

**Donald Edward Winslow, Ph.D.**  
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## **Education**

Indiana University, Bloomington, IN, 47405, Ph.D. Ecology and Evolution, 2003 (188 semester hours).  
Michigan State University, East Lansing, MI, 48825, M.S. Zoology, 1990 (71 quarter hours).  
Indiana University, Bloomington, IN, 47405, B.A. Zoology/Psychology, 1986 (165 semester hours).  
Thomas Carr Howe High School, Indianapolis, IN 46219, May 1982.

## **Work Experience** (You may contact any of my former supervisors.)

Adjunct Professor, August 2018-present, Ivy Tech Community College, 2535 N Capital Ave,  
Indianapolis, IN 46208. I teach an introductory biology course for science majors.  
*Reference: Science Department Chair Keith Vogelsang, 317-921-4366, [kvogelsang@ivytech.edu](mailto:kvogelsang@ivytech.edu)*

Contract Editor, August 2018-present, American Journal Experts, 601 West Main Street, Suite 102,  
Durham, NC 27701. I edit manuscripts for non-native English speaking researchers who are writing  
articles for submission to English-language biology journals.  
*Reference: Shelly Houghton, [shelly.houghton@researchsquare.com](mailto:shelly.houghton@researchsquare.com)*

Webmaster, August 2010-present, Deep Fork Audubon Society, 8 Vivian Terrace, Shawnee, OK 74804.  
I host and maintain the website for the Deep Fork Audubon Society, <http://deepfork.org>.  
*Reference: President Deane Carlberg, 405-406-1404, [emerson.carlberg@sbcglobal.net](mailto:emerson.carlberg@sbcglobal.net)*

Vote Count Recorder, May 2018, Edison Research, 6 W. Cliff St., Somerville, NJ 08876. I called in  
vote tallies on election night.  
*Reference: Election Coordinator Michelle Raymondi, 888-325-8683, [mraymondi@edisonresearch.com](mailto:mraymondi@edisonresearch.com)*

Secretary, May 2013-September 2017 (volunteer), Deep Fork Audubon Society, 8 Vivian Terrace,  
Shawnee, OK 74804. I kept records and developed online resources for members and the public. I led  
field outings and delivered presentations to interested audiences. I helped to develop a grassland  
restoration project.  
*Reference: President Deane Carlberg, 405-406-1404, [emerson.carlberg@sbcglobal.net](mailto:emerson.carlberg@sbcglobal.net)*

Adjunct Faculty member, January 2011-May 2014 (\$2640-\$5670 for 4 months, 14-30 hours/week),  
Department of Life Science and Kinesiology, St. Gregory's University, Shawnee, OK 74804. I taught  
lecture and laboratory sections of biology and zoology courses and assessed student achievement. I  
have also taught a course in environmental studies for adult business students.  
*Reference: Br. Damian Whalen, [brdamian@monksok.org](mailto:brdamian@monksok.org)*

President, August 2010-May 2013 (volunteer), Deep Fork Audubon Society, 8 Vivian Terrace,  
Shawnee, OK 74804. 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. *Reference: Audubon Council Chair John Kennington, [johnkennington@gmail.com](mailto:johnkennington@gmail.com)*

Reader, June 2008 and June 2009 and June 2012 (\$1450-\$1604 for 9 days, 40 hours/week), Advanced Placement Environmental Science examination with the Educational Testing Service, Rosedale Road, Princeton, NJ 08541. I read and scored free-response essays written by high school students for AP Environmental Science exams. *Reference: Chief Reader Art Samel, 419-372-9321, asamel@bgsu.edu*

Adjunct Faculty member, August 2010-May 2011 (\$4772.88 for 4 months, ~30 hours/week), Division of Engineering and Science, Rose State College, 6420 Southeast Fifteenth Street, Midwest City, OK 73110-2799. I taught lecture and laboratory sections of an introductory biology course, graded, and assessed learning goals.

*Reference: Associate Dean of Eng. and Science, Linda Tucker, 405-733-7450, ltucker@rose.edu*

Assistant Professor, Director of Conservation Biology, August 2005-May 2010 (\$32,000-\$36,000 for 9 months, 40+ hours/week), St. Gregory's University, 1900 W. MacArthur St., Shawnee, OK 74804. Head of Department of Life Science and Kinesiology from 2008-2010. I taught university courses in biology and ecology, advised students, served on faculty committees, supervised lab staff, coordinated departmental work. I directed the Conservation Biology program, developing objectives and curriculum and assessing program effectiveness.

*Reference: Br. Damian Whalen, brdamian@monksok.org*

Research Technician, May-July 2005 (\$10/hour, 40 hours/week), University of Wyoming, Biological Sciences, 1000 E. University Ave., Laramie, WY 82071. I surveyed birds, mapped landscapes using photointerpretation, and entered data for a research project on avian communities of Wyoming riparian habitats.

*Reference: Project Director Steve Slater, 801-484-6808, x108, sslater@hawkwatch.org*

Project Manager, 2-12/2004 (\$2662/month, 20-40 hrs/wk), University of California Cooperative Extension, 2156 Sierra Way, Suite C, San Luis Obispo, CA 93401. Working with colleagues, I studied effects of a tree disease on terrestrial vertebrate populations. I designed and conducted an investigation of avian habitat associations in diverse coastal oak woodlands, using a point count survey technique. I coordinated research schedules with landowners. I prepared a map to cluster count points for analysis. I analyzed data and published results.

*Reference: Natural Resources Specialist William Tietje, 805-781-5938, tietje@berkeley.edu*

Camp Counselor, 7/2003 (\$300/wk, 20 hrs/wk), Mt. Gilead Friends Retreat, 3363 Mt. Gilead Rd, Bloomington, IN 47408. I planned games and activities for Nature Day Camp, taught children about birds and aquatic ecology, facilitated outdoor group activities, and played in the creek.

*Reference: Retreat Director Donna Eder, 812-332-4074, eder@indiana.edu*

Visiting Professor, 5-6/2003 (\$4019/6 wks, 40 hrs/wk), Dept. of Biology, JH142, Indiana University, 1001 E. 3<sup>rd</sup> St, Bloomington, IN 47405. I designed and taught an advanced field biology course, planned exercises, coordinated with the Associate Instructor, provided transportation, interpreted natural history, trained students in field methods, lectured, instructed students in the use of computer applications, helped students design and conduct research projects, evaluated and graded student work.

Associate Instructor, 9/1992-5/2003 (\$11,000-\$14,640/10 mos, 20 hrs/wk), Dept. of Biology, JH142, Indiana University, 1001 E. 3<sup>rd</sup> St, Bloomington, IN 47405. I facilitated laboratory, discussion, and field classes. I instructed students in a variety of courses, graded papers, coordinated with other instructors, supervised Undergraduate Teaching Interns, delivered guest lectures, provided logistical support, etc.

Research Associate, 4/1992-12/2002 (\$1500-\$2700/summer, 40+ hrs/wk year-round), Dept. of Biology, JH142, Indiana University, 1001 E. 3<sup>rd</sup> St, Bloomington, IN 47405. I investigated effects of timber harvest and other land management practices on breeding birds. I developed study designs, wrote successful grant proposals, and managed budgets. I hired, trained, and supervised a team of field assistants who monitored bird nests throughout a forested landscape in south-central Indiana. 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. I prepared maps and created geographic information system databases. I collected and entered data and supervised data entry, analyzed data, prepared reports for funders, and published peer-reviewed articles. I proposed mitigation measures to state and federal natural resource agencies and participated in the NEPA process on migratory bird and Endangered Species issues. I evaluated biological portions of Environmental Assessments, Environmental Impact Statements, Forest Plans, Strategic Plans, and other federal project and program documents. I provided comments to federal foresters and submitted administrative appeals of projects which were likely to cause unacceptable negative effects on fish and wildlife resources.

Summer Enrichment Program Instructor, 7/1993-7/2002 (1 week each summer, \$150/wk, 20 hrs/wk), Dept. of Biology, JH142, Indiana University, 1001 E. 3<sup>rd</sup> St, Bloomington, IN 47405. I led field trips for minority high school students. I taught natural history, field biology techniques, ornithology, edible plants, etc. *Reference: Lecturer Claire Nisonger, 812-855-8940, cnisonge@indiana.edu*

Project Manager, 4-10/2000 (\$8.41/hr, 40+ hrs/wk), Dept. of Biology, JH142, Indiana University, 1001 E. 3<sup>rd</sup> St, Bloomington, IN 47405. I measured abundance of breeding birds throughout the Hoosier National Forest for the U.S. Forest Service Long-term Monitoring project. I hired assistants, developed protocols, relocated census points, rewrote descriptions of census point locations, conducted point counts of breeding birds, entered data and supervised data entry, analyzed data, and wrote the report. *Reference: Biologist Kelle Reynolds, kareynolds@fs.fed.us*

Research Assistant, 5-8/1991 (\$4885.92/summer, 40 hrs/wk), Morrill Science Center North, 639 N. Pleasant St., University of Massachusetts, Amherst, MA 01003. I helped conduct a study of genetic differentiation among sympatric populations of Marsh Wrens in Saskatchewan. I gridded and staked wetland field plots, captured and banded adult and juvenile Marsh Wrens, took blood samples, recorded songs of males, and compiled data. *Reference: Emeritus Professor Donald Kroodsmas, 413-545-4361, kroodsmas@bio.umass.edu*

Teaching Assistant, 6/1987-6/1990 (\$10,023/yr, 20 hrs/wk), Dept. of Zoology, NS203, Michigan State University, East Lansing 48824-1115. I facilitated laboratory, field, and discussion classes, instructed students in a variety of courses, graded papers, coordinated with other instructors, delivered guest lectures, provided logistical support, etc. *Reference: Professor Emeritus Donald Beaver, 970-494-0305, beaver@msu.edu*

Camp Naturalist, 5/1985-8/1985 (\$800/summer), Camp Wyman, Eureka, MO 63025. I taught young children natural history and outdoor skills.

Cabin Counselor, 5/1984-8/1984 (\$700/summer), Camp Wyman, Eureka, MO 63025. I helped young children through their daily routines at camp.

### **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**

Impacts of prescribed fire on birds breeding in grasslands managed for livestock grazing, 2006-2008. At Grazinglands Agricultural Research Station, Ft. Reno, Oklahoma.

Avian communities of Wyoming riparian habitats, 2005.  
With Dr. Steve Slater, University of Wyoming, [sslater@hawkwatch.org](mailto:sslater@hawkwatch.org).

Sudden oak death and California coastal oak woodland avian communities, 2004.  
With Dr. William Tietje, University of California, [tietje@berkeley.edu](mailto:tietje@berkeley.edu).

Forest management and Neotropical migrant birds in Indiana, 1992-2002.  
Ph.D. Dissertation with Dr. Don Whitehead, Indiana University.

Monitoring of bird populations in the Hoosier National Forest, 2000.  
Under contract with the U.S. Forest Service, Kelle Reynolds, [kareynolds@fs.fed.us](mailto:kareynolds@fs.fed.us).

Differentiation among sympatric populations of Marsh Wrens in Saskatchewan, 1991.  
With Dr. Donald Kroodsma, University of Massachusetts, [kroodsma@bio.umass.edu](mailto: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](mailto:beaver@msu.edu).

Signaling behavior of three-spined sticklebacks, 1986.  
B.A. project, with Dr. William Rowland, Indiana University.

## **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). 2000. *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, March 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, March 2012.

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

Grassland bird response to fire in fields managed for cattle forage. Ecological Society of America, Milwaukee, WI, August 2008.

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

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

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

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

Birds! Brandon Elementary School, Goleta, CA, February 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, January 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, July 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, March 2002.

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

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

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

Brown-headed Cowbird density, host density, and level of parasitism. American Ornithologists' Union meeting, Minneapolis, MN, August 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, November 1993.

**Manuscript reviews** for North-Western Journal of Zoology (Romania)

## **Proposal reviews** for Oklahoma Ornithological Society

### **Community Involvement**

March 2018-present. I am a member of the Citizen's Advisory Committee for the Wayne-Union-Randolph Recycling Board. I help educate residents of Wayne County, Indiana, about the importance of waste reduction and opportunities to recycle.

September 2009-present. I am Webmaster for the Deep Fork Audubon Society. 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 organize and lead field outings, plan and conduct meetings and programs, keep records, and develop on-line resources for members and the public. <http://deepfork.org>

2006-present. 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.

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 promoting sustainable lifestyles. I served on the Board from October 1998 to October 1999.

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.

August 2008. I provided comments to USDA APHIS regarding a permit application that would increase the scale of genetically-engineered eucalyptus plantations in the southeastern USA.

### **Technical Skills**

Ecological research design, bird and vegetation surveys, inventory and monitoring.

Database management, statistical analysis, R, SPSS, SAS, SYSTAT.

Relational databases, database and protocol development, data QA/QC, Microsoft Access.

Geographic information systems, global positioning systems, photointerpretation.

Course Management software--Moodle, Blackboard, Desire2Learn.

System administration--GNU/Linux, Android, Windows, Mac OS X, iOS.

Productivity--LibreOffice, Microsoft Office, Outlook, GnuCash, Glabls, nano, bluefish, vim, Emacs.

Apache Webserver, php, MySQL, MariaDB, Wordpress, html.

Bash scripting, networking, routing, DNS, audio and video transcoding, printers.

Systemd, OpenSSH, Sendmail, SELinux, logical volume management.

### **Awards**

25 May 2014. National Audubon Society, Presidential Recognition.

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