015); Phi Beta Kappa (2012); Society for the Study of Evolution (2015); Wilson Ornithological Society (2013)