

Donald Edward Winslow
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Curriculum vitae
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I teach biology, ecology, and environmental science. I study the influence of landscape and habitat structure on animal populations. I promote sustainability and environmentally responsible practices.

Education

Indiana University, Ph.D. Ecology and Evolutionary Biology, Minor in Environmental Science, 2003.

Michigan State University, M.S. Zoology, 1990.

Indiana University, B.A. Zoology and Psychology, Minor in Chemistry, 1986.

Academic Appointments

August 2022-present, Assistant Teaching Professor of Life Sciences, Indiana Academy for Science, Mathematics, and Humanities. Appointment to teach high-achieving high school students.

August 2018-May 2022, Adjunct Faculty, Department of Science, Ivy Tech Community College, Indianapolis, IN. Appointment to teach introductory life science course.

August 2018-present, Contract Editor, American Journal Experts, Durham, NC 27701. I edit manuscripts for non-native English speaking researchers who are writing articles for submission to English-language biology journals.

January-May 2014, Adjunct Faculty, Department of Life Science and Kinesiology, St. Gregory's University, Shawnee, OK. Appointment to teach introductory life science course.

June 2008, June 2009, and June 2012, Reader for Advanced Placement Environmental Science exam with the Educational Testing Service, Princeton, NJ.

September-October 2011, Adjunct Faculty, College for Working Adults, St. Gregory's University, Shawnee, OK. Appointment to teach environmental studies course.

January-May 2011, Adjunct Faculty, Department of Life Science and Kinesiology, St. Gregory's University, Shawnee, OK. Appointment to teach biology and zoology lectures and laboratories.

August 2010-May 2011, Adjunct Faculty, Division of Engineering and Science, Rose State College, Midwest City, OK. Appointment to teach introductory biology.

August 2005-May 2010, Assistant Professor, Director of Conservation Biology, St. Gregory's University, Shawnee, OK. Head of Department of Life Science and Kinesiology from 2008-2010. I advised undergraduate students majoring in General Biology, Health Science, Pre-Veterinary Medicine, Conservation Biology, Biology Education, and other disciplines. I helped students find internships and mentored students who completed independent field studies of wildlife. Graduates of the conservation program established careers in environmental fields with private industry, tribes, and government agencies. Courses taught: biology, zoology, botany, genetics, cell biology, field biology, ecology, environmental science, environmental studies, evolution, conservation biology, research & technical writing, sustainable living, biogeography, aquatic biology, vertebrate natural history, ornithology, biostatistics, and senior seminar.

May-June 2003, Visiting Professor (for advanced field biology course), Department of Biology, Indiana University, Bloomington. Led students conducting scientific investigations of forest plants and animals. September 1992-May 2003, Associate Instructor, Department of Biology, Indiana University, Bloomington.

July 1993-July 2002, Field Biology Instructor, Summer Enrichment Program, Indiana University. Nature interpretation for minority high school students.

June 1987-June 1990, Teaching Assistant, Department of Biological Sciences, Michigan State University, East Lansing.

Grants

February 2015-February 2016, National Audubon Society. Shawnee Japanese Garden prairie restoration. Deane Carlberg, Rebecca Carlberg, and Donald Winslow, \$699.

May 1996-December 1997, USFWS. An experimental study of the effects of timber regeneration openings on the reproductive success of Neotropical migrant birds in Yellowwood State Forest. D. Winslow and D.R. Whitehead, \$5000.

April 1995-April 1997, National Fish and Wildlife Foundation. Factors influencing the reproductive success of Neotropical migrant landbirds in south-central Indiana: The effect of internal edge. D.R. Whitehead, R.R. Flaten, T.B. Ford, P.M. Hurley, and D.E. Winslow, \$135000.

April 1995-May 1996, USFWS. Effects of forest management practices on the reproductive success of Neotropical migrant landbirds in south-central Indiana. D.E. Winslow and D.R. Whitehead, \$3000.

May 1994-May 1995, National Fish and Wildlife Foundation. The effects of forest management practices on the reproductive success of Neotropical migrant landbirds in the forests of south-central Indiana. D.R. Whitehead, P.J. Doran, T.B. Ford, E.S. Geils, S.W. Koch, J.W. Norrgard, R.B. Slusher, C.L. Wilson, and D.E. Winslow, \$85255.

Research Projects

Fire ecology of Oklahoma grassland bird species, 2006-2008. I measured avian abundance before and after prescribed fires in rangeland.

At Grazinglands Agricultural Research Station, Ft. Reno, Oklahoma.

Avian communities of Wyoming riparian habitats, 2005. I surveyed birds and entered data. I used photointerpretation to map landscapes along three rivers in Wyoming and Nebraska, allowing quantification of native and non-native vegetation.

With Dr. Steve Slater, University of Wyoming, sslater@hawkwatch.org.

Sudden oak death and California coastal oak woodland avian communities, 2004. I measured abundance of breeding bird species in diverse coast live oak forests. I selected heuristic models of wildlife habitat relations to simulate projected avian population dynamics in diseased woodlands.

With Dr. William Tietje, University of California, tietje@berkeley.edu.

Forest management and Neotropical migrant birds in Indiana, 1992-2002. I studied effects of land management on breeding birds. I developed study designs, wrote successful grant proposals, and managed budgets. I hired, trained, and supervised teams of field staff who monitored bird nests throughout a forested landscape. I surveyed species of birds with a point-count protocol. I identified plants and measured vegetation and habitat variables. I used photointerpretation to characterize landscape variables, prepared maps, and created geographic information system databases. I collected and entered data, supervised data entry, analyzed data, prepared reports for funders, and published peer-reviewed articles. I suggested mitigation measures to state foresters and participated in the NEPA process on migratory bird and Endangered Species issues. I reviewed federal project and program documents. I provided comments to federal foresters and submitted administrative appeals of projects which I demonstrated were likely to cause unacceptable negative impacts on fish and wildlife resources and the human environment.

Ph.D. Dissertation with Dr. Don Whitehead, Indiana University.

Monitoring of bird populations in the Hoosier National Forest, 2000. I worked with federal partners to survey breeding bird abundance throughout the Hoosier National Forest.

Under contract with the U.S. Forest Service, Kelle Reynolds, kareynolds@fs.fed.us.

Genetic differentiation among sympatric populations of Marsh Wrens in Saskatchewan, 1991.

With Dr. Donald Kroodsma, University of Massachusetts, kroodsma@bio.umass.edu.

Home range and territoriality of Savannah Sparrows in southern Michigan, 1987-1989.

M.S. project, with Dr. Donald Beaver, Michigan State University, beaver@msu.edu.

Publications

Winslow, D.E. 2018. Review of Reinking, D. 2017. *Oklahoma Winter Bird Atlas*, University of Oklahoma Press, Norman. *Great Plains Research* 28(2):225-226.

Tietje, W.D.; D.E. Winslow; and D.J. Tempel. 2006. The effects of sudden oak death on wildlife—Can anything be learned from the American chestnut blight? In Frankel, S.J.; P.J. Shea; and M.I. Haverty; tech. coords. *Proceedings of the Sudden Oak Death Second Symposium: the State of our Knowledge*. January 2005; Monterey, CA. Gen. Tech. Rep. PSW-GTR-196. Albany, CA: Pacific Southwest Research Station, U.S. Forest Service.

Winslow, D.E.; and W. D. Tietje. 2006. Potential effects of sudden oak death on birds in coastal oak woodlands. In Frankel, S.J.; P.J. Shea; and M.I. Haverty; tech. coords. *Proceedings of the Sudden Oak Death Second Symposium: the State of our Knowledge*. January 2005; Monterey, CA. Gen. Tech. Rep. PSW-GTR-196. Albany, CA: Pacific Southwest Research Station, U.S. Forest Service.

Tempel, D.J.; W.D. Tietje; and D.E. Winslow. 2006. Vegetation and small vertebrates of oak woodlands at low and high risk for sudden oak death in San Luis Obispo County, California. In Frankel, S.J.; P.J. Shea; and M.I. Haverty; tech. coords. *Proceedings of the Sudden Oak Death Second Symposium: the State of our Knowledge*. January 2005; Monterey, CA. Gen. Tech. Rep. PSW-GTR-196. Albany, CA: Pacific Southwest Research Station, U.S. Forest Service.

Ford, T.B.; D.E. Winslow; D.R. Whitehead; and M.A. Koukol. 2001. Reproductive success of forest-dependent songbirds near an agricultural corridor in south-central Indiana. *The Auk* 118:864-873.

Winslow, D.E. 2001. Review of Smith, J.N.M.; T.L. Cook; S.I. Rothstein; S.K. Robinson; and S.G. Sealy (eds). *The Ecology and Management of Cowbirds and their Hosts: Studies in the Conservation of North American Passerine Birds*. University of Texas Press, Austin. *Ibis* 143:514-515.

Winslow, D.E.; D.R. Whitehead; C. Frazer Whyte; M.A. Koukol; G.M. Greenberg; and T.B. Ford. 2000. Within-landscape variation in patterns of cowbird parasitism in the forests of south-central Indiana. In Smith, J.N.M.; T.L. Cook; S.I. Rothstein; S.K. Robinson; and S.G. Sealy (eds). *The Ecology and Management of Cowbirds and their Hosts: Studies in the Conservation of North American Passerine Birds*. University of Texas Press, Austin.

Winslow, D.E. 1999. Mechanistic approaches to the investigation of edge effects on avian productivity. *Current Ornithology* 15:262-309.

Selected Posters and Presentations

Disturbance and its influence on species diversity and composition. Estrella Mountain Community College, Avondale, AZ, Mar 2017.

May and June Birds of Oklahoma. Multi-County Master Gardener Association, Shawnee, OK, May 2016.

The role of habitat structure. Deep Fork Audubon Society, Shawnee, OK, Mar 2012.

Creating urban bird habitat. Deep Fork Audubon Society, Shawnee, OK, Mar 2012.

Grassland bird response to fire in fields managed for cattle forage. ESA, Milwaukee, WI, Aug 2008.

Fire and grassland birds at Ft. Reno. Audubon Society of Central Oklahoma, Oklahoma City, Apr 2008.

Fire and grassland birds at Ft. Reno. Oklahoma Ornithological Society, Lawton, OK, Oct 2007.

Avian community of a grazed prairie managed with fire. Oklahoma Ornithological Society, Shawnee, OK, Nov 2006.

Habitat change and animal populations. St. Gregory's University, Shawnee, OK, Mar 2005.

Birds! Brandon Elementary School, Goleta, CA, Feb 2005.

Potential effects of an emerging tree disease on an avifauna: sudden oak death (*Phytophthora ramorum*) in coast live oak (*Quercus agrifolia*) forests in California. Second Sudden Oak Death Science Symposium, Monterey, CA, Jan 2005.

An experimental investigation of the effects of logging on success of Acadian Flycatcher (*Empidonax virescens*) nests in Yellowwood State Forest, Indiana. Society for Conservation Biology, Duluth, MN, Jul 2003.

Effects of forest management practices on reproductive success of Neotropical migrant birds in south-central Indiana. Sassafras Audubon Society, Bloomington, IN, May 2003.

An experimental investigation of the effects of logging on success of Acadian Flycatcher (*Empidonax virescens*) nests in Yellowwood State Forest, Indiana. Midwest Ecology and Evolution Conference, Bowling Green, OH, Mar 2002.

A resampling approach for contrasting avian nest survival rates. Indiana University Department of Biology, Bloomington, IN, Feb 2002.

Within-season variation in nesting success of forest birds in south-central Indiana. Indiana University Department of Biology, Bloomington, IN, Oct 2001.

Cowbird abundance, host abundance, and distance to forest openings in the Hoosier National Forest. Midwest Wildlife Society meeting, Nashville, IN, Mar 1999.

Brown-headed Cowbird density, host density, and level of parasitism. American Ornithologists' Union meeting, Minneapolis, MN, Aug 1997.

Landscape pattern and cowbird parasitism in the forests of south-central Indiana. North American Research Workshop on the Ecology and Management of Cowbirds, Austin, TX, Nov 1993.

Awards

25 May 2014. National Audubon Society, Presidential Recognition.

2 May 2006. St. Gregory's University Chapter of Alpha Epsilon Delta, Certificate of Appreciation.

Intramural Professional Service

August 2021-August 2022. Member of the School of Arts, Sciences, and Education Adjunct Faculty Committee at Ivy Tech Community College. I helped devise approaches for improving working conditions and opportunities for part-time faculty members.

August 2008-May 2010. I served as Head of the Department of Life Science and Kinesiology at St. Gregory's University. I coordinated faculty meetings, did course scheduling, standardized rubrics for the Senior Capstone course, and performed other administrative tasks.

August 2006-May 2010. At St. Gregory's University I served on the General Education Committee, the Institutional Review Board, the Library Committee (Chair), the Academic Standards Committee, the Writing Committee, and the Self-Study Committee for Student Learning and Effective Teaching.

Fall 1996-2000. I was Biology Representative to the Graduate Student Organization (GSO) at Indiana University Bloomington. I represented the interests of constituents in the Biology Department at GSO meetings. I served on the Graduate Employees Committee and the University Life Committee.

Spring-Summer 1998. I served as a graduate student representative to the Indiana University Council for Environmental Stewardship.

Extramural Professional Service

November 2021-present. Board member for the Wayne-Union Recycling and Solid Waste Management District. I am coordinating strategic planning efforts, participating in District decision-making, and helping with collection events.

March 2018-October 2021. Member of the Citizen's Advisory Committee for the Wayne-Union Recycling and Solid Waste Management District. I helped advise WUR board members and educate residents of Wayne County, Indiana, about the importance of waste reduction and opportunities to recycle.

August 2010-present. I am Webmaster for the Deep Fork Audubon Society. I develop on-line resources for members and the public. <http://deepfork.org>. I have also served as President and Secretary. I helped to reorganize the chapter after years of dormancy. I helped to write the constitution and bylaws. I organized and led field outings, planned and conducted meetings and programs, and kept records.

Spring 1995-present. I am a member of Heartwood, a forest protection network. I attend regional meetings to discuss strategies for encouraging responsible forestry and demonstrating the benefits of sustainable lifestyles. I served on the Board from October 1998 to October 1999.

January 2012-January 2017. I participated in the annual Pontotoc Ridge Winter Bird Count. I helped estimate abundance of birds at a Nature Conservancy preserve in southeast Oklahoma.

2006-2011. I have been an active member of Sustainable Shawnee. Sustainable Shawnee is a citizens' group that investigates strategies for helping the community of Shawnee, Oklahoma, to prosper now and in the future. I served as Chair of the Education Committee in 2007.

September 2007-October 2009. I have participated in the annual BioBlitz rapid biological inventory organized by the Oklahoma Biological Survey.

June 2007-October 2009. I served on the Oklahoma State Important Bird Area (IBA) Technical Committee. I helped to review potential sites for IBA designation and proofread designation proposals.

June 2009. I reviewed a manuscript submitted for publication in the North-Western Journal of Zoology.
April 2009. I reviewed grant proposals submitted to the Oklahoma Ornithological Society.

Summer 1996-Spring 2000. I was a Board Member of the Sassafras Audubon Society. I successfully appealed the Maumee-Poke Patch Salvage Sale in the Hoosier National Forest.

Certifications

2021. Online Education. Ivy Tech Community College, Indianapolis, IN.

2021. Virtual Education, Ivy Tech Community College, Indianapolis, IN.