Curriculum Vitae: Brian Coyle

Professional Preparation

Ph.D.	Behavioral Ecology, University of Maryland, College Park	01/2012
	• *Department of Biology, Best Graduate Student Research Award*	
M.S.	Behavioral Ecology, University of Maryland, College Park	08/2007
B.S.	Pathobiology & Animal Science, University of Connecticut, Storrs	05/1997

Appointments

2016 – Current   Contractor: Conservation Commons Program Manager, Smithsonian Institution

2013 – Current   Contractor: Red Siskin Initiative Project Coordinator, Smithsonian Institution

Past Work Experience

Research Technician	Migratory Bird Research Center, Smithsonian Institution
Pacific Fisheries Observer	National Marine Fisheries Service
Research Technician/ Field Crew leader	Rocky Mountain Research Institute, US Forest Service
Research Technician/ Field Crew leader	Geo-Marine Incorporated
Laboratory researcher/project manager	University of Connecticut, Department of Pathobiology

Significant Relevant Experience

2015   Spearheaded partnership between Smithsonian and Whole Foods to ship #5 plastic waste from research laboratories to be upcycled into consumer goods

2013-2015   Organizer, Frontiers in Phylogenetics Monthly Seminar Series, Smithsonian

2014   Co-organizer, Frontiers in Phylogenetics Annual Symposium, Smithsonian

2014   Co-organizer, International Workshop for Red Siskin Conservation, 2 days, Smithsonian

2011-2012   University of Maryland, Graduate Student Senator

2011-2012   Co-Founder and Chair, Graduate Student Sustainability Committee

Education and Outreach Experience

2013 - Present   Produced 11 public education events on biodiversity sustainability at Smithsonian National Zoo, National Museum of Natural History, Conservation Biology Institute

2004-2012   Teaching Assistant for 12 semesters including 100, 200 and 400 level courses at UMD-CP

2006   Course Coordinator for UMD BSCI 440: Mammalian Physiology

2006   University of Maryland Center for Teaching Excellence, Distinguished Teaching Asst Award

Publications

2017   Rodríguez-Clark KM, Coyle BJ**,** Huddleston, CJ, Braun, MJ. In review. Evaluating a Potential Source of Founders for *Ex Situ* Conservation Efforts: Red Siskins (*Spinus cucullatus*) from Guyana. Endangered Species Research.

2017   Rodriguez-Clark *et al*. The Red Siskin Initiative: Saving an endangered finch in partnership with aviculturists. Proceedings of the Sixth International Finch Conference.

2017   Sánchez-Mercado A, Rodríguez-Clark KM, Miranda J, Ferrer-Paris JR, Coyle BJ, Toro S, Cardozo -Urdaneta A, Braun MJ. In review. Identifying high-quality habitats for the critically-endangered Red Siskin. Ecology and Evolution.

2015   **Coyle BJ**. Red Siskin Initiative: Conservation of a popular cage bird that is ciritcally endangered in the wild. Journal of the National Finch and Softbill Society. 32 (4).

2013   **Coyle BJ**., Braun MJ., Rodríguez-Clark, KM., and L. Ovalle. Recovering the Endangered Red Siskin, *Sporagra* (*Carduelis*) *cucullata*. Journal of the National Finch and Softbill Society. 30 (4).

2012   **Coyle BJ**., Hart NS., Carleton KL., Borgia G. Limited variation in visual sensitivity among bowerbird species suggests that there is no link between spectral tuning and variation in display colouration. J Exp Biol 215:1090-1105.

2012   Borgia, G., **Coyle, BJ**., Keagy, JC. Comment on "Illusions promote mating success in great bowerbirds". Science 337:292.

2007   Borgia, G., **Coyle, BJ**., Zwiers, P. The Evolution of Colorful Display. Evolution 61(3): 708-12

2007   Coleman, SW., Patricelli, GL., **Coyle, BJ**., Siani, J., and Borgia G. Female preferences drive the evolution of mimetic accuracy in male sexual displays. Biol. Lett. 3, 463–466.

In prep   **Coyle** BJ, Park A., Iwaniuk AN, Borgia G, Carr CE. Brain evolution in bowerbirds (Ptilonorhynchidae): Bowerbirds have a unique cerebrotype.

In prep   **Coyle BJ**, Zweirs P, Fleischer RC, Borgia G. Hybridization between highly differentiated bowerbirds, *Chlamydera maculata* and *C. nuchalis*, and evidence for interspecific cultural transmission of behavioral displays. Ecology and Evolution