

# Peter A. Hosner

Natural History Museum of Denmark/Center for Macroecology, Evolution, and Climate  
Faculty of Science/GLOBE Institute  
University of Copenhagen  
Universitetsparken 15 - DK-2100 Copenhagen - Denmark  
[idiopylon@gmail.com](mailto:idiopylon@gmail.com) - [peter.hosner@snm.dk.edu](mailto:peter.hosner@snm.dk.edu)  
785.331.7583 (USA) - +45 52 75 32 48 (DK)

Personal website ([link](#)) - ResearchGate ([link](#)) - GoogleScholar ([link](#)) - ebird ([link](#))

## PROFESSIONAL APPOINTMENTS

---

University of Copenhagen, Faculty of Sciences, Natural History Museum of Denmark, Center for Macroecology, Evolution, and Climate. Associate Professor and Curator of Birds  
Smithsonian Institution, National Museum of Natural History. Department of Vertebrate Zoology. Division of Birds. Peter Buck Postdoctoral Fellow, 2017–2018  
School for Field Studies. Center for Himalayan Studies. Program Academic Lead and Resident Lecturer, 2016–2017  
University of Florida. Department of Biology and Florida Museum of Natural History. Postdoctoral Associate, 2014–2017

## EDUCATION:

---

Ph.D. University of Kansas, Dept. of Ecology and Evolutionary Biology (2014). Dissertation title: *Drivers of avian diversification in an island archipelago*  
B.S. Cornell University, Dept. of Natural Resources (2003). Thesis title: *A comparison of dispersal estimation methods in birds using a local dispersal study and data from the National Bird Banding Lab*

## PEER-REVIEWED PUBLICATIONS

---

1. Campillo, L.C., Manthey, J.M., Thompson, R.C., **Hosner, P.A.**, Moyle, R.G., and. *In press*. Genomic differentiation in an endemic Philippine genus (Aves: Sarcophanops) due to geographic isolation on recently disassociated islands. *Biological Journal of the Linnean Society*.
2. **Hosner, P.A.**, Owens, H.L., Braun, E.L., and R.T. Kimball. 2020. Phylogeny and diversification of the gallopheasants (Aves: Galliformes): testing roles of sexual selection and environmental niche divergence. *Zoological Scripta* 49: 549–562.
3. Owens, H.L., Ribeiro, V., Saupe, E.R., Cobos, M.E., **Hosner, P.A.**, Cooper, J.C., Samy, A.M., Barve, V., Barve, N., Muñoz-R, C.J., and A.T. Peterson. 2020. Acknowledging uncertainty in evolutionary reconstructions of ecological niches. *Ecology & Evolution* 10: 6967–6977.
4. Chesser, R.T., Isler, M.L., Cuervo, A.M., Cadena, C.D., Galen, S.C., Bergner, L.M., Fleischer, R.C., Bravo, G.A., Lane, D.F., and **P.A. Hosner**. 2020. Conservative plumage masks extraordinary phylogenetic diversity in the *Grallaria rufula* complex of the humid Andes. *The Auk: Ornithological Advances* 137: ukaa009.
5. Isler, M.L., Chesser, R.T., Robbins, M.B., Cuervo, A.M., Cadena, C.D., and **P.A. Hosner**. 2020. Taxonomic evaluation of the *Grallaria rufula* (Rufous Antpitta) complex (Aves: Passeriformes) distinguishes sixteen species. *Zootaxa* 4817:1–74
6. Krabbe, N.K., Schulenberg, T.S., **Hosner, P.A.**, Rosenberg, K.V., Davis, T.J., Rosenberg, G.H., Lane, D.L., Andersen, M.J., Robbins, M.B., Cadena, C.D., Valqui, T., Salter, J.F., Spencer, A.J., Angulo, F., and J. Fjeldså. 2020. Untangling cryptic diversity in the High

- Andes: revision of the *Scytalopus [magellanicus]* complex (Rhinocryptidae) in Peru reveals three new species. *The Auk: Ornithological Advances* 137: ukaa003
7. Salter, J.F., Oliveros, C.H., **Hosner, P.A.**, Manthey, J.D., Robbins, M.B., Moyle, R.G., Brumfield, R.B., and B.C. Faircloth. 2020. Extensive paraphyly in the typical owl family (Strigidae). *Auk: Ornithological Advances* 137: ukz070
  8. Oliveros, C.H., Field, D.J. Ksepka, D.T., Barker, F.K., Aleixo, A., Andersen, M.J., Alström, P., Benz, B.W., Braun, E.L., Braun, M.J., Bravo, G.A., Brumfield, R.T., Chesser, R.T., Claramunt, S., Cracraft, J., Cuervo, A.M., Derryberry, E.P., Glenn, T.C., Harvey, M.G., **Hosner, P.A.**, Joseph, L., Kimball, R.T., Mack, A.L., Miskelly, Peterson, A.T., Robbins, M.B., Sheldon, F.H., Silveira, L.F., Smith, B.T., White, N.D., Moyle, R.G., and B.C. Faircloth. 2019. Earth history and the passerine superradiation. *Proceedings of the National Academy of Sciences USA*. 116: 7916–7925
  9. Oliveros, C.H., Andersen, M.J., Hosner, P.A., Mauk, W.M., Sheldon, F.H., Cracraft, J. & R.G. Moyle. 2019. Rapid Laurasian diversification of a pantropical bird family during the Oligocene-Miocene transition. *Ibis* 162: 137–152
  10. Chesser, R.T., Vaseghi, H., **Hosner, P.A.**, Bergner, L.M., Cortes-Rodriguez, M.N, Welch, A.J., and C.T. Collins. 2018. Molecular systematics of swifts of the genus *Chaetura* (Aves: Apodiformes: Apodidae). *Molecular Phylogenetics and Evolution* 128:162–171
  11. **Hosner, P.A.**, Campillo, L.C., Andersen, M.J, Sánchez-González, L., Oliveros, C.H., Urriza, R.C., and R.G. Moyle. 2018. How do differing views on species limits affect recognition of avian diversity and endemism in biodiversity hotspots? An example in the Philippine Archipelago. *Conservation Genetics* 19:1151–1168.
  12. Kyriazis, C.C.\*, Alam, B.\*, Wjodyła, M.\*, Hackett, S., **Hosner, P.A.**, Mays, H.L., L.R. Heaney, and S. Reddy. 2018. Colonization and diversification of the White-browed Shortwing (Aves: Muscicapidae: *Brachypteryx montana*) in the Philippines. *Molecular Phylogenetics and Evolution* 121:121–131
  13. Saupe, E.E., Barve, N., Owens, H.L., Cooper, J.C., **Hosner, P.A.**, and A.T. Peterson. 2018. Reconstructing ecological niche evolution when niches are incompletely characterized. *Systematic Biology*: 67:428–438
  14. Moyle, R.G., Manthey, J.D., **Hosner, P.A.**, Rahman, M., Lakim, M., and F.H. Sheldon. 2017. A genome wide assessment of stages of elevational parapatry in Borneo reveals no introgression: implications for process and patterns of speciation. *PeerJ* 5:e3335
  15. **Hosner, P.A.**, Tobias, J.A., Braun, E.L., and R.T. Kimball. 2017. How do seemingly non-vagile taxa accomplish trans-marine dispersal? Trait and dispersal evolution in the landfowl (Aves: Galliformes). *Proceedings of the Royal Society Series B* 284:20170210
  16. Reddy, S., Kimball, R.T., Pandey, A., **Hosner, P.A.**, Braun, M. Hackett, S., Huddleston, C., Kingston, S., Marks, B., Miglia, K., Moore, W. Sheldon, F., Witt, C., Yuri, T., and E.L. Braun. 2017. Why do phylogenomic datasets yield conflicting trees? Data type influences the avian tree of life more than taxon sampling. *Systematic Biology* 66:857–879
  17. Wang, N., **Hosner P.A.**, Liang, B., Braun, E.L., and R.T. Kimball. 2017. Historical relationships of three enigmatic phasianid genera (Aves: Galliformes) inferred using phylogenomic and mitogenomic data. *Molecular Phylogenetics and Evolution* 109:215–225
  18. Moyle, R.G., Oliveros, C.H., Andersen, M.J., **Hosner, P.A.**, Benz, B.W., Manthey, J.D., Travers, S.D., Brown, R.M., and B.C. Faircloth. 2016. Tectonic collision and uplift of Wallacea triggered the global songbird radiation. *Nature Communications* 7:12709
  19. **Hosner, P.A.**, Braun, E.L., and R.T. Kimball. 2016. Rapid and recent diversification of curassows, guans, and chachalacas (Galliformes: Cracidae) out of Mesoamerica: phylogeny

- inferred from mitochondrial, intron, and ultraconserved element sequences. *Molecular Phylogenetics and Evolution* 102:320–330
20. Persons\*, N.W., Kimball, R.T., **Hosner, P.A.**, Meiklejohn, K.A., and E.L. Braun. 2016. Sorting out relationships among the grouse and ptarmigan using intron, mitochondrial, and ultra-conserved element sequences. *Molecular Phylogenetics and Evolution* 98:123–132
  21. **Hosner, P.A.**, Faircloth, B.C., Glenn, T.C., Braun, E.L., and R.T. Kimball. 2015. Avoiding missing data biases in phylogenomic inference of landfowl (Aves: Galliformes). *Molecular Biology and Evolution* 33:1110–1125
  22. Winger, B.M., **Hosner, P.A.**, Bravo, G., Cuervo, A.M., Aristizábal, N., Cueto, L. and J. Bates. 2015. Inferring the biogeographic history of speciation in the Andes with genotyping-by-sequencing: an example in the bay-backed antpittas (Aves; Grallariidae; *Grallaria hypoleuca s. l.*). *Molecular Ecology* 24:6256–6277
  23. **Hosner, P.A.**, Cueto-Aparicio, L., Ferro-Meza, G., Miranda, D., and M.B. Robbins. 2015. Vocal and molecular phylogenetic evidence for recognition of a thistletail species (Furnariidae: *Asthenes*) endemic to the elfin forests of Ayacucho, Peru. *Wilson Journal of Ornithology* 127:724–730
  24. **Hosner, P.A.**, Andersen, M.J., Robbins, M.B., Urbay-Tello, A., Cueto-Aparicio, L., Verde-Guerra, K., Sánchez González, L.A., Navarro-Sigüenza, A.G., Boyd, R.L., Núñez, J., Tiravanti, J., Combe, M., Owens, H.L., and A.T. Peterson. 2015. Avifaunal surveys of the Apurímac river valley, Ayacucho and Cuzco departments, Peru: new distributional records and biogeographic, taxonomic, and conservation implications. *Wilson Journal of Ornithology* 127:563–581
  25. **Hosner, P.A.**, Liu, H., Moyle, R.G., and A.T. Peterson. 2015. Rethinking phylogeographic structure and historical refugia in the Rufous-capped Babbler (*Cyanoderma ruficeps*) in light of range-wide genetic sampling and paleodistributional reconstructions. *Current Zoology* 61:901–909
  26. Sánchez González, L.A., **Hosner, P.A.**, and Moyle, R.G. 2015. Genetic differentiation in insular lowland rainforests: insights from historical demographic patterns in Philippine birds. *PLoS One* 10:e0134284
  27. **Hosner, P.A.**, Braun, E.L. and R.T. Kimball. 2015. Tertiary land bridges and global cooling shaped colonization history and diversification of New World quail (Aves: Galliformes: Odontophoridae). *Journal of Biogeography* 42:1883–1895
  28. Andersen, M.J. **Hosner, P.A.**, Filardi, C.E. and R.G. Moyle. 2015. Phylogeny of the monarch flycatchers reveals extensive paraphyly and novel relationships within a major Australian-Pacific radiation. *Molecular Phylogenetics and Evolution* 83:118–136
  29. Reddy, S., Sharief, S., Yohe, L.R., Witkowski, J., **Hosner, P.A.**, Nyári, Á.S., and R.G. Moyle. 2015. Untangling taxonomic confusion and diversification patterns of the Streak-breasted Scimitar Babblers (Timaliidae: *Pomatorhinus ruficollis* complex) in Southern Asia. *Molecular Phylogenetics and Evolution* 82:183–192
  30. Moyle, R.G., **Hosner, P.A.**, Jones, A.W., and D.C. Outlaw. 2015. Phylogeny and biogeography of *Ficedula* flycatchers (Aves: Muscicapidae): novel results from fresh source material. *Molecular Phylogenetics and Evolution* 82:87–94
  31. **Hosner, P.A.**, Sánchez-González, L.A., Peterson, A.T., and R.G. Moyle. 2014. Climate-driven diversification and Pleistocene refugia in Philippine birds: evidence from phylogeographic structure and Paleo-environmental niche modeling. *Evolution* 68:2658–2674
  32. Brown, R.M., Siler, C.D., Oliveros, C.H., Esselstyn, J.A. Diesmos, A.C., **Hosner, P.A.**, Linkem, C.W., Barley, A.J., Oaks, J.R., Sanguila, M.B., Welton, L.J, Blackburn, D.C., Moyle, R.G.,

- Peterson, A.T., and A.C. Alcala. 2013. Evolutionary processes of diversification in a model island archipelago. *Annual Review of Ecology, Evolution, and Systematics* 44:24.1–24.25
33. **Hosner, P.A.**, \*Boggess, N.K., Alviola, P., Sánchez-González, L.A., Oliveros, C.H., Urriza, and R.G. Moyle. 2013. Phylogeography of the *Robsonius* ground-warblers (Passeriformes: Locustellidae) reveals an undescribed species from northeastern Luzon, Philippines. *Condor* 115:632–641
  34. **Hosner, P.A.**, Robbins, M.B., Valqui, T. and A.T. Peterson. 2013. A new species of *Scytalopus* tapaculo from central Peru. *Wilson Journal of Ornithology* 125:233–422
  35. **Hosner, P.A.**, Nyári, A. and R.G. Moyle. 2013. Water barriers and intra-island isolation contribute to diversification in the insular *Aethopyga* sunbirds. *Journal of Biogeography* 40:1094–1106
  36. **Hosner, P.A.** and R.G. Moyle. 2012. A molecular phylogeny of the *Knipolegus* black-tyrants reveals strong geographic patterns and homoplasy in plumage and display behavior. *Auk* 129:156–167
  37. Stouffer, P.C., Cockle, K.L., Aleixo, A.A., Areta, J.I., Barnett, J.M., Bodrati, A., Cadena, C.D., Giacomo, A.S., Herzog, S.K., **Hosner, P.A.**, Johnson E.I., Naka, L.N. and C. Sánchez. 2011. No evidence for widespread bird declines in protected South American forests. *Climate Change* 108:383–386
  38. Styring, A.R., Ragai, R., Unggang, J., Stuebing, R., **Hosner, P.A.** and F.H. Sheldon. 2011. Bird community assembly in Bornean industrial tree plantations: effects of forest age and structure. *Forest Ecology and Management* 261:531–544
  39. **Hosner, P.A.**, Sheldon, F.H., Lim, H.C. and R.G. Moyle. 2010. Phylogeny and Biogeography of the Asian trogons (Aves: Trogoniformes) inferred from nuclear and mitochondrial DNA sequences. *Molecular Phylogenetics and Evolution* 57:1219–1225
  40. Sheldon, F.H., **Hosner, P.A.** and A.R. Styring. 2010. Use of industrial and agricultural tree plantations by Bornean forest birds: a long term perspective. *Biological Conservation* 143:399–407
  41. Peterson, A.T., Andersen, M.J., Bodbyl-Roels, S., **Hosner, P.A.**, Nyári, A., Oliveros, C. and M. Papes. 2009. A prototype forecasting system for bird-borne disease spread in North America based on migratory bird movements. *Epidemics* 1:240–249
  42. Sheldon, F.H., Lim, H.C., Nais, J., Lakim, M., Tuuga, A., Malin, P., Majuakim, J., Lo, Schilthuizen, M., **Hosner, P.A.** and R.G. Moyle. 2009. Observations on the ecology, distribution, and biogeography of forest birds in Sabah, Malaysia. *Raffles Bulletin of Zoology* 57:577–586
  43. **Hosner, P.A.**, Behrens, K.D. and N.E.L. Huanca. 2009. The first records of Red-fronted Coot (*Fulica rufifrons*) in Bolivia, and other notes on Bolivian bird distribution. *Boletín SAO* 19: 27–31
  44. Huanca, N.E., **Hosner, P.A.** and A.B. Hennessey. 2009. Nests, vocalizations, and conservation status of endangered Cochabamba Mountain-Finches (*Compsospiza garleppi*). *Journal of Field Ornithology* 80:215–223
  45. **Hosner, P.A.**, Behrens, K.D. and A.B. Hennessey. 2009. Birds (Aves) Serrania Sadiri, Parque Nacional Madidi, Depto. La Paz, Bolivia. *Checklist* 5:222–237
  46. **Hosner, P.A.** and N.E. Huanca. 2008. The nest, eggs, and breeding behavior of the Puna Tapaculo (*Scytalopus simonsi*). *Wilson Journal of Ornithology* 120:473–477
  47. Tobias, J.A., Lebbin, D.J., Andersen, M.J., **Hosner, P.A.**, Seddon, N., Guilherme, E. and A. Aleixo. 2008. Vocal repertoire, behavior, and distribution of the Rufous Twistwing (*Cnipodectes superrufus*), including the first records for Bolivia and Brazil. *Wilson Journal of Ornithology* 120:38–49

48. Moyle, R.G. and **P.A. Hosner**. 2008. Taxonomic status of the Kinabalu Swiftlet. *Bulletin of the British Ornithologists Club* 198:94–100
  49. Lebbin, D.J., **Hosner, P.A.**, Andersen M.J., Valdez, U. and W.P. Tori. 2007. First description of the nest and eggs of the White-lined Antbird (*Percnostola lophotes*) and breeding observations of poorly known birds inhabiting *Guadua* bamboo in Southeastern Peru. *Boletín SAO* 17: 119–132
  50. Andersen, M.J., Lebbin, D.J. and **P.A. Hosner**. 2007. First photographic evidence of Verry (*Catharus fuscescens*) for Peru. *Boletín SAO* 17:36–38
  51. **Hosner, P.A.** and D.W. Winkler. 2007. Dispersal distances of tree swallows from continent wide data and a local area study. *Journal of Field Ornithology* 78:290–293
  52. **Hosner, P.A.** and D.J. Lebbin. 2006. Observations of plumage pigment aberrations in Ecuador, including Ramphastidae. *Boletín SAO* 16:30–43
  53. **Hosner, P.A.** 2005. Regurgitated mistletoe seeds in the nest of the Yellow-crowned Tyrannulet, *Tyrannulus elatus*. *Wilson Bulletin* 117:319–321
- \* denotes undergraduate mentee co-author

#### **NON-PEER-REVIEWED PUBLICATIONS**

---

1. Movalli, P., Duke, G., Ramello, G., Dekker, R., Vrezec, A., Shore, R.F., García-Fernández, A., Wernham, C., Krone, O., Alygizakis, N. and Badry, A., Barbagli, F., Biesmeijer, K., Boano, G., Bond, A.L., Choresh, Y., Cristensen, J.B, Cincinelli, A., Danielsson, S., Dias, A., Dietz, R., Eens, M., Espín, S., Eulaers, I., Frahnert, S., Fuiz, T.I., Georgios Gkotsis, G., Glowacka, N., Gómez-Ramírez, P., Grotti, M., Guiraud, M., Peter Hosner, P., Johansson, U., Jaspers, V.L.B., Kamminga, P., Koschorreck, J., Knopf, B., Kubin, E., Lo Brutto, S., Rui Lourenco, R., Martellini, T., Martínez-López, E., Mateo, R., Nika, M.C., Nikolopoulou, V., Osborn, D., Pauwels, O., Pavia, M., Pereira, M.G., Rüdell, H., Sanchez-Virosta, P., Slobodnik, J., Sonne, C., Thomaidis, N. Töpfer, T., Treu, G., Väinölä, R., Valkama, J., van der Mije, S., Vangeluwe, D., Warren, B.H., Woog, F. 2019. Progress on bringing together raptor collections in Europe for contaminant research and monitoring in relation to chemicals regulation. *Environmental Science and Pollution Research*, 26:20132–20136.
2. **Hosner, P.A.** 2019. Book review, *Birding Without Borders: An Obsession, A Quest, and the Biggest Year in the World. The Condor/Ornithological Applications* 121:1–2
3. Peterson, A.T., R.G. Moyle, F. Lei, L.C. Campillo, **Hosner P.A.**, Klicka, L.B., Lim, H.C., Nyári, Á.S., Qu, Y., Reddy, S., Sheldon, F.H., Zou. 2015. Avian evolution in the Southeast Asian tropics. *Current Zoology* 61: 898–900
4. **Hosner, P.A.** 2011. Book review, *Birds of Borneo, Brunei, Sabah, Sarawak, and Kalimantan* by Susan Myers. *Quarterly Review of Biology* 86:63
5. **Hosner, P.A.** 2010. Birding off the beaten path. *Neotropical Birding* 7: 42–47
6. **Hosner, P.A.** 2008. Book review, *Field Guide to the Birds of Trinidad and Tobago* by Martyn Kenefick, Robin Restall, and Floyd Hayes. *Quarterly Review of Biology* 83: 417–418
7. **Hosner, P.A.** 2004. *Elaenia* and *Myiopagis*. In *Handbook of Birds of the World Volume 9: Cotingidae through Motacillidae*. Lynx Publications, Madrid, Spain
8. **Hosner, P.A.** 2003. Loons (Gaviidae). In *Grzimek's Animal Life Encyclopedia*. Gale Group, Farmington Hills, MI

#### **RESEARCH GRANTS AND FELLOWSHIPS**

---

2019–2021      15 Juni Fonden: *Bird specimen registration and digitization at the Natural History Museum of Denmark*. **879,000 DKK/\$128,850**

- 2017–2020 National Science Foundation, BCS1659032: *Collaborative research: an inquiry into turkey behavioral and morphological change*. (Co-PI) **\$158,800**
- 2017–2018 Smithsonian Institution, Peter Buck Postdoctoral Fellowship: *Evolutionary genomic consequences of dispersal limitation and flight loss in birds*. **\$106,400**
- 2011, 2013 University of Kansas EEB Summer Research Fellowship, two awards totaling **\$4,000**
- 2012 University of Kansas, Graduate Studies Summer Research Fellowship. **\$5,000**
- 2012 American Ornithologists' Union Student Travel Award: **\$700**
- 2007, 2012 University of Kansas Biodiversity Institute, Panorama Small Grant Competition, two awards totaling **\$1,700**
- 2011–2013 National Science Foundation, DEB1110619: *Dissertation research: Testing the Pleistocene aggregate island complex (PAIC) diversification model in co-distributed avian lineages*. Co-PI **\$14,900**
- 2011 University of Kansas Graduate Student Research Fund **\$3,000**
- 2011 American Ornithologists' Union, Alexander Wetmore Research Award **\$2,500**
- 2011 American Museum of Natural History, Frank Chapman Memorial Grant **\$2,000**
- 2011 National Geographic Society Committee for Research and Exploration: *An avifaunal inventory of Ayacucho, Peru*. **\$13,500**
- 2010 American Philosophical Society, Lewis and Clark Research and Exploration Grant **\$3,500**
- 2008 Tinker Foundation Research Travel Grant **\$850**

#### AWARDS AND HONORS

---

- 2019 European Commission Seal of Excellence, H2020 Marie Skłodowska-Curie actions call
- 2016 Elective member, American Ornithological Society
- 2016 American Ornithological Society, James G. Cooper Early Professional Award
- 2016 Wilson Ornithological Society, Edwards Prize for best major article published in *Wilson Journal of Ornithology* in 2015
- 2012 University of Kansas, Michael S. Gaines Award, teaching excellence in undergraduate biology

#### INTERNATIONAL RESEARCH CONSORTIA

---

- 2020– [Howard and Moore Checklist](#): A detailed annotated taxonomy of the world's birds
- 2019– [OpenWings](#): Understanding the evolutionary history and evolutionary relationships among birds
- 2018–present [ERBfacility](#): European Union research consortium to increase use of museum specimens in ecotoxicology research and monitoring
- 2018– [B10K](#): Initiative to organize and generate draft genome sequences of all birds

#### PRESENTATIONS (FIRST AUTHOR/PRESENTER ONLY)

---

##### *Invited seminars*

- 2018 Exploring avian diversification through natural history collections. Natural History Museum of Los Angeles, CA
- 2017 Biogeography and diversification of the avian model clade. American Museum of Natural History, New York NY

- 2016 Phylogenomics of the avian model clade. Louisiana State Museum of Natural Science, Baton Rouge, LA
- 2015 Genomic approaches to avian biogeography: from root to tip. Invited Seminar. Sam Noble Oklahoma Museum of Natural History/Department of Biology, University of Oklahoma, Norman OK
- 2015 Avian biogeography and phylogenomics: from root to tip. Royal Ontario Museum/University of Toronto Dept. of Ecology and Evolutionary Biology, Toronto ON

*Symposium presentations*

- 2018 How do geographic barriers structure population genomic variation in Philippine birds? American Ornithological Society annual meeting, Tucson AZ.
- 2016 Avian diversification in the Philippine archipelago. North American Ornithological Congress, Washington D.C.
- 2013 Resolving the complex evolutionary history of a Philippine Passerine: insights from thousands of nuclear loci. American Ornithologists' Union annual meeting, Chicago IL

*Selected conference presentations*

- 2019 Phylogeny and evolution of the gallopheasants. American Ornithological Society annual meeting, Anchorage AK.
- 2016 Evolution of vagility and convergent island gigantism in quail (Aves: *Coturnix*). North American Ornithological Congress, Washington D.C.
- 2016 Evolution of vagility and convergent island gigantism in quail (Aves: *Coturnix*). Evolution 2016, Austin TX
- 2015 Phylogeny and diversification of the New World quail (Odontophoridae). American Ornithologists' Union Annual meeting, Estes Park, CO
- 2014 Resolving the complex evolutionary history of a Philippine with genome-wide markers. Evolution 2014, Raleigh NC
- 2013 Paleoclimate breaks isolated Philippine bird lineages. Evolution 2013, Snowbird UT.
- 2012 Testing the Pleistocene aggregate island complex (PAIC) model of diversification in co-distributed avian lineages. North American Ornithological Congress, Vancouver BC
- 2011 Testing the Pleistocene aggregate island complex (PAIC) model of diversification in co-distributed avian lineages. American Society of Field Ornithologists/Cooper Ornithological Society/Wilson Ornithological Society Annual meeting, Kearney NE
- 2010 Molecular phylogeny and biogeography of the *Knipolegus* Black-Tyrants. American Ornithologists' Union, San Diego CA

**RESEARCH EXPEDITIONS AND FIELDWORK**

---

- 2018 Smithsonian Institution. Avian specimen collecting expedition. Sarawak, **Malaysia**
- 2016–2017 School for Field Studies. Field ecology instructor. **Bhutan**
- 2012 University of Kansas Biodiversity Institute. Avian specimen collecting expedition. Ayacucho, Cuzco; **Peru**
- 2012 University of Kansas Biodiversity Institute. Vertebrate and parasite specimen collecting expedition. Bohol, Mindanao; **Philippines**
- 2011 University of Kansas Biodiversity Institute. Vertebrate and parasite collecting expedition. Luzon, Polilio; **Philippines**

- 2009 University of Kansas Biodiversity Institute. Vertebrate and parasite specimen collecting expedition. Govi, **Mongolia**
- 2009 University of Kansas Biodiversity Institute. Avian specimen collecting expedition. Ayacucho, **Peru**
- 2008 University of Kansas Biodiversity Institute. Avian specimen collecting expedition. Junin, **Peru**
- 2008 University of Kansas Biodiversity Institute. Vertebrate specimen collecting expedition. Luzon, Mindanao; **Philippines**
- 2006–2007 SWCA Inc. Field team leader, Southwestern Willow Flycatcher population surveys. Arizona, California, **USA**
- 2006–2007 Asociación Armonía. Cochabamba Mountain-Finch population surveys. **Bolivia**
- 2006 U. Southern Mississippi. Field team leader, migratory bird surveys. Louisiana, **USA**
- 2005–2006 Fundación Jocotoco. Private reserve bird population surveys & mapping. **Ecuador**
- 2005 Louisiana State University Museum of Natural Science. Avian specimen collecting expeditions & birds of tree plantation surveys. Sabah, **Malaysia**
- 2004–2005 Rocky Mountain Bird Observatory. Breeding bird surveys. Wyoming, Colorado, New Mexico; **USA**
- 2004 Cornell University. Avian community assembly surveys. Madre de Dios, **Peru**
- 2003 Cornell Museum of Vertebrates. Avian specimen collecting expedition. **Uruguay**

#### **MUSEUM CURATORIAL EXPERIENCE**

---

- 2018– Curator of Birds, Natural History Museum of Denmark
- 2008–2013 Graduate Research/Curatorial Assistant, Ornithology division, University of
- 2002–2004 Curatorial Assistant, Ornithology and Mammalogy, Cornell Museum of Vertebrates

#### **UNIVERSITY TEACHING EXPERIENCE**

---

- 2019 University of Copenhagen  
5290-B3-3F19: Ornithology (instructor)  
5290-B5-5F19: East African Savannas and Forests (instructor)
- 2016–2017 School for Field Studies  
SFS 3060: Mountain Ecology (primary instructor)  
SFS 4910: Directed Research (primary instructor)
- 2007–2014 University of Kansas  
BIO 593: Ornithology (lecture and lab, primary instructor)  
BIO 350: Principles of Genetics (discussion, graduate teaching assistant)  
BIO 152: Principles of Organismal Biology (lecture and lab, graduate teaching assistant)  
BIO 150: Principles of Cell and Molecular Biology (lab, graduate teaching assistant)

#### **SERVICE**

---

- 2007– Manuscripts reviewed: *Auk*; *Ornithological Advances*, *Biodiversity Informatics*, *Biological Journal of the Linnean Society*, *Biology Letters*, *Boletín SAO*, *Conservation Biology*, *Checklist*, *Condor: Ornithological Applications*, *Cotinga*, *Diversity & Distributions*, *Ecology & Evolution*, *Ecología en Bolivia*, *Evolution*, *Florida Field Naturalist*, *Frontiers in Biogeography*, *Global Ecology & Biogeography*, *Ibis*, *Journal of Biogeography*, *Journal of Field Ornithology*, *Molecular Biology & Evolution*, *Molecular Ecology*, *Molecular Phylogenetics & Evolution*, *Neotropical Biodiversity*, *Ornitología Neotropical*, *PLoS One*, *PeerJ*, *PhytoKeys*, *Proceedings of the Royal*



*Society Series B, Revista Mexicana de Biodiversidad, Scientific Data Systematic Biology, Wilson Journal of Ornithology, Zootaxa.*

- 2009– Cornell Lab of Ornithology eBird records reviewer, Philippines and Mongolia  
2018– American Ornithological Society Student Presentation Award reviewer  
2019– American Ornithological Society Collections Committee  
2017–2019 American Ornithological Society, Young Professional Awards Committee  
2017 Wilson Ornithological Society, Edwards Prize reviewer  
2007–2014 University of Kansas Biodiversity Institute, Public bird collection tours and outreach events.  
2011–2012 University of Kansas EEB Dept., Admissions Committee Graduate Student Representative.  
2010–2011 University of Kansas EEB Dept., Executive Committee Graduate Student Representative.  
2008–2010 American Ornithologists' Union, Student Advisory Committee member

**PROFESSIONAL SOCIETY MEMBERSHIPS**

---

American Ornithological Society (AOS) – International Biogeography Society (IBS) Society of Systematic Biologists (SSB)