

CURRICULUM VITAE

STEPHEN B. HAGER, Ph.D.

Professor
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EDUCATION

<u>Year</u>	<u>Degrees</u>
1998	Doctor of Philosophy Degree , Biology, New Mexico State University, Las Cruces, New Mexico. <i>Dissertation Title: The Thermoregulatory and Reproductive Behavior of the Lesser Earless Lizard, Holbrookia maculata, at White Sands National Monument, New Mexico.</i> Advisor: Naida D. Zucker, Ph.D.
1992	Master of Arts Degree , Biology, California State University, Fullerton, Fullerton, California. <i>Thesis Title: Surface Activity, Movement, and Home Range of the San Diego Horned Lizard, Phrynosoma coronatum blainvillii.</i> Advisor: Bayard H. Brattstrom, Ph.D.
1988	Bachelor of Arts Degree , Biology, California State University, Fullerton, Fullerton, California.

ACADEMIC EXPERIENCE

<u>Dates</u>	<u>Position/Title</u>	<u>Institution</u>
2016-present	Interim Director of Field Stations	Augustana College, Rock Island, Illinois
2012-present	Professor	Dept. of Biology, Augustana College, Rock Island, Illinois
2004-2012	Associate Professor	Dept. of Biology, Augustana College, Rock Island, Illinois
2006-2011	Co-Chair	Dept. of Biology, Augustana College, Rock Island, Illinois
1998-2004	Assistant Professor	Dept. of Biology, Augustana College, Rock Island, Illinois

COURSES TAUGHT WHILE AT AUGUSTANA COLLEGE

<u>Title</u>	<u>Code</u>	<u>General Description</u>
General Zoology	BIOL200	Survey of animals with an evolutionary perspective. Currently taught several times per year.
Research in Field Biology	BIOL465	Students collect field data, and map and analyze the data collected in ArcGIS. Currently taught every other year during summer session at Green Wing Environmental Laboratory, an Augustana Field Station.
Bird Conservation	BIOL465	Students collect field data on birds in and around the Augustana College campus, and map and analyze the data collected in ArcGIS.
Animal Behavior	BIOL339	Examination of the proximate and ultimate causes of behavior. Currently taught every other year during the spring.

DISCIPLINARY RESEARCH: Peer-reviewed Journal Articles (*denotes undergraduates as co-authors)

- Alix E. Matthews, Pavel B. Klimov, Heather C. Proctor, Ashley P. G. Dowling, Lizzie Diener, Stephen B. Hager, et al. *Submitted, July 2017*. Cophylogenetic assessment of New World warblers (Parulidae) and their symbiotic feather mites (Proctophyllodidae). *Journal of Avian Biology*.
- Hager, S. B. and B. J. Cosentino. *In Press*. The Bird-window Collisions Project, a large-scale collaborative project sponsored by the Ecological Research as Education Network; BioBox for Chapter 30. IN: *Ornithology: Foundation, Critique, and Application*, Editors: Michael L. Morrison, Amanda D. Rodewald, Gary Voelker, Jonathan F. Prather, and Melanie R. Colón. Johns Hopkins University Press.
- Hager, S. B., B. J. Cosentino, et al. 2017. Continent-wide analysis of how urbanization affects bird-window collision mortality in North America. *Biological Conservation*, 212PA, pp. 209-215.
- Hager, S. B. and B. J. Cosentino. 2014. Surveying for bird carcasses resulting from window collisions: a standardized protocol. PeerJ PrePrints 2:e406v1 <http://dx.doi.org/10.7287/peerj.preprints.406v1>.
- Hager, S. B. and M. E. Craig*. 2014. Bird-window collisions in the summer breeding season. PeerJ 2:e460 <http://dx.doi.org/10.7717/peerj.460>.
- Hager, S. B., B. J. Cosentino, K. J. McKay, et al. 2013. Window area and development drive spatial variation in bird-window collisions in an urban landscape. *PLoS ONE* 8(1): e53371. [doi:10.1371/journal.pone.0053371](http://dx.doi.org/10.1371/journal.pone.0053371). As of August 2017, *PLoS ONE* informed me that this paper was in the top 25% most cited and viewed papers online for the journal; *PLoS ONE* started in 2006 and in the last few years has published ~30,000 papers/year.
- Hager, S. B., B. J. Cosentino, and K. J. McKay. 2012. Scavenging affects persistence of avian carcasses resulting from window collisions in an urban landscape. *Journal of Field Ornithology*. 83(2): 203-211.
- Hager, S. B. 2009. Human-related threats to urban raptors. *Journal of Raptor Research*. 43(3): 210-226. As of August 2017, this paper was the 4th most cited paper for the journal, which was started in 1967 and publishes about 60 papers/year (<http://www.bioone.org/action/showMostCitedArticles?journalCode=rapt>).
- Hager, S. B., H. Trudell*, K. J. McKay, S. M. Crandall, and L. Mayer*. 2008. Bird density and mortality at windows. *The Wilson Journal of Ornithology*. 120(3): 550-564. As of August 2017, this paper was the 4th most cited paper for the journal. which started in 2000 and publishes about 120 papers/year (<http://www.bioone.org/action/showMostCitedArticles?journalCode=wils>).

SCHOLARSHIP OF TEACHING AND LEARNING

- Hager, S. B. 2012. The diversity of behavior. *Nature Education Knowledge* 1(10):66. Available from: <http://www.nature.com/scitable/knowledge/library/the-diversity-of-behavior-15129167>.

PUBLISHED ABSTRACTS

- Matthews A.E., Klimov P.B., Proctor H.C., Dowling A.P.G., Diener L., Hager S.B., Larkin J.L., Raybuck D.W., Fiss C.J., McNeil D.J., Boves T.J. Assessing coevolution between feather mites and warbler hosts. Joint meeting of American Ornithological Society and the Society of Canadian Ornithologists/Société des ornithologistes du Canada. 31 July - August 2017, East Lansing, MI.
- Hager, S. B., B. J. Cosentino, et al. 2016. Urbanization shapes the effect of building size on bird-window collisions. 6th North American Ornithological Conference, 16-20 August 2016, Washington, DC, USA.
- Hager, S. B., B. J. Cosentino, et al. 2014. Evaluating the drivers of bird-window collisions in North America. [99th Annual Meeting of the Ecological Society of America](#), 10-15 August 2014, Sacramento, CA, USA.
- Hager, S. B., B. J. Cosentino, K. J. McKay, C. Monson, B. Blevins, and W. Zuurdeeg. 2012. Window area and development drive bird-window collisions in an urban landscape. [5th North American Ornithological Conference](#), 15-18 August 2012, Vancouver, British Columbia, Canada.
- Hager, S. B., B. J. Cosentino, and K. J. McKay. 2012. Scavenging affects persistence of avian carcasses resulting from window collisions in an urban landscape. [5th North American Ornithological Conference](#), 15-18 August 2012, Vancouver, British Columbia, Canada.

AUGUSTANA HONORS CAPSTONE ADVISING

Grogger, K. A., 2017. Shutting Down Giant Panda Conservation Breeding Programs Based on Ethical and Anthropogenic Failings.

EXTERNAL MASTER'S THESIS DEFENSE MEMBER

Served as a volunteer external committee member for a Master's Thesis defense completed by Ms. Justine Kummer, Department of Biological Sciences, University of Alberta, Edmonton, Alberta Canada T6G 2E9, December 2015.

INVITED PRESENTATIONS

<u>Date</u>	<u>Title and location</u>
March 2017	" The Birds of Henry County, IL ", 9 March 2017, monthly meeting of the Quad City Audubon Society, Butterworth Center, Moline, IL.
February 2017	"Introduction to Photography", 25 February 2017, annual photography workshop organized by Shared Talents , St. Ambrose University, Davenport, IA.
February 2017	"Celebrating Charles Darwin's Birthday and the Birds of Gremel Wildlife Sanctuary", 12 February 2017, Monthly Meeting of Birdsong Illinois Audubon, Amboy Marsh, Amboy, IL.
May 2016	"Window area and development drive bird-window collisions in an urban landscape", 13 May 2016, Spring Meeting of the Iowa Ornithologists' Union, Ames, IA. Presented by Kelly J. McKay, co-author on the research.
March 2015	Landscape photography . "A Photographer's Feast, Tips for Shooting Around Our Region", 7 March 2015, Quad Cities campus of Western Illinois University, Moline, IL.
March 2014	<i>When liability hits home: Emerging legal and conservation issues regarding bird-window collisions</i> . Unitarian Church of Davenport, Weekly Forum, Davenport, IA.
March 2013	<i>Lessons from the Birdman of Augustana</i> . "Wildlife Photography: A Sharing", a wildlife photography workshop sponsored by the Clinton County Conservation Board and held at the Mississippi River Eco Center at Rock Creek Marina and Campground, Iowa.
April 2012	<i>Birds of the Quad Cities: What species are affected by window collisions and where collisions most likely to occur?</i> Citizens to Preserve Black Hawk Park Foundations, Black Hawk Park, Rock Island, IL. Two presentations: 1) 60-minute talk on our research findings from 2010, and 2) 20-minute talk addressing the highlights of our research during the Stroll Through Springtime.
January 2012	<i>Threats to urban birds</i> . Rotary Club, Moline, IL. Presentation on my bird research in the Quad Cities.

EDITORIAL CONSULTING

Peer-Refereed Journal Articles

<u>Date</u>	<u>Journal(s)</u>
2016	<i>PeerJ</i>
2015	<i>Urban Ecosystems, The Wilson Journal of Ornithology, Avian Conservation and Ecology</i>
2014	<i>Land (online, open-access journal)</i>
2013	<i>The Canadian Field-Naturalist, Journal of Field Ornithology</i>
2012	<i>The Wilson Journal of Ornithology (2 manuscripts), Avian Conservation and Ecology, Journal of Field Ornithology</i>

CAMPUS SERVICE

Committees

2016-present	Interim Director of Field Stations
2010-2015	Honor Council
2005-2016	Field Stations Governing Board

BIOLOGY-RELATED COMMUNITY OUTREACH

<u>Dates</u>	<u>Description</u>
2017	Participant counting birds and bird species, BioBlitz, Loud Thunder Forest Preserve, June 2017
2015-present	Board member of Shared Talents , a non-profit organization comprised of photographers, graphic art, and design enthusiasts and professionals who use their various talents to create visual products that are used to assist regional non-profit organizations in achieving their missions.
2010-present	Presenter on Ornithology, Illinois Master Naturalist Program, University of Illinois Extension, East Moline, IL.
2010-present	Group leader, Bird Walk, Annual Stroll Through Springtime (last Saturday in April), Black Hawk State Historic Site, Rock Island, Illinois
1999-present	Co-organizer/co-compiler/participant with Mr. Kelly McKay for the National Audubon Society's Christmas Bird Count, Quad Cities region; we organize 7 local counts.