

Nicholas A. Mason

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EDUCATION:

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|------------|---|---------------------|
| PhD | Cornell University, Dept. of Ecology and Evolutionary Biology
Advisor: Dr. Irby J. Lovette | Aug 2012 – Present |
| MSc | San Diego State University, Dept. of Biology, Evolutionary Biology Program
Advisor: Dr. Kevin J. Burns | Aug 2009 – Aug 2012 |
| BA | Vassar College, Dept. of Biology, Honors
Honors Thesis Advisor: Dr. Erica J. Crespi | Aug 2004 – May 2008 |

PUBLICATIONS:

– Forthcoming (in review, in revision, or in press) –

19. **Mason, N.A.**, Brunner, R., Ballen, M.C., and I.J. Lovette. In review. Cognitive and Social Benefits Among Underrepresented First-year Biology Students in a Field Course: A Qualitative Case Study of Experiential Learning in the Galápagos. *Frontiers: International Journal of Study Abroad*.
18. Goldberg, N.R.* and **N.A. Mason**. In review. Identification of vagrants from cryptic species complexes via non-invasive DNA sequencing. *Wilson Journal of Ornithology*.
17. Ballen, M.C. and **N.A. Mason**. In press. Longitudinal analysis of a diversity support program in STEM: a national call for further assessment. *BioScience*.
16. **Mason, N.A.**, Burns, K.J., Seddon, N., Tobias, J., Claramunt, S., and E.P. Derryberry. In press. Song evolution, speciation, and vocal learning in passerine birds. *Evolution*.
15. **Mason, N.A.** In press. Effects of wind, ambient temperature, and sun position on damselfly flight activity and perch orientation. *Animal Behaviour*.

– 2016 –

14. Ligon, R., Simpson, R., **Mason, N.A.**, Hill, G., and K. McGraw. 2016. Evolutionary innovation and diversification of carotenoid-based pigmentation in finches. *Evolution* 70:2839–2852.
13. **Mason, N.A.**, Butler, M.W., and J.C. Owen. 2016. Membership trends in the American Ornithologists' Union and the evolving role of professional ornithological societies. *The Auk: Ornithological Advances* 113:806–811.
12. Zamudio, K., Bell, R.C., and **N.A. Mason**. 2016. Phenotypes in phylogeography: species' traits, environmental variation, and vertebrate diversification. *Proceedings of the National Academy of Sciences USA* 113:8041–8048.
11. Burns, K.J., Unitt, P., and **N.A. Mason**. 2016. A genus-level classification of the family Thraupidae (Class Aves: Order Passeriformes). *Zootaxa* 4088: 329–354.
10. Toews, D.P.L.[†], Campagna, L.[†], Taylor, S.A.[†], Balakrishnan, C.N., Baldassarre, D.T., Deane-Coe, P.E., Harvey, M.G., Hooper, D.M., Irwin, D.E., Judy, C.D., **Mason, N.A.**, McCormack, J.E., McCracken, K.G., Oliveros, C.H., Safran, R.J., Scordato, E., Stryjewski, K.F., Tigano, A., Uy, A.J., and B. Winger. 2016. Genomic approaches to understanding population divergence and speciation in birds. *The Auk: Ornithological Advances* 133:13–30.

– 2015 –

9. Freeman, B.G.[†] and **N.A. Mason**[†]. 2015. The geographic distribution of a tropical montane bird is limited by a tree: Acorn Woodpeckers (*Melanerpes formicivorus*) and Colombian Oaks (*Quercus humboldtii*) in the northern Andes. *PLoS One* 10(6):e0128675.
8. **Mason, N.A.** and S.A. Taylor. 2015. Differentially expressed genes match bill morphology and plumage despite largely undifferentiated genomes in a Holarctic songbird. *Molecular Ecology* 24:3009–3025.[‡]

*Undergraduate coauthor

[†]Equal author contributions

[‡]Popular press coverage: [1](#), [2](#), [3](#), [4](#), [5](#), [6](#), [7](#), [8](#), [9](#) and [Perspective in Molecular Ecology](#)

7. Barve, S.S.[†] and N.A. Mason[†]. 2015. Interspecific competition affects evolutionary links between cavity nesting, migration, and clutch size in Old World flycatchers. (Muscicapidae) *Ibis* 157:299–311.*
6. Mason, N.A. and K.J. Burns. 2015. The effect of habitat and body size on the evolution of vocal displays in the largest family of songbirds (Aves: Thraupidae). *Biological Journal of the Linnean Society* 114:538–551.

– 2014 –

5. Freeman, B.G. and N.A. Mason. 2014. New Guinean passerines have globally small clutch sizes. *Emu – Austral Ornithology* 114:304–308.
4. Mason, N.A., Shultz, A.J., and K.J. Burns. 2014. Elaborate visual and acoustic signals evolve independently in a large, phenotypically diverse radiation of songbirds. *Proceedings of the Royal Society B* 281:20140967.[†]
3. Burns, K.J., Shultz, A.J., Title, P.O., Mason, N.A., Barker, F.K., Klicka, J., Lanyon, S.M., and I.J. Lovette. 2014. Phylogenetics and diversification of tanagers (Passeriformes: Thraupidae), the largest radiation of Neotropical songbirds. *Molecular Phylogenetics and Evolution* 75:41–77.
2. Mason, N.A., Title, P.O., Cicero, C., Burns, K.J., and R.C.K. Bowie. 2014. Genetic variation among western populations of the Horned Lark (*Eremophila alpestris*) indicates recent colonization of the Channel Islands off southern California, mainland-bound dispersal, and postglacial range shifts. *The Auk: Ornithological Advances* 131:162–174.

– 2013 –

1. Mason, N.A. and K.J. Burns. 2013. Molecular phylogenetics of the Neotropical seedeaters and seed-finches (*Sporophila*, *Oryzoborus*, *Dolospingus*). *Ornitología Neotropical* 24:139–155.[‡]

BOOK CHAPTERS:

1. Mason, N.A., Pasch, B., Burns, K.J., and E.P. Derryberry. In press. Integrating museum and media collections to study vocal evolution in M. Webster (editor), *The extended specimen: emerging frontiers in collections-based ornithological research*, University of California Press, Berkeley, CA.

OTHER WRITTEN WORKS:

10. Mason, N.A. and I.J. Lovette. 2016. NACC Proposal (2016-B-7): Transfer White-thighed Swallow *Neochelidon tibialis* and Black-capped Swallow *Notiochelidon pileata* to *Atticora*.
<http://checklist.aou.org/assets/proposals/PDF/2016-B.pdf>
9. Mason, N.A. and I.J. Lovette. 2016. NACC Proposal (2016-B-6): Split Costa Rican Warbler *Basileuterus melanotis* and Tacarcuna Warbler *B. tacarcunae* from Three-striped Warbler *B. tristriatus*.
<http://checklist.aou.org/assets/proposals/PDF/2016-B.pdf>
8. Mason, N.A. and K.J. Burns. 2016. NACC Proposal (2016-B-5): Recognize new subfamilies of tanagers.
<http://checklist.aou.org/assets/proposals/PDF/2016-B.pdf>
7. Mason, N.A. and S.A. Taylor. 2016. NACC Proposal (2016-A-3): Lump Common Redpoll *Acanthis flammea* and Hoary Redpoll *A. hornemanni* into a single species.
<http://www.gizard.org/nacc/proposals/PDF/2016-A.pdf>
6. Mason, N.A. 2014. NACC Proposal (2014-C-4): Revise the taxonomy and linear sequence for species of *Sporophila* and *Oryzoborus*: (a) merge *Oryzoborus* into *Sporophila*, and (b) change the linear sequence of species of *Sporophila* (and *Oryzoborus*).
<http://www.aou.org/committees/nacc/proposals/2014-C.pdf>
5. Mason, N.A. and J.V. Remsen. 2013. SACC Proposal (605): Change linear sequence of species in *Sporophila*.
<http://www.museum.lsu.edu/Remsen/SACCprop605.htm>
4. Mason, N.A. 2013. SACC Proposal (604): Merge *Oryzoborus* and *Dolospingus* into *Sporophila*.
<http://www.museum.lsu.edu/Remsen/SACCprop604.htm>

*Popular press coverage:1

[†]Popular press coverage:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32

[‡]Selected as an *Editor's Choice*

3. **Mason, N.A.**. 2012. Song complexity and its evolutionary correlates across a continent-wide radiation of songbirds. *M.Sc. Thesis* <http://sdsu-dspace.calstate.edu/handle/10211.10/2335>.
2. **Mason, N.A.** and K.J. Burns. 2010. Giant Conebill (*Oreomanes fraseri*), Neotropical Birds Online (T. S. Schulenberg, Editor). Ithaca: Cornell Lab of Ornithology; retrieved from Neotropical Birds http://neotropical.birds.cornell.edu/portal/species/overview?p_p_spp=589196.
1. **Mason, N.A.** and K.J. Burns. 2010. Speckled Tanager (*Tangara guttata*), Neotropical Birds Online (T. S. Schulenberg, Editor). Ithaca: Cornell Lab of Ornithology; retrieved from Neotropical Birds http://neotropical.birds.cornell.edu/portal/species/overview?p_p_spp=609036.

FELLOWSHIPS, GRANTS, SCHOLARSHIPS AND AWARDS:

Fellowships:

EPA STAR Fellowship	2015–2016
Cornell Lab of Ornithology Halberstadt Graduate Fellowship	2014
Cornell University Fellowship	2012–2013
California State University Predoctoral Fellowship	2010–2011
NSF Graduate Research Fellowship Honorable Mention (x2)	2010, 2011

Grants:

NSF Doctoral Dissertation Improvement Grant (\$20,001)	2016
Cornell Sigma Xi Grant in Aid of Research (\$700)	2015
American Society of Naturalists Student Research Grant (\$2000)	2015
Andrew W. Mellon Student Research Grant (\$1000, \$1000)	2014, 2015
Sustainable Biodiversity Fund from the Atkinson's Center for a Sustainable Future (\$5060)	2015
Cornell Lab of Ornithology Athena Fund (\$3000)	2014
Graduate Student Research Award from the Society of Systematic Biologists (SSB) (\$2000)	2014
Society for the Study of Evolution (SSE) Rosemary Grant Graduate Student Research Award (\$2500)	2014
AMNH Frank M. Chapman Memorial Fund (\$1708)	2014
Betty Miller Francis '47 Graduate-Undergraduate Collaboration Grant (\$1520)	2014
Garden Club of America Frances M. Peacock Scholarship (\$4000)	2014
National Geographic Young Explorers Grant (\$4995)	2013
Cornell Lab of Ornithology Athena Fund (\$5278)	2013
Kieckhefer Adirondacks Fund, Cornell University (\$3000)	2013
Systematics Research Fund Award (\$1400)	2013
AOU Student Research Award (\$2495)	2013
Paul P. Feeny Graduate Student Research Fund, Cornell University (\$500)	2013
National Sigma Xi Grant in Aid of Research (\$500)	2013
Cornell Lab of Ornithology Athena Fund (\$5450)	2012
Collins Student Research Award, Vassar College (\$500)	2008

Awards and Accolades:

1st place overall – Harry W. Greene Grilled Cheese Competition, Cornell University	2016
Cornelia Ye Outstanding Teaching Assistant Award	2014
AOU/COS/CSO Student Presentation Award	2014
Slevin Assignment Sequence Prize – Knight Institute for Writing, Cornell University	2014
Whittaker Award – Best Graduate Student Presentation at EEB Symposium, Cornell University	2013
Book Award – Best Presentation by a First Year Student at EEB Symposium, Cornell University	2012

Scholarships:

Nancy Skinner Clark Fellowship, Vassar College (\$1300; \$2000)	2014, 2015
Crouch Scholarship for Avian Behavior, San Diego State University (\$3000)	2011
Mabel Meyers Memorial Scholarship, San Diego State University (\$2000)	2011

Travel Awards:

Cornell Graduate School Research Travel Award x2 (\$1550; \$1350)	2014, 2015
Cornell Graduate School Conference Travel Award (x3; \$1170 total)	2013, 2014, 2015
AOU/COS Meeting in Norman, OK Student Travel Award (\$400)	2015
AOU/COS/CSO Meeting in Estes Park, CO Student Travel Award (\$410)	2014
SSE Phylogenomics Symposium and Software School Travel Award, UTexas Austin (\$250)	2014
Einaudi Center International Research Travel Grant (\$600)	2014
Cornell Center for Vertebrate Genomics Travel Award (\$500)	2014
Orenstein Endowment Travel Award, Cornell University (\$750)	2013
3CPG Travel Award, Cornell University (\$750)	2013
NAOC-V Student Travel Award (\$500)	2012
Society for the Study of Evolution Student Travel Award (\$500)	2010
IRA Student Travel Award, San Diego State University	2010

PRESENTATIONS:

Conference Presentations:

- Mason, N.A.,** Olvera-Vital, A., and A. Navarro-Sigüenza. 2016. Endemism in the Pacific lowlands of Mexico: Phylogeography of the White-collared Seedeater (*Sporophila torqueola*). *NAOC 2016*. Washington, D.C.
- Mason, N.A.,** Burns, K.J., Seddon, N., Tobias, J.A., Claramunt, S., and E.P. Derryberry. 2015. Evolutionary rate heterogeneity among learned and innate vocalizations across two prominent clades of Neotropical passerines (Thraupidae, Furnariidae). *AOU/COS 2015*. Norman, Oklahoma.
- Mason, N.A.** and S.A. Taylor. 2014. Phenotypic diversification without speciation in a Holarctic songbird. *AOU/COS/SCO 2014*. Estes Park, Colorado.
- Mason, N.A.** and S.A. Taylor. 2014. Differentially expressed genes unite phenotypes despite undifferentiated anonymous loci in the phenotypically diverse redpoll finches (*Acanthis*). *Evolution 2014*. Raleigh, North Carolina.
- Mason, N.A.,** A.J. Shultz, and K.J. Burns. 2013. Combining museum and media collections to study multimodal sexual signaling and acoustic adaptations in tanagers (Thraupidae). *AOU/COS 2013*. Chicago, Illinois.
- Mason, N.A.,** A.J. Shultz, and K.J. Burns. 2012. Evolutionary patterns and correlates of avian vocalizations in a continent-wide radiation of songbirds (Thraupidae). *NAOC-V 2012*. Vancouver, Canada.*
- Mason, N.A.,** A.J. Shultz, and K.J. Burns. 2011. Diversification rates and phenotypic evolution in the Neotropical seedeaters (*Sporophila*). *AOU/COS 2011*. Jacksonville, Florida.
- Mason, N.A.,** A.J. Shultz, and K.J. Burns. 2011. Diversification rates and phenotypic evolution in the Neotropical seedeaters (*Sporophila*). *Evolution 2011*. Norman, Oklahoma.
- Mason, N.A.** and K.J. Burns. 2010. Elucidating patterns of song evolution in a clade of lowland tanagers. *Evolution 2010*. Portland, Oregon.

Invited Presentations:

- Mason, N.A.** 2016. Wind induces rheotaxis and reduces flight activity in a widespread damselfly. *Sigma Xi Research Symposium*. Ithaca, NY.
- Mason, N.A.,** Olvera-Vital, A., and A.G. Navarro-Sigüenza. 2015. Endemism in the Pacific lowlands of Mexico: phylogeography of the white-collared seedeater (*Sporophila torqueola*). *40th Cornell EEB Departmental Symposium*. Ithaca, New York.
- Mason, N.A.** 2015. Investigaciones de la evolución de rasgos, diversificación, y límites de especies en aves. *Universidad de los Andes*. Bogotá, Colombia.†
- Mason, N.A.** 2015. Evolución de las vocalizaciones y diversificación en las tangaras (Aves: Thraupidae). *Universidad Autónoma de México*. Mexico City, Mexico.†
- Mason, N.A.** 2015. Following Darwin's Footsteps: Assessing Cognitive and Social Gains of Experiential Learning in the Galápagos. *Center for the Integration of Research, Teaching and Learning Online Symposium on Teaching as Research*.

*Poster presentation

†Presented in Spanish.

- Mason, N.A.** and B.G. Freeman. 2014. The geographic distribution of a tropical montane bird is limited by a tree: Acorn Woodpeckers (*Melanerpes formicivorus*) and Colombian oaks (*Quercus humboldtii*) in the Northern Andes. *39th Cornell EEB Departmental Symposium*. Ithaca, NY.
- Mason, N.A.**, Title, P.O., Cicero, C., Burns, K.J., and R.C.K. Bowie. 2014. Phylogeography of the Horned Lark (*Eremophila alpestris*) in the western United States and Channel Islands off of Southern California. *Sigma Xi Research Symposium*. Ithaca, NY.
- Mason, N.A.** and Taylor, S.A. 2013. A high-throughput perspective on species limits within the phenotypically diverse redpoll complex (*Acanthis*). *38th Cornell EEB Departmental Symposium*. Ithaca, NY.
- Mason, N.A.** 2013. What is a tanager? Exploring a diverse, redefined family of Neotropical Birds. *Connie Wilkins Bird Lecture – Lime Hollow Center for the Environment and Culture, SUNY Cortland Biology Club*. Cortland, NY.
- Mason, N.A.** 2013. Complex colors and simple songs? Exploring the evolutionary relationships between song, color and habitat in tanagers. *Cayuga Bird Club Monthly Seminar Series*. Ithaca, NY.
- Mason, N.A.**, A.J. Shultz, and K.J. Burns. 2013. Multimodal sexual signaling and acoustic adaptations in tanagers (Thraupidae). *EvoGroup Seminar Series, Cornell University*. Ithaca, NY.
- Mason, N.A.** 2012. The glories of birdsong. *San Diego Audubon Society*. San Diego, California.
- Mason, N.A.** 2011. Understanding avian vocalizations and their evolutionary patterns. *San Diego Field Ornithologists*. San Diego, California.
- Mason, N.A.**, A.J. Shultz, and K J. Burns. 2011. Diversification rates and phenotypic evolution in Neotropical seedeaters (*Sporophila*). *BioFest 2011 Departmental Symposium, San Diego State University*. San Diego, California.
- Mason, N.A.** and E. J. Crespi. 2008. The role of nutritive condition in disease susceptibility of *Xenopus laevis*. *Vassar Student Research Symposium*. Poughkeepsie, New York.

TEACHING EXPERIENCE:

Métodos de Secuenciación de Nueva Generación y su Aplicación a la Ecología Molecular[†] Summer 2015
Universidad Autonoma de México

WRIT 1430: The Enchanted Isles Spring 2015
Cornell University

WRIT 7100: Teaching Writing Fall 2015
Cornell University

I co-facilitated a course with Knight Writing Institute staff member, Tracy Carrick, that oriented incoming instructors to the First-year Writing Seminar program at Cornell University. In addition to planning daily class activities, I facilitated class discussions, provided feedback to students on writing assignments, and engender discourse on effective pedagogical approaches to teaching writing.

BioEE 1780: Evolutionary Biology and Diversity – Writing in the Majors Galápagos Track Spring 2014
Cornell University

I developed curriculum for a Writing in the Majors section of BioEE 1780: Introduction to Evolutionary Biology that was focused on the Galápagos Islands as a way to teach students the basic principles of evolutionary biology first-hand. This WIM section was specially geared towards participants in Cornell Biology Scholar's program, which supports students of underrepresented demographics that are majoring in biology. This course involved three essays, four quizzes, four assignments, and multiple smaller writing prompts. Additionally, this course featured a week-long field expedition to the Galápagos over spring break, which allowed students to experience evolutionary phenomena in person.

BioEE 1640: First-year Writing Seminar: On the Origin and Future of Biodiversity – Instructor Fall 2013
Cornell University

I designed and taught a First-year Writing Seminar that was jointly supported by the Lab of Ornithology and the Knight Writing Institute at Cornell. I constructed a sequence of six essays that focused on writing skills in the sciences. These assignments covered a variety of different types of writing, including research papers, narratives and perspective pieces. In addition to improving students' ability to write about science for different audiences, in-class assignments and lectures focused on improving mechanical aspects of writing such as diction, grammar, and organization. I was awarded a James Slevin Assignment Sequence Prize from the Cornell Knight Writing Institute for a sequence of three essays associated with this class.

BioEE 2650: Tropical Field Ecology and Behavior – Co-instructor January 2013
Cornell University

Alongside co-instructors Irby Lovette, Brian Lazarro, David Bonter and Ginny Howick, I co-led a field course at the Mpala Research Center in central Kenya. Emphasized topics included experimental design, scientific writing, critiquing scientific literature, and learning about the natural history of Kenya's diverse flora and fauna.

Introduction to Evolutionary Analyses with R Workshop – Co-instructor Summer 2012
San Diego State University

In conjunction with co-instructor Pascal Title, designed and implemented a three day workshop that introduced students to the basic skills needed to read data sets, manipulate phylogenies, and carry out comparative analyses within the R programming environment.

Biol101L: The World of Animals – Teaching Associate Fall 2009 – Spring 2012
San Diego State University

Taught the lab portion of a zoology course for nonmajors. Teaching responsibilities included lecture preparation, designing quizzes, grading coursework, student mentoring, and responding in a timely manner to student inquiries.

Biol524: Ornithology – Guest Lecturer Spring 2011
San Diego State University

Gave a guest lecture on the production, qualitative and quantitative descriptions, and evolutionary patterns of avian vocalizations. Designed and implemented a lab activity wherein students described songs using different methods to develop and improve their ability to identify birds by ear.

ADDITIONAL RESEARCH AND FIELD EXPERIENCE:

Nebraska Hybrid Zone Collecting Trip July 2016
Cornell University Museum of Vertebrates

I participated in a collecting trip to resample historic collecting sites of the great plains hybrid zones of five different species pairs: Spotted and Eastern Towhee, Bullock's Oriole and Baltimore Oriole, Black-headed Grosbeak and Rose-breasted Grosbeak, Yellow-shafted Flicker and Red-shafted Flicker, and Lazuli and Indigo Bunting. I shot and mist-netted birds, prepared specimens, and assisted in field camp logistics.

Adirondacks General Collecting Trip June 2015, May 2013
Cornell University Museum of Vertebrates

Organized and led multiple general collecting trips in the Adirondacks, including one expedition to the Shingle Shanty Preserve in Hamilton County and another to the Uhlein Potato Farm near Lake Placid in Essex County. The goal of these expeditions were to survey and collect vouchered specimens of birds and small mammals of the Adirondacks. We deployed mist nets, collected birds by shotgun, and trapped small mammals using Longworth and Sherman traps. We also archived audio recordings in the Macaulay Library.

Oaxaca, Mexico Targeted and General Collecting Trip July 2014
Cornell University Museum of Vertebrates

Organized and led a general collecting trip to three sites in Mexico: Parque Nacional Lagunas de Chacahua, Parque Nacional Huatulco, and Mitla in the Oaxaca Valley. This collecting trip was done in collaboration with Marco Ortiz, Arturo Vital, Marisol Ocampo, and Dr. Adolfo Navarro of UNAM. Mary Margaret Ferraro attended as an undergraduate field assistant. I organized paperwork proper export and import of approximately 90 skins and 200 tissues.

Grinnell Centennial Resurvey Project – Field Assistant October 2010, August 2012
San Diego Natural History Museum

Assisted Curator Phil Unitt and the SDNHM in resurveying the avian diversity of the San Jacinto Mountains through mist-netting, specimen collection and preparation. Also assisted in collection of mammals and herps via pitfall, Sherman and tomahawk traps. Localities: Garnet Queen Mine and Strawberry Valley, Riverside County, California.

Grinnell Centennial Resurvey Project – Field Assistant July 2011
University of California, Museum of Vertebrate Zoology

Assisted Faculty Curator Dr. Rauri Bowie, Staff Curator Carla Cicero, and the MVZ in resurveying the avian diversity of the northern Sierra Nevada Mountains through mist-netting, specimen collection and preparation. Locality: Papoose Meadow, Lassen County, California.

Visiting Graduate Student

Summer 2011

University of California, Museum of Vertebrate Zoology

Learned how to perform DNA extractions, primer optimization, Sanger sequencing, and microsatellite genotyping to undertake a project on the phylogeography of Horned Larks (*Eremophila alpestris*) of the Channel Islands off the coast of Southern California and the populations of the western United States.

Research Assistant

Fall 2008

Smithsonian Tropical Research Institute – Gamboa, Panama

Supported Dr. Kristiina Hurme of the University of Connecticut as a field assistant in her dissertation field work on the parental care and tadpole schooling behavior of *Leptodactylus insularum*. In addition to nightly behavioral observations, I also assisted in designing and maintaining microcosm experiments, developmental staging and measuring tadpoles.

SERVICE & OUTREACH:

Service to Societies and Institutions:

Peer-reviews for Academic Journals (27 total): Molecular Ecology (5); Evolution (3); Molecular Phylogenetics and Evolution (3); Ostrich (2); Zoological Journal of the Linnean Society (2); African Journal of Zoology (1); Biological Journal of the Linnean Society (1); BMC Evolutionary Biology (1); Ecology and Evolution (1); Ecological Applications (1); Journal of Avian Biology (1); Journal of Natural History (1); PeerJ (1); Proceedings of the San Diego Society of Natural History (1); Wilson Journal of Ornithology (1); Zoologia (1); Zoological Science (1).

Chair of the AOU Student Affairs Committee

Fall 2013 – Present

Chaired the AOU student affairs committee by managing a budget and overseeing the organization of student events including the Quiz Bowl, the Student Professional Dinner, and the Silent Auction.

Student Member of the AOU Student Systematics Group

Spring 2015 – Present

Prepared 4–5 proposals annually for submission to the AOU Checklist Committee.

Member of AOU Collections Committee

Fall 2014 – Present

Supported the museum-based ornithology community by organizing workshops at annual meetings; advancing biodiversity informatics; and assisting ornithologist with issues concerning IACUC, import/export, and Federal agency policies.

Chair of the Cornell Lab of Ornithology Invited Speaker Committee

Spring 2013 – Fall 2013

Surveyed a large community of graduate students and faculty for invited speaker nominations and tallied votes. Served as a liaison between the graduate student committee, faculty advisor Dr. Irby Lovette and the invitees.

Member of AOU Student Affairs Committee

Fall 2012 – Fall 2013

Assisted with the organization and implementation of the Student-Professional Ornithological Social and the Student Quiz Bowl at the 2013 Chicago AOU/COS meeting and the 2012 NAOC-V meeting.

Co-Chair, EEB Seminar Series Student Committee, San Diego State University

Spring 2011

Helped coordinate speaker visits and managed budget for student-speaker activities, such as lunches.

PROFESSIONAL SOCIETIES:

Society for the Study of Evolution (joined 2009); Society of Systematic Biologists (2009); American Ornithologists' Union (2009); Cooper Ornithological Society (2009); Sigma Xi (2012); American Society of Naturalists (2013).