

JASON D. FISCHER

PhD CANDIDATE

Program in Ecology, Evolution, and Conservation — University of Illinois- Urbana/Champaign
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ACADEMIC TRAINING

- Present Ph.D. in Ecology, Evolution, and Conservation Biology,
University of Illinois – Urban/Champaign
Center for Teaching Excellence Graduate Teacher Certificate, awarded April 2012
Anticipated graduation May 2014
- 2004 Bachelors of Science; University of Puget Sound; Department of Biology; Graduated
with Honors

PROFESSIONAL EXPERIENCE

- Fall 2008 Research/Teaching Assistantship, Program in Ecology, Evolution, and
–Spring 2010 Conservation Biology, University of Illinois- Urbana/Champaign
- Research: Top-down versus bottom-up control of avian density along an urban-rural gradient
 - Teaching: IB 230- Ecology
 - Teaching: NRES 456- Integrated Ecosystem Management
 - Teaching: NRES 285- Avian Field Research
- Spring 2007 Wildlife Biologist, AZTEC Engineering, Phoenix, AZ
–Summer 2008 • Environmental consultant for city and state transportation departments
- Summer 2004 Biologist, Logan Simpson Design Inc., Phoenix, AZ
–Spring 2007 • Environmental consultant for city and state transportation departments
- Fall 2003 Teaching Assistant, University of Puget Sound, Tacoma, WA
- Biol 112: Diversity of Life
- Summer 2002 Assistant I, Arizona Game and Fish Department, Dudleyville, AZ
- Habitat use and nesting success of the southwestern willow flycatcher
- Summer 2001 Intern, Arizona Game and Fish Department, Dudleyville, AZ
- Habitat use and nesting success of the southwestern willow flycatcher

HONORS AND AWARDS

National Science Foundation Graduate Research Fellow 2010–Present

Ecological Society of America Urban Ecosystem Ecology Section Student Travel Award – 2012 (\$400)

University of Illinois- Urbana/Champaign School of Integrative Biology Francis M. and Harlie M. Clark Research Support Grant – 2012 (\$900)

University of Illinois- Urbana/Champaign Program in Ecology, Evolution, and Conservation Biology Summer Research Grant Awards – 2009, 2010, 2011, 2012 (\$1,000)

University of Illinois- Urbana/Champaign Program in Ecology, Evolution, and Conservation Biology Conference Travel Grant – 2011 and 2012 (\$250)

Illinois Ornithological Society Research Grants – 2010 & 2011 (\$1,000)

Binky Foundation First Steps Grant – 2010 (\$2,444)

Teaching Assistant Ranking: Excellent – Fall 2009

National Science Foundation Graduate Research Fellowship Honorable Mention – 2009

Champaign County Audubon Society Kendeigh Memorial Fund Award – 2009 (\$1,000)

Cooper Ornithological Society Two-Year Membership Award – 2009

University of Illinois- Urbana/Champaign Graduate College Conference Travel Award – 2009 (\$425)

University of Puget Sound Department of Biology Excellence in Biological Sciences Award – 2002

University of Puget Sound Marshall Trustee Scholarship – 2000–2004

University of Puget Sound Wyatt Trustee Scholarship – 2000–2004

Puget Sound University Scholarship – 2000–2004

National Merit Scholar – 2000

PEER-REVIEWED PAPERS

Fischer, J.D., S.H. Cleeton, T.P. Lyons, and J.R. Miller. 2012. Urbanization and the predation paradox: the role of trophic dynamics in structuring vertebrate communities. *Bioscience* 62: 809–

PRESENTATIONS — SCIENTIFIC

Fischer, J.D., and J.R. Miller. The impact of urbanization on daily feeding activity of songbirds: a test of foraging theory. Ecological Society of America Annual Meeting, Portland, OR. August 2012. (oral presentation)

Frasz, L.M., Fischer, J.D., and J.R. Miller. Effects of experience and a visual aid on ptilochronology. University of Illinois Undergraduate Research Symposium, Urbana, IL. April 2012. (poster presentation)

Fischer, J.D., J.R. Miller, T.P. Lyons, S.H. Cleeton, and E.S. Harrold. Surviving in the city: a review of urban predation and its impacts on avian communities. International Urban Wildlife Management and Planning Conference. Austin, Texas. May 2011. (poster presentation)

Fischer, J.D., and J.R. Miller. The relationship between homeowners and urban birds as defined by the practice of bird feeding. Midwest Fish and Wildlife Conference, Springfield, Illinois. December 2009. (oral presentation)

Fischer, J.D., and J.R. Miller. Food for thought: anthropogenic food sources and their impact on avian diversity. International Symposium on Urban Wildlife and the Environment, Amherst, Massachusetts. June, 2009. (poster presentation)

Fischer, J.D. Female-defense polygyny in the chestnut-headed oropendola. Council on International Educational Exchange, Program in Tropical Ecology, Spring Symposium, Monteverde, Costa Rica, May 2004. (oral presentation)

PRESENTATIONS — PUBLIC

Fischer, J.D., and J.R. Miller. Feeding the birds: the impact of urbanization and supplemental feeding on avian populations. East Central Illinois Master Naturalists Meeting, Champaign, Illinois. May 2012. (oral presentation)

Fischer, J.D., and J.R. Miller. Mist netting: Capturing birds for the study of avian ecology. Bird Migration Festival, Homer Lake Forest Preserve. Homer, Illinois. April 2012. (field demonstration)

Fischer, J.D., and J.R. Miller. Feeding the birds: the impact of urbanization and supplemental feeding on avian populations. Osher Lifelong Learning Institute, Champaign, Illinois. April 2012. (oral presentation)

Fischer, J.D., and J.R. Miller. Feeding the birds: the impact of urbanization and supplemental feeding on avian populations. Izaak Walton League Meeting, Urbana, Illinois. February 2012.

(oral presentation)

Fischer, J.D., and J.R. Miller. Mist netting: Capturing birds for the study of avian ecology. Bird Migration Festival, Homer Lake Forest Preserve. Homer, Illinois. May 2011. (field demonstration)

Fischer, J.D. NestWatch: Monitoring nesting birds with the power of citizen science. Volunteer trainer for NestWatch, a program of the Cornell Lab of Ornithology. Champaign, Illinois. April 2011. (oral presentation)

Fischer, J.D., and J.R. Miller. In the Garden Segment. The Morning Show on WCIA-WCFN, a local news broadcast for east-central Illinois. Champaign, Illinois. April 2011. (oral presentation)

Fischer, J.D., and J.R. Miller. Ecology of the feeder: what you should know about feeding birds. 2010. Urbana Exchange Club Meeting. Urbana, Illinois. December 2010. (oral presentation)

Fischer, J.D., and J.R. Miller. To feed or not to feed: the relationship between homeowners and urban birds as defined by the practice of bird feeding. Champaign County Audubon Society Meeting. Urbana, Illinois. May, 2010. (oral presentation)

SERVICE

Organized graduate student discussion group of new ecological research (Spring 2009)

University of Illinois- Urbana/Champaign — Program in Ecology, Evolution, and Conservation Biology

- Steering Committee Graduate Student Representative 2012-present
- Seminar Committee Graduate Student Representative 2010-2012
 - Assisted in preparing the seminar schedule for the year
 - Organized the selection of the Student Invited Speaker
- Graduate Student Representative at New Student Orientation Roundtable Discussion, (September 3, 2010)
- Hosted Seminar Speakers
 - Dr. Steve Lima (September 9, 2009)
 - Dr. David P. Hughes (December 8, 2010)
- Assisted with Prospective Graduate Weekend
 - Helped prepare FAQ for perspective students
 - Hosted 1 student (February 9-12, 2012)
 - Hosted 2 students (February 4-7, 2010)
 - Hosted 2 students (February 5-8, 2009)

University of Illinois- Urbana/Champaign — Student Chapter of the Wildlife Society

- Taught natural history at local grade schools
- Graduate Representative 2010-2011
 - Organized a summer research job fair for undergraduate students
 - Created a mentorship program to connect undergraduate and graduate students

University of Illinois- Urbana/Champaign — Department of Natural Resources and Environmental Sciences

- Hosted Seminar Speaker
 - Dr. Esteban Fernandez-Juricic (October 21, 2011)

University of Illinois- Urbana/Champaign — Graduates in Ecology, Evolution, and Conservation Biology

- 14th Annual Student Symposium — Student Judge (February 11, 2012)

PROFESSIONAL MEMBERSHIP

American Ornithologists' Union
The National Bird Feeding Society
Ecological Society of America
Wilson Ornithological Society