

## CURRICULUM VITAE

### **Dale E. Gawlik, Ph.D.**

*Endowed Chair for Conservation and Biodiversity  
Harte Research Institute for Gulf of Mexico Studies  
Texas A&M University Corpus Christi  
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### EDUCATION

**Doctor of Philosophy in Wildlife Science**, Texas A&M University, College Station, Texas, 1994.  
**Master of Science in Biology**, Winthrop University, Rock Hill, South Carolina, 1988.  
**Bachelor of Science in Wildlife**, University of Wisconsin Stevens Point, Stevens Point, Wisconsin, 1984.

### MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Ornithological Society  
Association of Field Ornithologists  
Ecological Society of America  
Florida Chapter of The Wildlife Society  
IUCN Heron Specialist Group  
IUCN Stork, Ibis, and Spoonbill Specialist Group  
Texas Chapter of The Wildlife Society  
Texas Colonial Waterbird Society  
The Wildlife Society  
Waterbird Society  
Wilson Ornithological Society

### CERTIFICATIONS

**Certified Senior Ecologist**, The Ecological Society of America, 2006 to present.  
**Master Bird Bander**, U.S. Geological Survey Bird Banding Lab, 2004 to present.  
**Certified Wildlife Biologist**, The Wildlife Society, 1999 to present.

### AWARDS AND HONORS

**Fellow**, American Ornithological Society 2020-present.  
**Keynote address**, Florida Ornithological Society 2018.  
**Plenary Speaker**, Florida Chapter of The Wildlife Society 2017.  
**Researcher of the Year (Professor level)**, Charles E. Schmidt College of Science, Florida Atlantic University, 2016.  
**Researcher of the Year (Associate Professor level)**, Florida Atlantic University, 2009.  
**Researcher of the Year (Associate Professor level)**, Charles E. Schmidt College of Science, Florida Atlantic University, 2009.  
**Service Recognition**, South Florida Ecosystem Restoration Task Force, 2008.  
**Florida Atlantic University Faculty Research Incentive Award**, Florida Atlantic University, 2006.  
**Plenary speaker** for Symposium on Coastal Restoration and Enhancement through Science and Technology (CREST), Thibodaux, LA, 2003.  
**Elective Member**, American Ornithologists Union, 2002-2020.  
**Employee of the month**, South Florida Water Management District, December 2002.  
**Team of the month**, Natural System Drought Team, Watershed Research and Planning Department, South Florida Water Management District, 2001.  
**Outstanding Doctoral Candidate of the Year**, Department of Wildlife and Fisheries Sciences, Texas A&M University, 1993.

**Student Paper of the Year**, Annual Wilson Ornithological Society Meeting, 1987.  
**Paul A. Stewart Award**, Wilson Ornithological Society, 1987.  
**Paul A. Stewart Award**, Wilson Ornithological Society, 1986.  
**Student Membership Award**, Wilson Ornithological Society, 1986.

## FELLOWSHIPS

**Senior Visiting Fellow**, *Australian Wetlands and River Centre, University of New South Wales*, 2011-2012.  
**Tom Slick Senior Graduate Fellow**, *Texas A&M University*, 1993 - 1994.

## EMPLOYMENT

### **Endowed Chair for Conservation and Biodiversity, and Professor**

*Harte Research Institute for Gulf of Mexico Studies, Texas A&M University Corpus Christ*, 2021-present.  
Leading a research lab focused on conservation issues in the Gulf of Mexico, with an emphasis on water birds and coastal aquatic ecosystems.

**Director, Environmental Science Program**, *Charles E. Schmidt College of Science*, 2007 - 2020. Expanded the interdisciplinary program in Environmental Science among the 6 departments in the Charles E. Schmidt College of Science and departments in several other colleges. Oversaw increased enrollment to historic high and improved qualifications of applicants. Enhanced the vertical integration of MS program with undergraduate curriculum and PhD students and post docs in a robust research initiative on aquatic restoration. The Environmental Sciences Program through the research initiative builds on considerable synergistic activities with institutions such as the U.S. Geological Survey, National Park Service, U.S. Fish and Wildlife Service, South Florida Water Management District, Harbor Branch Oceanographic Institute at FAU, the Palm Beach County Zoo, and Florida Power and Light Company. The Environmental Sciences Program administered a Ph.D. degree in Integrative Biology with emphasis in Environmental Science, thesis and nonthesis MS degrees in Environmental Science, a combined BS in Biology to MS in Environmental Science, an undergraduate certificate in Environmental Science, and a graduate certificate in Environmental Restoration.

**Professor**, *Department of Biological Sciences, Florida Atlantic University*, 2013 – 2020.

**Associate Professor**, *Department of Biological Sciences, Florida Atlantic University*, 2008 – 2013.

**Assistant Professor**, *Department of Biological Sciences, Florida Atlantic University*, 2003 – 2008. Research was aimed at understanding the wetland ecosystem processes that control populations of wading birds, with particular emphasis on hydrology and nutrients. Also emphasized study of the processes that make food available to birds and the various responses of birds to varying levels of food availability. Related questions dealt with various wetland processes and effects on other birds and aquatic fauna. Heavy emphasis on use of in situ experiments in macro and mesocosms as well as large scale sampling studies and the development of GIS habitat models and resource selection functions. Advised undergraduate, MS, and Ph.D. students who conduct research in wetland and avian ecology. Taught graduate courses in Ecology and Conservation Biology and an undergraduate course in Ecology.

**Senior Environmental Scientist (Avian Ecologist)**, *Everglades Division, Landscape Processes Group, South Florida Water Management District*, 1994 – 2003. Designed, directed, and conducted field research on the effects of hydrologic properties and nutrients on aquatic vertebrate communities in the Everglades, with special emphasis on wading birds and avian communities. Directed a team of research associates and field technicians and managed an annual program budget of \$ 0.2 - 0.7 mil. Conceived of and directed the construction and operation of a 30-ha physical model system of the Everglades (series of 7-ha macrocosms) to be used for multidisciplinary studies of wading birds and aquatic fauna, tree islands, vegetation communities, and peat soils.

**Postdoctoral Research Associate**, *Texas A&M University*, Sep - Oct 1994. Effects of spatial scale and environmental variability on temporal patterns of nesting colonial waterbirds along the Texas coast.

**Graduate Research Assistant**, *Texas A&M University*, 1990 - 1993. Ph.D. research on the effects of competition and predation on community patterns of geese.

**Research Supervisor**, *Environmental Labs Inc*, Apr - Jul 1990. Directed field research and supervised 11 technicians involved in a toxicology study on golf courses in central Florida. Organized data collection, monitored data quality, coordinated activities with golf course personnel, and directed pesticide treatments.

**Biologist**, *Environmental Labs Inc*, May - Sep 1988 and Apr - Jul 1989. Impacts of pesticides on avian communities in golf courses in Florida and corn fields in Nebraska. Conducted bird surveys, small mammal censuses, vegetation surveys, determined bird-carcass removal rates by predators, and mist-netted and color-marked a wide variety of birds.

**Biological Consultant**, Savannah River Ecology Laboratory, Aiken, South Carolina, 1987 - 1988. Response of avian community to planted wetland vegetation on newly created reservoirs at the Savannah River Plant.

**Graduate Research Assistant**, Winthrop University, 1985 - 1987. Thesis research on loggerhead shrikes and American kestrels.

**Wildlife Technician**, U.S. Fish & Wildlife Service, Northern Prairie Wildlife Research Center, Jamestown, ND, Apr - Jul 1985. Located waterfowl nests, predator nests or dens, and analyzed vegetation as part of an ongoing study of mallard recruitment rates.

**Research Assistant**, University of Wisconsin Stevens Point, Dec 1984 - Apr 1985. Radio-telemetry study of red fox and greater prairie chickens. Assembled and attached radio transmitters to fox and prairie chickens, and monitored their movements throughout the winter.

**Research Coordinator**, Dr. R. K. Anderson, University of Wisconsin Stevens Point, Stevens Point, WI, May - Aug 1984. Supervised 2-3 technicians, located northern harrier nests, trapped and marked adult harriers, and followed their movement patterns. Surveyed small mammal populations, analyzed nesting vegetation, monitored kestrel nest boxes, and banded young and adult kestrels.

**Research Coordinator**, Drs. Fredrick and Frances Hamerstrom, Plainfield, WI, Jun - Aug 1981. Supervised 1-2 technicians, located northern harrier nests, trapped and marked adult harriers, and observed their movement patterns. Surveyed small mammal populations, analyzed nesting vegetation, monitored kestrel nest boxes, and banded young and adult kestrels. Primary author of Project Guidelines for conducting the 22-year study.

## ELECTED POSITIONS

**Chair, Advisory Board**, Texas Colonial Waterbird Society, 2022-2023

**Secretary**, Association of Field Ornithologists, 2016-2020

**Councilor**, Waterbird Society, 2017-2019

**Councilor**, Wilson Ornithological Society, 2016-2018.

**Councilor**, Association of Field Ornithologists, 2013-2016.

**President-elect, President, Past President**, Florida Chapter of The Wildlife Society, 2010 – 2014.

**Vice President**, Florida Chapter of The Wildlife Society, 2007-2009.

**Representative to the Southeast Section of The Wildlife Society**, Florida Chapter of The Wildlife Society, 2005-2007.

**Secretary**, Florida Chapter of The Wildlife Society, 2003-2005.

**Executive Board Member at Large**, Florida Chapter of The Wildlife Society, 2001 -2003.

**Chair Elect, Chair, Past Chair, Restoration Working Group**, The Wildlife Society, 1999-2003.

## ACADEMIC COMMITTEES

**Promotion and Tenure Committee**, College of Science, Texas A&M University Corpus Christi, 2023.

**Search Committee for Endowed Chair for Socio-Economics**, Harte Research Institute for Gulf of Mexico Studies, Texas A&M University Corpus Christi, 2021 and 2023-2024

**Chair, Search Committee for Endowed Chair for Coastal and Marine Policy and Law**, Harte Research Institute for Gulf of Mexico Studies, Texas A&M University Corpus Christi, 2021-2022

**Search Committee for Director of the Center for Coastal Studies**, Texas A&M University Corpus Christi, 2021

**Data Integrity Board**, Florida Atlantic University, Division of Research, 2019-2020

**Chair, Integrative Biology in Environmental Science PhD Program**, Department of Biology, Florida Atlantic University, 2015-2020

**Integrative Biology PhD Program Committee**, Department of Biology, Florida Atlantic University, 2015-2020.

**Graduate Programs Committee**, College of Science, Florida Atlantic University, 2012-2020.

**Executive Committee for Charles E. Schmidt College of Science**, Florida Atlantic University, 2009-2020.

**Chair, Environmental Science Program Committee**, College of Science, Florida Atlantic University, 2007-2020.

**Chair, Boating Diving Safety Committee**, Florida Atlantic University, 2017-2018

**Search Committee for Director of Harbor Branch Oceanographic Institute**, Florida Atlantic University, 2015-2016.

**Search Committee for Director FAU Center for Environmental Studies**, Florida Atlantic University, 2014.

**Steering Committee for University Research Theme: Coastal and Marine**, Florida Atlantic University, 2012-2013.

**Search Committee for Director of Harbor Branch Oceanographic Institute**, Florida Atlantic University, 2010.

**Search Committee Assistant/Associate Professor (Plant Ecologist)**, Department of Biology, Florida Atlantic University, 2009.

**Florida Department of Environmental Protection and FAU Coordination Committee**, Florida Atlantic University, 2007-2010.

**Integrative Biology Ph.D. Admissions Committee**, College of Science, FAU, 2005- 2014.

**Chair, Faculty Search Committee Ecological Modeler**, Department of Biology, Florida Atlantic University, 2005.

**MS Biology Program Committee**, Department of Biology, FAU, 2004- 2017.

**Graduate Student Advisory Council**, College of Agriculture and Life Sciences, Texas A&M University, 1992 - 1993. Developed recommendations for the expenditure of Graduate Program Enhancement Funds at the college level.

**Graduate Affairs Committee**, Department of Wildlife and Fisheries Sciences, Texas A&M University, 1992 - 1993. Developed recommendations on graduate affairs for graduate faculty.

## PROFESSIONAL COMMITTEES

**Whooping Crane Recovery Plan Development Team**, U.S. Fish & Wildlife Service, 2023-present.

**Waterbirds journal Advisory Board**, Waterbird Society, 2022-present.

**Implementation Team for Habitat and Living Resources**, Coastal Bend Bays and Estuaries Program, 2022-present.

**Technical Advisory Committee**, Texas General Land Office, 2022-present

**Chair, Planning Committee**, Waterbird Society Annual Conference, 2021-2022.

**Bylaws Committees**, Wilson Ornithological Society, 2016-present.

**Steering Committee**, IUCN Heron Specialist Group Meeting, 2015.

**Reddish Egret Working Group**, U.S. Fish and Wildlife Service, 2005-present.

**Wood Stork Working Group**, U.S. Fish and Wildlife Service, 2005-present.

**Program Committee**, Gulf of Mexico Conference (GOMCON) 2022, 2021-2022.

**Publications Committee**, Association of Field Ornithologists, 2019-2020

**Publications Committee**, Wilson Ornithological Society, 2016-2019.

**Program Committee**, 2015, 2017, and 2019 Greater Everglades Ecosystem Restoration Conference.

**Research Advisory Council**, Rookery Bay National Estuarine Research Reserve, 2015-2016.

**Best Student Publication Committee**, Association of Field Ornithologists, 2013-2015.

**Student Travel Award Committee**, Association of Field Ornithologists, 2013-2014.

**Science Advisory Committee**, Gulf Coast Bird Observatory, Lake Jackson, Texas, 2012 – 2015.

**Science Advisory Committee for the Whooping Crane Eastern Partnership**, U.S. Fish and Wildlife Service, 2011-2013.

**Local Arrangements Committee: Chair, Fieldtrips, 2008 International Conference of The Wildlife Society**, Florida Chapter of The Wildlife Society, 2007-2008.

**Aldo Leopold Memorial Award Committee**, The Wildlife Society, 2007.

**Scholarship Committee**, Florida Ornithological Society, 2006-2007.

**Chair, Aldo Leopold Memorial Award Committee**, The Wildlife Society, 2006.

**Cruickshank Award Committee**, Florida Ornithological Society, 2005-2009.

**Peer Review Panel Member for Kissimmee Chain of Lakes Long-term Management Plan Conceptual Ecosystem Model**, South Florida Water Management District, 2005.

**Louis Agassiz Fuertes Award Committee**, Wilson Ornithological Society, 2004-2005.

**Aldo Leopold Memorial Award Committee**, The Wildlife Society, 2005.

**Isolated Wetland Drawdown Criteria Working Group**, 1999 - 2000.

**Critical Ecosystem Studies Initiative Program, Science Advisory Committee**, 1999 – 2000.

**Chair, Membership Committee**, Florida Chapter of The Wildlife Society, 1999 - 2001.

**Central Everglades Subteam of the Scientific Advisory Team to the U.S. Army Corp of Engineers**

**Central and South Florida Restudy**, 1997 – 2000.

**Honorary Membership and Special Recognition Service Award Committee**, The Wildlife Society, 1994 – 1995 and 1999 - 2000.

Southern Everglades Restoration Alliance, Natural Systems Team, 1995 – 1999.  
Wading Bird Success Criteria Team of the Science Sub-group of the South Florida Ecosystem Restoration Interagency Working Group of the South Florida Ecosystem Restoration Task Force, 1996 – 1997.  
International Shrike Working Group North American Section, 1993 - 1995.

## OTHER PROFESSIONAL EXPERIENCE

**Plenary Panelist**, Lake Okeechobee: the big water. *Everglades Coalition Conference*, Sanibel Island, FL, 2020.  
**Academic promotion portfolio reviewer**, *University of New South Wales*, Sydney, NSW, 2019.  
**Co-organized symposium** entitled Porous boundaries: anticipating the rising influence of the urban system on Everglades' fauna. *Greater Everglades Ecosystem Restoration Conference*, Coral Springs, FL, 2019.  
**Co-organized symposium** entitled System-wide science: translating a trophic hypothesis foundation for restoration. *Greater Everglades Ecosystem Restoration Conference*, Coral Springs, FL, 2015.  
**Co-organized symposium** entitled Biology of the Great Egret. *Waterbird Society Conference*, La Paz, Mexico, 2015.  
**Academic promotion portfolio reviewer**, *Department of Earth and Environment, Florida International University*, 2014.  
**Panelist** for evaluation of Society of Ecological Restoration International Primer on Ecological Restoration. Conference on Ecological and Ecosystem Restoration, New Orleans, 2014.  
**Panelist** for Everything Everglades: an in-depth discussion on the ecology, sustainability, social justice and the arts in the Everglades. *College of Arts and Letters, Florida Atlantic University*, 2014.  
**Organized training workshop on python handling and safety**, with Nature Conservancy, Florida Fish and Wildlife Conservation Commission, and Miami Dade Fire Rescue, *Florida Atlantic University*, June 2012.  
**Panelist**, Invasive Species Workshop, *Palm Beach State College*, Boca Raton, FL, 2012.  
**Reviewer**, Biological Status Review of Florida's Threatened Species Program, *Florida Fish and Wildlife Conservation Commission*, 2010.  
**Dissertation Reviewer**, *University of New South Wales*, Sydney, Australia, 2010.  
**Dissertation Reviewer**, *University of New England*, Armidale, Australia, 2010.  
**Co-organized symposium** entitled System-wide Science: Translating a Trophic Hypothesis Foundation for Restoration. Greater Everglades Ecosystem Restoration Conference, 2010, Naples, FL.  
**Panelist**, Scripps Howard Institute on the Environment: Continuing education for journalists. *Florida Atlantic University*, 2009.  
**Panelist**, Oil and Gas Impacts in the Big Cypress Ecosystem. *The Everglades Foundation*, 2009-2010.  
**Co-organized a workshop entitled Climate Change and Greater Everglades Restoration**. *Florida Atlantic University*, 2008.  
**Co-organized a workshop entitled Development of a Tree Island Conceptual Ecological Model and Tree Island Performance Measures**. *Florida Atlantic University*, 2007.  
**Everglades Restoration Workshop Organizer**, *Florida Atlantic University*, 2007 and 2008. Brought together senior scientists involved in Everglades restoration to discuss alternatives under changing water availability scenarios.  
**Editorial Board Member**, *The Scientific World*, 2000-2003.  
**Editor, South Florida Wading Bird Report**, 1996-2003.  
**Visiting Scientist**, *Long-term study of snow goose ecology in La Perouse Bay, Manitoba, Jun 1992*, by Dr. Fred Cooke. Conducted nest searches and time-activity budgets of nesting snow geese.  
**Research Coordinator**, *Texas A&M University*, 1990 - 1994. Supervised 4-8 technicians and compiled data related to the observation of neck-banded geese wintering in Texas. Organized and participated in capturing geese with rocket nets and attaching neck-bands.  
**Manuscript Referee**, 1985 – Present, *American Midland Naturalist*, *Auk*, *Conservation Biology*, *Conservation Ecology*, *Ecology*, *Florida Field Naturalist*, *Ibis*, *Journal of Animal Conservation*, *Journal of Field Ornithology*, *Journal of Raptor Research*, *Journal of Wildlife Management*, *Science of the Total Environment*, *Southwest Naturalist*, *Waterbirds*, *Wetlands*, and *Wilson Journal of Ornithology*.  
**Assistant Editor**, *Wilson Bulletin*, Aug 1985 - Dec 1987. Edited, refereed, and guided manuscripts through all stages of the editorial process.  
**Research Assistant and Naturalist**, *Little Lewis Whirlwind Nature School and Sanctuary, Jay, OK*, May - Aug 1983. Lead and assisted in nature interpretive walks, collected plants for herbarium, conducted breeding bird surveys, and banded ruby-throated hummingbirds and songbirds.

**International Natural Resources Management Training**, *University of Wisconsin Stevens Point, 1982.*

Summer course West Germany on integrated forestry, wildlife, water, and soil resource management.

**Research Assistant**, *Drs. Fredrick and Frances Hamerstrom, Plainfield, WI, Jun - Aug 1976 - 1979.* While in Junior High School and High School, assisted with long-term research project on breeding biology of northern harriers and American kestrels. Developed field skills and set career goals.

## TEACHING

**Instructor**, *Texas A&M Corpus Christi, Biodiversity and Conservation Biology (MARB 6373-001).*

Developed and taught graduate course on the principles of Conservation Biology, incorporating elements of a Special Topics course taught over the preceding two years. Format is lecture, team projects, guest speakers, paper discussions, and field trips.

**Instructor**, *Texas A&M Corpus Christi, Special Topics: Conservation Biology (BIOL 5590.002).* Developed and taught new graduate course on the principles of Conservation Biology. Format is lecture, team projects, guest speakers, paper discussions, and field trips.

**Workshop Co-Instructor**, 2022. Modeling water level dynamics in intertidal zones using the Time-integrated Model of Shallow-water Availability (TiMSA), virtual.

**Workshop Co-Instructor**, 2022. Surveying nesting colonial waterbirds with drones. Corpus Christi Texas. Attended by environmental professionals from Gulf of Mexico states in the U.S. and Mexico.

**Instructor**, *Florida Atlantic University, Conservation Biology (PCB 6045).* Developed and taught new graduate course on the principles of Conservation Biology. Format is lecture, team projects, guest speakers, paper discussions, and field trips.

**Instructor**, *Florida Atlantic University, Seminar in Emerging Topics in Avian Ecology (Zoo 6544C).* Developed and taught new graduate course focusing on recent topics in the literature. Format is student-led discussion with introductory and synthesis lectures by the instructor.

**Instructor**, *Florida Atlantic University, Principles of Ecology (PCB 4043).* Taught this existing large enrollment undergraduate course required for biology majors. In 2017 the class was radically changed to a “flipped” format combining, weekly outside simulation exercises, in-class polling devices using the “think-pair-share” technique, as well as discussion and lecture.

**Advisor for undergraduate Fellows** in National Science Foundation Undergraduate Research and Mentoring program in the Department of Biological Sciences at Florida Atlantic University (2009-2013).

**Workshop instructor**, *Lamanai Field Research Station, Orangetown, Belize, 2003.* Member of U.S. scientific team conducting training on research and monitoring for Belizean scientists.

**Contributing Naturalist**, *University of Florida, Institute of Food and Agriculture Science, 2001,* Training film for Florida Master Naturalist Program, Freshwater Wetlands Module (FW14).

**Doctoral candidate graduate committee member**, *University of Florida, Department of Wildlife Ecology and Conservation, 1998 – 2002.*

**Courtesy Assistant Professor of Biology**, *Department of Biology, Florida International University, 1996 – 1999.*

**Contributing Instructor**, *University of Florida, Institute of Food and Agriculture Science, 1999 -2006,* Survey of a Land System - South Florida Ecosystems (SOS-6932).

**Instructor**, *Department of Wildlife and Fisheries Sciences, Texas A&M University, Spring semester 1994.* Wildlife Conservation and Management (WFSC 201).

**Guest Lecturer**, *Department of Wildlife and Fisheries Sciences, Texas A&M University, Fall semester 1991.* Renewable Natural Resources (REN205).

**Teaching Assistant**, *Department of Biology, West Virginia University, Sep 1989 - Apr 1990.* Biology 3 Lab.

## RESEARCH GRANTS AND CONTRACTS

1. (active) **Colony island network design and implementation (CINDI): a prioritization tool to rehabilitate colony islands along the Texas coast.** D. E. Gawlik (PI). D. Newstead (Co-PI), J. Gibeaut (Co-PI), Matthew Streich (Co-PI), and Diana del Angel (Co-PI), funded \$2,000,453 by the National Oceanic and Atmospheric Administration (NOAA), 2023-2027.
2. (active) **Rookery island productivity for priority waterbird species.** D.E. Gawlik (PI), funded \$96,375

passthrough from U.S. Environmental Protection Agency through Coastal Bend Bays and Estuaries Program, 2022-2023.

3. **(active) Colony island network design and implementation (CINDI) to recover waterbirds in the Gulf of Mexico: pilot study.** D. E. Gawlik (PI). B. Ballard (Co-PI), D. Newstead (Co-PI), J. Gibeaut (Co-PI), Greg Stunz (Co-PI), and David Yoskowitz (Co-PI), funded \$401,540 by the Knobloch Family Foundation, 2022-2024.
4. **Outreach and training: workshop on best practices for surveying nesting colonial waterbirds with small unmanned aerial systems.** D. E. Gawlik (PI), funded \$10,000 by Rotary Club of Corpus Christi Harvey Weil Sportsman Conservationist Award, 2022.
5. **(active) Spatio-temporal mapping of contemporary and future state-listed wading bird foraging habitat in Florida.** D. E. Gawlik (PI) and A. Cox (Co-PI), funded \$99,202 by Florida Fish and Wildlife Conservation Commission, 2021-2024.
6. **(active) Dry season prey concentrations.** M. L. Petersen (PI) and D. E. Gawlik (co-PI), funded \$425,714 (\$24,212 to DEG from Florida Atlantic University) by U.S. Army Engineer Corp of Engineers Research and Development Center, 2021-2023.
7. **Movement patterns of wading birds as a mechanism linking freshwater wetlands and coastal ecosystems in the Greater Everglades.** M. L. Petersen (PI) and D.E. Gawlik (Co-PI), funded \$155,801 (\$139,019 to DEG from Florida Atlantic University) by US Geological Survey, 2021-2023.
8. **(active) Wading bird colony location, size, timing and Wood Stork nesting success on Lake Okeechobee.** M. L. Petersen (PI) and D. E. Gawlik (co-PI), funded \$283,290 (\$36,318 to DEG from Florida Atlantic University) by U.S. Army Engineer Corp of Engineers Research and Development Center, 2020-2023.
9. **(active) A global standard for assessing and reporting the status of Wetlands of International Importance.** My role: Partner Investigator (1 of 10) with 5 Chief Investigators. My role is to provide guidance on model development and to participate in a summit with the entire team. Funded \$1,187,878 by the Australian Research Council 2019-2023. Direct costs/year to DEG \$3,940.
10. **Movement patterns of wading birds as a mechanism linking freshwater wetlands and coastal ecosystems in the Greater Everglades.** D.E. Gawlik (PI), funded \$159,692 by US Geological Survey, 2019-2021.
11. **Dry season prey concentrations.** D. E. Gawlik (PI), funded \$1,079,754 by U.S. Army Engineer Corp of Engineers Research and Development Center, 2015-2020.
12. **Wading bird colony location, size, timing and Wood Stork nesting success: Lake Okeechobee.** D. E. Gawlik (PI), funded \$496,646 by U.S. Army Engineer Corp of Engineers Research and Development Center, 2014-2019.
13. **Habitat selection models for wading birds in coastal South Florida.** D. E. Gawlik (PI), funded \$267,143 by U.S. Geological Survey, 2015-2019.
14. **Everglades Fellowship Program at Florida Atlantic University.** D. E. Gawlik (PI), funded \$159,650 by National Park Service, 2013-2019.
15. **Institutional grant to Florida Atlantic University for airboat and vehicle replacement.** Funded \$492,000 by the State University System Florida Board of Governors 2018-2019.
16. **Wading bird use of depression wetlands in Southwest Georgia.** MS graduate student research support \$21,000 while conducting research at the Joseph W. Jones Ecological Research Center, 2015-2017.
17. **Wood stork use of roadway corridor features in South Florida.** D. E. Gawlik (PI), funded \$462,855 by Florida Department of Transportation, 2013-2016
18. **Faculty Research Mentoring Program.** R. Anderson (PI) and D. E. Gawlik (Co-PI), funded \$4,000 by Florida Atlantic University Division of Research 2015-2016.
19. **Diet and selectivity of the Purple Swamphen in Florida.** D. E. Gawlik (PI), funded \$24,000 by the Florida Fish and Wildlife Conservation Commission, 2014.
20. **Restoration modeling: wading bird synthesis and refinement.** D. E. Gawlik (PI), funded \$10,000 by National Park Service, 2013-2014.
21. **Feasibility of modeling impacts of sea level rise on foraging habitat of the Little Blue Heron in the Great White Heron National Wildlife Refuge, Phase II: factors affecting habitat.** D. E. Gawlik (PI) and B. Lapointe (Co-PI), funded \$50,000 by U.S. Fish and Wildlife Service, 2012-2013.
22. **Impacts of sea-level rise and anthropogenic nutrient inputs on the Little Blue Heron.** D. E. Gawlik

- (PI) and B. Lapointe (Co-PI), funded \$8,000 by Florida Atlantic University Seed Grant, 2012-2013.
23. **Postdoctoral investigator program in marine science, engineering and technology: effects of nutrient enrichment on wading bird habitat in the Great White Heron National Wildlife Refuge, lower Florida Keys.** B. Lapointe (PI) and D. E. Gawlik (Co-PI), funded \$112,640 by Harbor Branch Oceanographic Institute at Florida Atlantic University, 2012-2014.
  24. **Dry season prey concentrations.** D. E. Gawlik (PI), funded \$608,064 by U.S. Army Engineer Corp of Engineers Research and Development Center, 2011-2014.
  25. **Wading bird colony location and size in Pelican Island National Wildlife Refuge.** D. E. Gawlik (PI), funded \$7,958 by U.S. Fish and Wildlife Service, 2011-2012.
  26. **Feasibility of modeling impacts of sea level rise on foraging habitat of the Little Blue Heron in the Great White Heron National Wildlife Refuge.** D. E. Gawlik (PI) and Z. Xie (Co-PI), funded \$49,741 by U.S. Fish and Wildlife Service, 2010-2011.
  27. **Aquatic fauna seasonal concentrations.** D. E. Gawlik (PI), funded \$210,245 by South Florida Water Management District, 2010-2011 (Funded at \$974,033 through FY 15 but subsequently reduced to \$210,245 because of state budget cuts).
  28. **Wading bird evaluation team/assessment team model integration and development.** E. Noonburg (PI), D. E. Gawlik (Co-PI), and Z. Xie (Co-PI), funded \$167,848 by U.S. Army Engineer Corp of Engineers Research and Development Center, 2010-2012.
  29. **Wading bird colony location, size, timing and Wood Stork nesting success: Lake Okeechobee.** D. E. Gawlik (PI), funded \$522,834 by U.S. Army Engineer Corp of Engineers Research and Development Center, 2009-2014.
  30. **Aquatic fauna seasonal concentrations supplemental funding.** D. E. Gawlik (PI), funded \$49,485 by South Florida Water Management District, 2009-2010.
  31. **Everglades fellowship program at Florida Atlantic University.** D. E. Gawlik (PI), funded \$500,000 by National Park Service, 2009-2011.
  32. **Multiple responses of Wood Storks and other wading birds to wetland restoration.** D. E. Gawlik (PI), funded \$40,000 by South Florida Water Management District, 2009-2010.
  33. **Multiple responses of Wood Storks and other wading birds to wetland restoration.** D. E. Gawlik (PI) and M. Cook (Co-PI), funded \$50,859 by Florida Fish and Wildlife Conservation Commission, 2008-2010.
  34. **Patterns of variability and error in the EDEN digital elevation model in the A.R.M. Loxahatchee National Wildlife Refuge.** Z. Xie (PI) and D. E. Gawlik (Co-PI), funded \$12,838 by U.S. Geological Survey, 2008.
  35. **Assessment of the environmental lift of stormwater treatment areas on South Florida avifauna: phase II full study.** D. E. Gawlik (PI), funded \$122,523 by South Florida Water Management District, 2008-2010. Received \$76,386 for 1 of 3 years.
  36. **Assessment of the environmental lift of stormwater treatment areas on South Florida avifauna - phase I feasibility study.** D. E. Gawlik (PI), funded \$43,131 by South Florida Water Management District, 2007.
  37. **Aquatic fauna seasonal concentrations.** D. E. Gawlik (PI), funded \$535,000 by South Florida Water Management District, 2006-2009.
  38. **LILA: Factors affecting wading bird prey availability and foraging success.** D. E. Gawlik (PI), funded \$280,101 by South Florida Water Management District, 2006-2009.
  39. **Landscape suitability index for the wood stork and white ibis in southwest Florida.** D. E. Gawlik (PI), funded \$60,000 by University of Florida, 2006-2007.
  40. **Wading bird colony location, size, timing and Wood Stork nesting success.** D. E. Gawlik (PI), funded \$889,336 by National Park Service, 2005-2009.
  41. **Constraints of landscape prey availability on resource use, physiological condition, and productivity of Great Egrets and White Ibises in the Florida Everglades.** D. E. Gawlik (PI) and G. Herring, funded \$488,095 by U.S. Fish and Wildlife Service, 2005-2007.
  42. **Foraging flights of Wood Storks in Everglades National Park.** D. E. Gawlik (PI), funded \$70,000 by National Park Service, 2004-2006.
  43. **Aquatic fauna seasonal concentrations.** D. E. Gawlik (PI), funded \$391,000 by South Florida Water Management District, 2004-2006.
  44. **Effects of hydrology on wading bird foraging parameters as part of the Critical Ecosystems Studies**

- Initiative.** D. E. Gawlik (PI) and F. Sklar (Co-PI), funded \$124,000 by U.S. Geological Survey, 1999-2002.
45. **Status and trends of selected vertebrate resources in the Galveston Bay System.** R. D. Slack (PI) and D. E. Gawlik, funded \$12,478 by Texas Parks and Wildlife Department, 1991.
46. **Effects of flock organization and habitat use on the foraging behavior of geese in southeastern Texas.** R. D. Slack (PI) and D. E. Gawlik, funded \$26,000 by The Southeast Texas Wildlife Foundation, 1991-1992.

## REFEREED PUBLICATIONS

### JOURNAL PUBLICATIONS

1. Evans, J. D. and **D. E. Gawlik**. 2023. Productivity and nestling mortality for three species of herons at natural and anthropogenic islands. *Waterbirds* 45: 371-382.
2. Shlepr, K. R., B. A. Evans, and **D. E. Gawlik**. 2023. Commuters: a waterbird provides a new view of how species may utilize cities and wildlands. *Environmental Conservation* p. 1-7  
doi:10.1017/S0376892923000152.
3. Evans, B. A., J. A. Klassen, **D. E. Gawlik** and A. D. Gottlieb. 2023. Factors influencing Wood Stork prey biomass in roadside created wetlands. *Southeastern Naturalist* 22:1-20.
4. Cantu de Leija, A., R. E. Mirzadi, J. Randall, M. Portmann, E. J. Mueller, and **D. E. Gawlik**. 2023. A meta-analysis of disturbance caused by drones on nesting birds. *J. of Field Ornithology* 94:3.  
<https://doi.org/10.5751/JFO-00259-940203>.
5. Kluever, B. M., M. L. Avery, **D. E. Gawlik**, P. Hall, J. S. Humphrey, T. Pernas, and F. Ridgley. 2023. Eradication of African sacred ibis (*Threskiornis aethiopicus*) from South Florida, USA: a collaborative early detection and rapid response case study. *Management of Biological Invasions* 14:123-132,  
<https://doi.org/10.3391/mbi.2023.14.1.07>.
6. Larson, R. C. and **D. E. Gawlik**. 2023. Call rate and an index of nest count in wading bird colonies. *Ibis* 165:504-516, <https://doi.org/10.1111/ibi.13163>.
7. Marcot, B. G., **D. E. Gawlik**, A. Yanosky, J. Anderson, A. Gupta and K. S. G. Sundar. 2022. The value and necessity of natural history studies of waterbirds. *Waterbirds* 45: iv-ix,  
<https://doi.org/10.1675/063.045.0102>.
8. Martinez, M. T., L. Calle, S. Romañach and **D. E. Gawlik**. 2022. Evaluating transferability of a model estimating shallow-water availability for foraging waterbirds in intertidal systems. *Ecosphere* 13: e4030.  
<https://doi.org/10.1002/ecs2.4030>
9. Essian, D. A., R. Paudel, and **D. E. Gawlik**. 2022. Predicting effects of water management on breeding abundance of three wading bird species. *J. of Wildlife Management*. DOI: 10.1002/jwmg.22155.
10. Evans, B. A., J. A. Klassen, and **D. E. Gawlik**. 2021. Dietary flexibility of Wood Storks in response to human-induced rapid environmental change. *Urban Ecosystems*. <https://doi.org/10.1007/s11252-021-01181-9>.
11. Kingsford, R. T., G. Bino, C. M. Finlayson, D. Falster, J. A. Fitzsimons, **D. E. Gawlik**, N. J. Murray, P. Grillas, R. C. Gardner, T. J. Regan, D. J. Roux, and R. F. Thomas. 2021. Ramsar wetlands of international importance-improving conservation outcomes. *Frontiers in Environmental Science* 9:643367. DOI: 10.3389/fenvs.2021.643367.
12. Evans, B. A. and **D. E. Gawlik**. 2020. Urban food subsidies reduce natural food limitations and reproductive costs for a wetland bird. *Scientific Reports* 10:14021 | <https://doi.org/10.1038/s41598-020-70934-x>.
13. Herteux, C. E., **D. E. Gawlik**, and L. L. Smith. 2019. Habitat characteristics affecting wading bird use of geographically isolated wetlands in the U.S. southwestern coastal plain. *Wetlands*  
<https://doi.org/10.1007/s13157-019-01250-y>.
14. Calle, L., L. Green, A. Strong, and **D. E. Gawlik**. 2018. Time-integrated habitat availability is a resource attribute that informs patterns of use in intertidal areas. *Ecological Monographs* 88: 600-620.
15. Klassen, J. A. and **D. E. Gawlik**. 2018. Does a long-term shift in Wood Stork diet foreshadow adaptability to human-induced rapid environmental change? *Journal of Field Ornithology* 89:126-139.
16. Chastant, J. E. and **D. E. Gawlik**. 2018. Water-level fluctuations influence wading bird prey availability

- and nesting in a managed lake ecosystem. *Waterbirds* 41: 35-45.
17. Mansoor, Z. and **D. E. Gawlik**. 2017. Abundance and habitat associations of the Florida apple snail in South Florida. *Florida Atlantic University Undergraduate Research Journal* 6: 63-70.
  18. Klassen, J. A. and **D. E. Gawlik**. 2017. Tradeoffs between fine-scale site measurements and coarse sensory data for long-term monitoring of pulsed wetlands. *Freshwater Biology* 62: 649-663.
  19. Chastant, J. E., M. L. Petersen, and **D. E. Gawlik**. 2017. Nesting substrate and water-level fluctuations influence wading bird nesting patterns in a large shallow eutrophic lake. *Hydrobiologia* 788: 371-383.
  20. Klassen, J. A., **D. E. Gawlik**, and P. C. Frederick. 2016. Linking wading bird prey selection to number of nests. *Journal of Wildlife Management* 80: 1450-1460
  21. Botson, B. A., **D. E. Gawlik**, and J. C. Trexler. 2016. Mechanisms that generate resource pulses in a fluctuating wetland. *PLoS ONE* 11: e0158864.
  22. Calle, L., **D. E. Gawlik**, Z. Xie, L. Green, B. Lapointe, and A. Strong. 2016. Effects of tidal periodicities and diurnal foraging constraints on the density of foraging wading birds. *Auk* 133: 378-396.
  23. Brandimarte, N. C., A. P. Tabaque, B. A. Evans, and **D. E. Gawlik**. 2016. Relative abundance and biomass of exotic fish in roadway corridors. *Florida Atlantic University Undergraduate Research Journal* 5: 18-24.
  24. Beerens, J. M., P. C. Frederick, E. G. Noonburg, and **D. E. Gawlik**. 2015. Determining habitat quality for species that demonstrate dynamic habitat selection. *Ecology and Evolution* 5: 5685-5697.
  25. Beerens, J. M., E. G. Noonburg, and **D. E. Gawlik**. 2015. Linking dynamic habitat selection with wading bird foraging distributions along resource gradients. *PLoS ONE* 10: e0128182.
  26. Callaghan, C. T. and **D. E. Gawlik**. 2015. Efficacy of eBird data as an aid in conservation planning and monitoring. *Journal of Field Ornithology* 86: 298-304.
  27. Chastant, J. E., R. A. Botta, and **D. E. Gawlik**. 2015. First record of Roseate Spoonbill (*Platalea ajaja*) nesting on Lake Okeechobee since 1874. *Florida Field Naturalist* 43: 114-118.
  28. Green, L., B. E. Lapointe, and **D. E. Gawlik**. 2015. Winter pulse and seagrass epiphyte bloom: evidence of anthropogenic enrichment or natural nutrient conditions in the Great White Heron National Wildlife Refuge, Lower Florida Keys? *Estuaries and Coasts* 38: 1854-1971.
  29. Green, L., **D. E. Gawlik**, L. Calle, and B. E. Lapointe. 2015. Relative effects of physical and small-scale nutrient factors on the distribution of tropical seagrasses in the Great White Heron National Wildlife Refuge, Lower Florida Keys. *Aquatic Botany* 124: 45-53.
  30. Cronell, S. A., J. A. Klassen, and **D. E. Gawlik**. 2015. Wading bird nestling diet as a measure of food availability in the Everglades. *Florida Atlantic University Undergraduate Research Journal* 4: 52-61.
  31. Herring, G., H. K. Herring, and **D. E. Gawlik**. 2015. Social cues and environmental conditions influence foraging flight distances of breeding wood storks (*Mycteria Americana*). *Waterbirds* 38: 30-39.
  32. Herring, G., C. A. Eagles-Smith, **D. E. Gawlik**, J. M. Beerens, and J. T. Ackerman. 2014. Physiological condition of juvenile wading birds in relation to multiple landscape stressors in the Florida Everglades: effects of hydrology, prey availability, and mercury bioaccumulation. *PLoS ONE* 9: e106447.
  33. Klassen, J. A., **D. E. Gawlik**, and B. A. Botson. 2014. Length-weight and length-length relationships for common fish and crayfish species in the Everglades, Florida, USA. *Journal of Applied Ichthyology* 30: 564-566.
  34. Beck, T. J., **D. E. Gawlik**, and E. V. Pearlstine. 2013. Community patterns in treatment wetlands, natural wetlands, and croplands in Florida. *Wilson Journal of Ornithology* 125: 329-341.
  35. Herring, G., C. A. Eagles-Smith, J. T. Ackerman, **D. E. Gawlik**, and J. A. Beerens. 2013. Landscape factors and hydrology influence mercury concentrations in wading birds breeding in the Florida Everglades, USA. *Science of the Total Environment* 458-460: 637-646.
  36. Herring, G. and **D. E. Gawlik**. 2013. Differential physiological responses to prey availability by the Great Egret and White Ibis. *Journal of Wildlife Management* 77: 58-67.
  37. Xie, Z., L. Pearlstine, and **D. E. Gawlik**. 2012. Developing a fine-resolution digital elevation model to support hydrological modeling and ecological studies in the northern Everglades. *GIScience and Remote Sensing* 49:664-686.
  38. Lantz, S. M., **D. E. Gawlik**, and M. I. Cook. 2011. The effects of water depth and emergent vegetation on foraging success and habitat selection of wading birds in the Everglades. *Waterbirds* 34:439-447.
  39. Beerens, J. M., **D. E. Gawlik**, G. Herring, and M. I. Cook. 2011. Dynamic habitat selection by two wading bird species with divergent foraging strategies in a seasonally fluctuating wetland. *Auk* 128:651-

662.

40. Herring, H. K., and **D. E. Gawlik**. 2011. Resource selection functions for Wood Stork foraging habitat in the Southern Everglades. *Waterbirds* 34:133-142.
41. Calle, L. and **D. E. Gawlik**. 2011. Anthropogenic food in the diet of the Sacred Ibis, *Threskiornis aethiopicus*, a non-native wading bird in southeastern Florida, USA. *Florida Field Naturalist* 39:1-15.
42. Dorn, N. J., M. I. Cook, G. Herring., R. A. Boyle, J. Nelson, and **D. E. Gawlik**. 2011. Aquatic prey switching and urban foraging by the White Ibis *Eudocimus albus* are determined by wetland hydrological conditions. *Ibis* 153:323-335.
43. Herring, G., M. I. Cook, **D. E. Gawlik**, and E. M. Call. 2011. Food availability is expressed through physiological stress indicators in nestling white ibis: a food supplementation experiment. *Functional Ecology* 25:682-690.
44. Pierce, R. L., and **D. E. Gawlik**. 2010. Wading bird foraging habitat selection in the Florida Everglades. *Waterbirds* 33:494-503.
45. Herring, G., **D. E. Gawlik**, M. I. Cook, J. M. Beerens. 2010. Sensitivity of nesting Great Egrets (*Ardea alba*) and White Ibises (*Eudocimus albus*) to reduced prey availability. *Auk* 127:660-670.
46. Lantz, S. M., **D. E. Gawlik**, and M. I. Cook. 2010. The effects of water depth and submerged aquatic vegetation on the selection of foraging habitat and foraging success of wading birds. *Condor* 112:460-469.
47. Herring, G. and **D. E. Gawlik**. 2010. Avian radio-transmitter harness wear and failure. *Southeastern Naturalist* 9:595-604.
48. Xie, Z., **D. E. Gawlik**, J. M. Beerens, Z. Liu, and A. L. Higer. 2009. Variability patterns and outlier smoothing of the Everglades Depth Estimation Network digital elevation model in the northern Everglades. *Papers of the Applied Geography Conference* 32:342-351.
49. Herring, G., **D. E. Gawlik**, and D. A. Rumbold. 2009. Feather mercury concentrations and physiological condition of Great Egret and White Ibis nestlings in the Florida Everglades. *Science of the Total Environment* 407:2641-2649.
50. Herring, G. and **D. E. Gawlik**. 2009. Stability of avian fecal corticosterone metabolites levels in frozen feces. *Journal of Wildlife Management* 73:1010-1013.
51. Frederick, P., **D. E. Gawlik**, J. C. Ogden, M. Cook and M. Lusk. 2009. The White Ibis and Wood Stork as indicators for restoration of Everglades ecosystem. *Ecological Indicators* 9S:S83-S95.
52. Herring, G., **D. E. Gawlik**, and J. M. Beerens. 2008. Sex determination of the Great Egret and White Ibis. *Waterbirds* 31:298-303.
53. Dorn, N. J., G. Herring, and **D. E. Gawlik**. 2008. Estimation of crayfish abundance and size-structure in White Ibis diets. *Waterbirds* 31:417-423.
54. Herring, G., J. M. Beerens, and **D. E. Gawlik**. 2008. Evaluating two new methods for capturing large wetland birds. *Journal of Field Ornithology* 79:102-110.
55. Herring, G. and **D. E. Gawlik**. 2007. Potential for successful population establishment of the nonindigenous Sacred Ibis in the Florida Everglades. *Biological Invasions* 10:969-976.
56. Herring, G. and **D. E. Gawlik**. 2007. The role of stress proteins in the study of allostatic overload in birds, use and applicability to current studies in avian ecology. *The Scientific World* 7:1596-1602.
57. **Gawlik, D. E.** and G. E. Crozier. 2007. A test of cues affecting habitat selection by wading birds. *Auk* 124:1075-1082.
58. Herring, G. and **D. E. Gawlik**. 2007. Multiple nest-tending behavior in an adult female White Ibis. *Waterbirds* 30:150-151.
59. Chimney, M. J. and **D. E. Gawlik**. 2007. The avifauna of constructed treatment wetlands in South Florida used for Everglades restoration. *Florida Field Naturalist* 35:9-21.
60. **Gawlik, D. E.** 2006. The role of wildlife science in wetland ecosystem restoration: lessons from the Everglades. *Ecological Engineering* 26:70-83.
61. Havens, K. E. and **D. E. Gawlik**. 2005. Lake Okeechobee conceptual ecological model. *Wetlands* 25:908-925.
62. Wetzel, P. R., A. G. van der Valk, S. Newman, **D. E. Gawlik**, T. T. Gann, C. A. Coronado-Molina, D. L. Childers, and F. H. Sklar. 2005. Maintaining tree islands in the Florida Everglades: nutrient redistribution is the key. *Frontiers in Ecology and the Environment* 3:370-376.
63. Sklar, F. H., M. J. Chimney, S. Newman, P. McCormick, **D. Gawlik**, S. Miao, C. McVoy, W. Said, J. Newman, C. Coronado, G. Crozier, M. Korvela, and K. Rutchey. 2005. The ecological-societal

- underpinnings of Everglades restoration. *Frontiers in Ecology and the Environment* 3:161-169.
64. Smith, S. M., **D. E. Gawlik**, K. Rutchey, G. E. Crozier, and S. Gray. 2003. Assessing drought-related ecological risk in the Florida Everglades. *Journal of Environmental Management* 68:355-366.
  65. Crozier, G. E. and **D. E. Gawlik**. 2003. Wading bird nesting effort as an index to wetland ecosystem integrity. *Waterbirds* 26:303-324.
  66. Kelly, J. F., **D. E. Gawlik**, and D. K. Kieckbusch. 2003. An updated account of wading bird foraging behavior. *Wilson Bulletin* 115:105-107.
  67. Crozier, G. E. and **D. E. Gawlik**. 2003. The use of decoys for attracting wading birds. *Journal of Field Ornithology* 74:53-58.
  68. **Gawlik, D. E.** 2002. The effects of prey availability on the numerical response of wading birds. *Ecological Monographs* 72:329-346.
  69. Bancroft, G. T., **D. E. Gawlik**, and K. Rutchey. 2002. Distribution of wading birds relative to vegetation and water depths in the northern Everglades. *Waterbirds* 25:265-391.
  70. Crozier, G. E. and **D. E. Gawlik**. 2002. Avian response to nutrient loading in an oligotrophic wetland. *The Condor* 104:631-642.
  71. Melvin, S. L., **D. E. Gawlik**, and T. Scharff. 1999. Long-term movement patterns for seven species of wading birds. *Waterbirds* 22:411-416.
  72. **Gawlik, D. E.**, R. D. Slack, J. A. Thomas, and D. N. Harpole. 1998. Long-term trends in population and community measures of colonial-nesting waterbirds in Galveston Bay Estuary. *Colonial Waterbirds* 21:143-151.
  73. **Gawlik, D. E.** and D. A. Rocque. 1998. Avian communities in bayheads, willowheads, and sawgrass marshes of the central Everglades. *Wilson Bulletin* 110:45-55.
  74. Purvis, J. R., **D. E. Gawlik**, N. O. Dronen, and N. J. Silvy. 1997. Helminths of wintering geese in Texas. *Journal of Wildlife Diseases* 33:660-663.
  75. **Gawlik, D. E.**, and R. D. Slack. 1996. Comparative foraging behavior of sympatric Snow Geese, Greater White-fronted Geese, and Canada Geese during the non-breeding season. *Wilson Bulletin* 108:154-159.
  76. Bildstein, K. L., **D. E. Gawlik**, D. P. Ferral, I. L. Brisbin, and G. R. Wein. 1994. Wading bird use of established and newly created reactor cooling reservoirs at the Savannah River Site near Aiken, South Carolina, USA. *Hydrobiologia* 280:71-82.
  77. Chavez-Ramirez, F., **D. E. Gawlik**, F. G. Prieto, and R. D. Slack. 1994. Effects of habitat structure on patch use by loggerhead shrikes wintering in a natural grassland. *Condor* 96:228-231.
  78. **Gawlik, D. E.**, and K. L. Bildstein. 1993. Seasonal habitat use and abundance of loggerhead shrikes in South Carolina. *Journal of Wildlife Management* 57:352-357.
  79. **Gawlik, D. E.** 1992. Conservation biology and the evolution of a land ethic. *Journal of Raptor Research* 26:179-183.
  80. **Gawlik, D. E.**, J. Papp, and K. L. Bildstein. 1991. Nestling diet and prey-delivery rates in a declining population of loggerhead shrikes in South Carolina. *The Chat* 55:1-5.
  81. **Gawlik, D. E.**, and K. L. Bildstein. 1990. Reproductive success and nesting habitat of the loggerhead shrike in north-central South Carolina. *Wilson Bulletin* 102:37-48.
  82. **Gawlik, D. E.**, M. E. Hostetler, and K. L. Bildstein. 1988. Napthalene moth balls do not deter mammalian predators at red-winged blackbird nests. *Journal of Field Ornithology* 59:189-191.
  83. **Gawlik, D. E.** 1988. Taped call and decoy as possible lures for trapping loggerhead shrikes. *North American Bird Bander* 13:123.
  84. **Gawlik, D. E.** 1983. Mouse trap recovered in harrier nest. *Raptor Research* 17:62.

#### BOOK CHAPTERS

1. **Gawlik, D. E.**, P. Gronemeyer, and R. A. Powell. 2002. Habitat-use patterns of avian seed dispersers in the central Everglades. Pp. 445-468 *In* F. Sklar and A. van der Valk, (eds.) *Tree Islands of the Everglades*. Kluwer Academic Publishers, The Netherlands.
2. Sklar, F., C. McVoy, R. Van Zee, **D. E. Gawlik**, K. Tarboton, D. Rudnick, S. Miao, and T. Armentano. 2002. The effects of altered hydrology on the Everglades. Pp. 39-82 *In* J. W. Porter and K. G. Porter, (eds.) *The Everglades, Florida Bay, and Coral Reefs of the Florida Keys: an Ecosystem Sourcebook*. CRC Press, Boca Raton, FL.

3. McCormick, P., S. Newman, S. Miao, R. Reddy, **D. E. Gawlik**, C. Fitz, T. Fontaine, and D. Marley. 2002. Effects of anthropogenic P inputs on Everglades marshes. Pp. 83-126 *In* J. W. Porter and K. G. Porter, (eds.) *The Everglades, Florida Bay, and Coral Reefs of the Florida Keys: an Ecosystem Sourcebook*. CRC Press, Boca Raton, FL.
4. **Gawlik, D. E.**, and K. L. Bildstein. 1995. Differential habitat use by sympatric loggerhead shrikes and American kestrels in South Carolina. Pages 163-166 *in* R. Yosef and F. E. Lohrer, (eds.) *Shrikes (Laniidae) of the World: Biology and Conservation*. Western Foundation of Vertebrate Zoology, Camarillo, California, USA.

#### PROCEEDINGS

1. Ransom, D. Jr., S. Melvin, and **D. Gawlik**. 1999. Geographic variation in waterfowl and wading birds. *North American Wildlife and Natural Resources Conference* 64:165-173.
2. Harpole, D. N., **D. E. Gawlik**, and R. D. Slack. 1996. Differential winter distribution of Ross' and snow geese in Texas. *Proc. Ann. Conf. S.E. Assoc. Fish & Wildl. Agencies* 48:14-21.
3. **Gawlik, D. E.**, and K. L. Bildstein. 1990. Methods of estimating nonbreeding populations of open-habitat diurnal raptors in the southeast. Pp. 214-217 *in* *Proc. Southeast Raptor Management Symposium and Workshop*. Natl. Wildl. Fed., Washington, D.C.

#### NONREFEREED PUBLICATIONS

##### JOURNAL PUBLICATIONS

- Gawlik, D. E.** and J. C. Ogden. 2006. In memoriam: Richard T. Paul. *Waterbirds* 29:239-240.
- Gawlik, D. E.** and R. K. Anderson. 1998. In memoriam: Frances Hamerstrom. *J. Raptor Res.* 32:*i-iv*.

##### BOOK CHAPTERS

1. **Gawlik, D. E.** 2002. Through the eyes of a "junior sub-gaboon". Pp. 135-137 *In* E. Paulson (ed). *Hamerstrom Stories*. E. Paulson, Roseburg, OR.
2. **Gawlik, D. E.** 2001. Ecology of wading birds in the Everglades. Pp. 217-226 *In* S. Bronson (ed). *Florida Earth Journal*, University of Florida Institute of Food and Agriculture Science, Gainesville, FL.
3. Anderson, R. K. and **D. E. Gawlik**. 1999. A tribute to the Hamerstroms. Pp. 1-7 *In* W. D. Svedarsky, R. H. Hier, and N. J. Silvy, (eds.). *The Greater Prairie Chicken: a National Look*. Univ. of Minnesota Misc. Publ. 99-1999. Minnesota Agriculture Experiment Station, Univ. of Minnesota, St. Paul, MN.

#### PROCEEDINGS

- Gawlik, D. E.** 1998. Influence of water depth on the selection of foraging sites by wading birds. Pp. 142-148 *in* T. Armentano, (ed.) *Proc. of the conference: ecological assessment of the 1994-1995 high water conditions in the southern Everglades*. Everglades National Park, Miami, FL.

#### BOOK REVIEWS

- Gawlik, D. E.** 1991. *Review of* Natural history and management of the San Clemente loggerhead shrike by T. A. Scott and M. L. Morrison. *Proc. of the Western Foundation of Vertebrate Zoology*, Los Angeles, California. *Wilson Bulletin* 103:528-529.

#### PRESENTATIONS

##### INVITED PRESENTATIONS

1. Gawlik, D. E. and D. E. Essian. 2023. Colony Island Network Design and Implementation (CINDI) to recover waterbirds in the Gulf of Mexico: Pilot Study. Gulf Coast Joint Venture Bird Nesting Island

- Cooperative, Houston, TX.
2. Gawlik, D. E. 2022. Colony Island Network Design and Implementation (CINDI) to recover waterbirds in the Gulf of Mexico: Pilot Study. Virtual. Gulf Coast Joint Venture Bird Nesting Island Cooperative.
  3. Gawlik, D. E. 2020. Wading bird nesting at Lake Okeechobee. Annual Conference of the Everglades Coalition, Sanibel Island, FL.
  4. Gawlik, D. E. 2019. Reflections on a career in Florida wildlife and the relevance of the Florida Chapter of the Wildlife Society. Florida Chapter of the Wildlife Society, Melbourne, FL.
  5. Gawlik, D. E. 2018. Wading birds in the Everglades: different responses to living in troubled waters. School of Renewable Natural Resources, Louisiana State University, Baton Rouge, LA.
  6. Gawlik, D. E. 2018. Wading birds in the Everglades: different responses to living in troubled waters. Florida Ornithological Society, Davie, FL.
  7. Gawlik, D. E. 2018. Status of wading birds on Lake Okeechobee. Multi-agency Everglades restoration oversight group (RECOVER), Jacksonville, FL.
  8. Gawlik, D. E. 2014. Hydrologic fluctuations as a driver of colonial waterbird nesting. Joseph W. Jones Ecological Research Center, Newton, GA.
  9. Gawlik, D. E. 2014. Successful grantsmanship. Professional Development Seminar, Charles E. Schmidt College of Science, Florida Atlantic University.
  10. Gawlik, D. E. 2014. Everything Everglades: water, fish, and wading birds. Artist in Residence in Everglades (AIRIE) Program, College of Arts and Letters, Florida Atlantic University.
  11. Calle, L. and D. E. Gawlik. 2014. Wading birds in the Florida Keys: how they are adapting to changing conditions. U.S. Fish and Wildlife Service Florida Keys National Wildlife Refuge Complex, Big Pine Key, FL.
  12. Calle, L. and D. E. Gawlik. 2014. Wading birds in the Florida Keys: how they are adapting to changing conditions. Everglades National Park, Homestead, FL.
  13. Gawlik, D.E. 2013. Wading birds in Florida: cream skimmers and crumb pickers. Coastal Lecture Series, Florida Oceanographic Society, Fort Pierce, FL.
  14. Gawlik, D.E. and J.C. Trexler. 2012. The trophic cluster of the CERP Monitoring and Assessment Plan: integrating research and monitoring to provide a foundation for restoration. Big Cypress Research Symposium, Ochopee, FL.
  15. Gawlik, D.E. 2012. Habitat selection and behavior of Wood Storks and their kin in South Florida. Meeting of the South Florida Association of Environmental Professionals, Fort Lauderdale, FL.
  16. Gawlik, D.E. 2012. Wading birds in the Everglades: cream skimmers and crumb pickers. Ten Thousand Islands National Wildlife Refuge and Rookery Bay National Estuary Research Reserve, Naples, FL.
  17. Gawlik, D.E. 2012. Wading birds in the Everglades: cream skimmers and crumb pickers. US Fish and Wildlife Service Ding Darling National Wildlife Refuge, Sanibel Island, FL.
  18. Gawlik, D.E. 2012. Wading birds in the Everglades: cream skimmers and crumb pickers. Pelican Island Audubon Society, Vero Beach, FL.
  19. Gawlik, D.E. 2012. The trophic cluster of the CERP: integrating research and monitoring on water, fish, and wading birds to provide a foundation for restoration. U.S. Fish and Wildlife Service, Vero Beach, FL.
  20. Gawlik, D. E. and J. C. Trexler. 2011. The trophic cluster of the CERP Monitoring and Assessment Plan: integrating research and monitoring to provide a foundation for restoration. South Florida Water Management District, West Palm Beach, FL.
  21. Gawlik, D. E., B. Botson, G. Herring, J. M. Beerens, S. M. Lantz, R. Pierce, M. I. Cook, and J. C. Trexler. 2010. A summary of recent studies showing how prey availability affects wading bird habitat selection, physiology, and productivity. South Florida Natural Resources Center, Everglades National Park, Homestead, FL.
  22. Gawlik, D. E. 2008. Wading birds in the Everglades: the role of avian studies in wetland ecosystem restoration. Avian Habitat Restoration Symposium at the joint conference of the American Ornithologists' Union and the Cooper Ornithological Society, Portland, OR.
  23. Gawlik, D. E. 2007. Wood stork habitat constraints in the Everglades. Everglades Avian Ecology Forum, Florida International University, Miami, FL.
  24. Gawlik, D. E. 2007. Searchers and exploiters: contrasting feeding strategies of wading birds in a fluctuating wetland called the Everglades. Caesar Kleberg Wildlife Research Institute, Kingsville, TX.

25. Gawlik, D. E. 2007. Wading birds and Loxahatchee Impoundment Landscape Assessment (LILA). Scripps Howard Institute on the Environment, Florida Atlantic University, West Palm Beach, FL.
26. Gawlik, D. E. 2007. Understanding how hydrology affects habitat suitability for wading birds: linkages to A.R.M. Loxahatchee NWR, U.S. Fish and Wildlife Service, Boynton Beach, FL.
27. Gawlik, D. E. 2005. Cream skimmers and crumb pickers: the foraging ecology of wading birds in the Everglades. Archbold Biological Station, FL.
28. Gawlik, D. E. 2005. Landscape suitability models for wading birds. International Wetlands Symposium, Zapata Swamp, Cuba.
29. Gawlik, D. E. 2004. The foraging ecology of wading birds in the Everglades: cream skimmers and crumb pickers. University of Miami. Miami, FL.
30. Gawlik, D. E. 2003. Predicting and monitoring the response of wildlife to wetland ecosystem restoration: lessons from the Everglades. Plenary talk for Symposium on Coastal Restoration and Enhancement through Science and Technology (CREST), Thibodaux, LA.
31. Gawlik, D. E. 2003. The foraging ecology of wading birds in the Everglades: cream skimmers and crumb pickers. University of Georgia. Athens, GA.
32. Gawlik, D. E. 2003. Wading birds as biological indicators. EcoResearch summit, Lamanai Lodge, Orange Walk, Town, Belize.
33. Gawlik, D. E. 2003. Macrocosm experiments with free-ranging wading birds: Romesburg (1981) lives on. University of Florida Institute of Food and Agriculture Sciences, Davie, FL.
34. Gawlik, D. E. 2001. Are population trends of wading birds in the Everglades linked to species-specific feeding strategies? Florida Ornithological Society, Fort Myers, FL.
35. Gawlik, D. E. 2000. The effects of prey availability on the foraging tactics of wading birds. Florida Wading Bird Symposium, Archbold Biological Station, FL.
36. Gawlik, D. E. 2000. Integrating science into the Everglades restoration, and why adaptive management is a red herring. Texas A&M University, Department of Wildlife and Fisheries Science, College Station, TX.
37. Heisler, I. L. and D. E. Gawlik. 1998. Everglades restoration: restoring diversity at different scales. Symposium on Ecological restoration and biodiversity: theory and application. The Wildlife Society, Buffalo, NY.
38. Gawlik, D. E. 1997. A foraging-ecology approach to the conservation of wading birds in the Everglades. Florida International University, Department of Biology, Miami, FL.
39. Gawlik, D. E. 1997. Water management and applied research as tools for the conservation of wading birds in the Everglades. University of Florida, Department of Wildlife and Conservation, Gainesville, FL.

#### INVITED OUTREACH PRESENTATIONS

1. Gawlik, D.E. 2023. Wood Stork and Whooping Crane: contrasting journeys coming back from the brink. Rockport Aquarium.
2. Gawlik, D.E. 2023. Wood Stork and Whooping Crane: contrasting journeys coming back from the brink. Whooping Crane Festival, Port Aransas.
3. Gawlik, D.E. 2022. Wading Birds and People: Coexistence in a rapidly changing world. Rockport Aquarium.
4. Gawlik, D. E. 2022. Wading Birds and People: Coexistence in a rapidly changing world. Audubon Outdoors.
5. Gawlik, D. E. 2021. Lessons from the Everglades: An evolving view of food-limitations in wading birds. South Texas Chapter of the Texas Master Naturalist Program.
6. Gawlik, D. E. 2021. What wading birds can tell us about healthy water. Coastal Bend Chapter of the Audubon Society.
7. Gawlik, D. E. 2020. Wading birds in the Everglades: coping with the rising influence of the urban system. Keynote speaker Everglades Birding Festival, Fort Lauderdale, FL.
8. Gawlik, D. E. 2019. Everglades: the mystique of the Florida swamp that became one of the most internationally recognized sites in the world. Fort Lauderdale Rotary Club.
9. Gawlik, D. E. 2019. Wading birds in the Everglades: different responses to living in troubled waters. Audubon Society Everglades Chapter, West Palm Beach, FL.

10. Gawlik, D. E. 2015. Wading birds in a changing Everglades. Audubon Society of the Everglades, West Palm Beach, FL.
11. Gawlik, D. E. 2015. Herons on the flats: contrasting the habitat of two wading bird species. Delicate Balance of Nature Series, Dagny Johnson Key Largo Hammock Botanical State Park, Key Largo, FL.
12. Gawlik, D.E. 2014. Wading birds in the Everglades: graduate student research shaping the restoration of a global treasure. Jupiter High School Environmental Academy.
13. Gawlik, D.E. 2012. Wading birds in Florida: cream skimmers and crumb pickers. Treasure Coast Birding Festival, Vero Beach, FL.
14. Gawlik, D. E. 2009. Wading birds in the Everglades: cream skimmers and crumb pickers. Florida Trail Association. Fort Lauderdale, FL.
15. Gawlik, D. E. 2007. Wading birds in the Everglades: cream skimmers and crumb pickers. Palm Beach Zoo. West Palm Beach, FL.
16. Gawlik, D. E. 2006. Wading birds and the restoration of the Everglades ecosystem. Audubon Society of the Everglades, Boynton Beach, FL.
17. Gawlik, D. E. 2005. The ecology of wading birds in the Everglades: cream skimmers and crumb pickers. Florida Trail Association. Fort Lauderdale, FL.
18. Gawlik, D. E. 2005. Wading birds, restoration, and the Loxahatchee Impoundment Landscape Assessment (LILA). Audubon Society of the Everglades, West Palm Beach, FL.
19. Gawlik, D. E. 1999. The role of wading birds in the Everglades restoration. Martin County Chapter of the Audubon Society, Stuart, FL.

#### REGULAR PRESENTATIONS

1. Gawlik, D. E., D. A. Essian, R. Mirzadi, B. M. Ballard, J. C. Giese, D. J. Newstead, J. Gibeaut, J. Magolan, M. Streich, L. Wolff, K. Wowk, C. Hale, and D. del Angel. 2023. A data-driven prioritization tool to guide waterbird colony island rehabilitation on the Texas coast. Waterbird Society, Fort Lauderdale, FL.
2. Gawlik, D. E., D. A. Essian, D. J. Newstead, B. M. Ballard, R. Mirzadi. 2023. A planning tool for prioritizing waterbird colony islands on the Texas coast. Florida Chapter of The Wildlife Society, Jacksonville, FL.
3. Gawlik, D. E. 2023. Qualitative factors affecting population resilience in Whooping Cranes: learning from the proposed delisting of the Wood Stork. North American Crane Workshop, Baraboo, WI.
4. Gawlik, D.E., L. Calle, and M. Martinez. 2022. Modeling intertidal habitat for wading birds: temporal availability as a spatial attribute. Gulf of Mexico Conference (GOMCON), Baton Rouge, LA.
5. Gawlik, D. E., L. Calle, and M. Martinez. 2021. Modeling intertidal habitat for wading birds: temporal availability is a spatial attribute. Waterbird Society Conference, virtual.
6. Gawlik, D. E., L. Calle, and M. Martinez. 2021. Modeling wading bird habitat in response to rising seas: incorporating a temporal process into a spatial attribute. Symposium at the Greater Everglades Ecosystem Restoration Conference, virtual.
7. Gawlik, D. E., B. A. Evans, and K. Shlepr. 2019. Porous boundaries: anticipating the rising influence of the urban system on Everglades' fauna. Symposium at the Greater Everglades Ecosystem Restoration Conference, Coral Springs, FL.
8. Gawlik, D. E., J. A. Klassen, and B. A. Evans. 2018. An evolving view of food limitation in wading birds: differing implications of prey and habitat. International Ornithological Congress, Vancouver, B.C.
9. Gawlik, D. E., J. A. Klassen, and B. A. Evans. 2018. An evolving view of food limitation in wading birds: differing implications of prey and habitat. Florida Chapter of The Wildlife Society, Crystal River, FL.
10. Gawlik, D. E., J. A. Klassen, and P. C. Frederick. 2017. An evolving view of food limitation in wading birds. Greater Everglades Ecosystem Restoration Conference, Fort Lauderdale, FL.
11. Gawlik, D. E., J. A. Klassen, and B. A. Evans. 2017. Evolving views of food-limitation in wading birds. Ornithological Congress of the Americas. Puerto Iguazu, Argentina.
12. Gawlik, D. E. 2016. Representing Hydrologic Variability in Heron Models: Key Processes for Wetland Ecosystem Management. Waterbirds Society, New Bern, NC.
13. Gawlik, D. E., J. A. Klassen, and P. C. Frederick. 2016. Strategies to cope with food-limitation: differing

- implications of prey and foraging habitat availability for wading birds. Waterbirds Society, New Bern, NC.
14. Gawlik, D. E. and L. Calle. 2016. Foraging habitat of wading birds in an intertidal zone: are freshwater models applicable? North American Ornithological Conference, Washington D.C.
  15. Gawlik, D. E. 2016. Factors affecting the abundance of wading birds in intertidal habitat: how applicable are freshwater models? Florida Chapter of The Wildlife Society, Gainesville, FL.
  16. Gawlik, D. E. 2015. Factors affecting the abundance of wading birds in intertidal habitat: how applicable are freshwater models? Waterbirds Society, Bar Harbor, ME.
  17. Gawlik, D. E. and L. Calle. 2015. Factors affecting the abundance of wading birds in intertidal habitat: are freshwater models applicable? Greater Everglades Ecosystem Restoration Conference, Coral Springs, FL
  18. Gawlik, D. E. 2014. Great Egret (*Ardea alba*) Symposium Synthesis. Waterbird Society, La Paz, Mexico.
  19. Gawlik, D. E. 2014. Representing Hydrologic Variability in Colonial Waterbird Models: Key Processes for Wetland Ecosystem Restoration and Management. Association of Field Ornithologists and Wilson Ornithological Society, Providence RI.
  20. Gawlik, D. E. 2014. Representing Hydrologic Variability in Colonial Waterbird Models: Key Processes for Wetland Ecosystem Restoration and Management. Florida Chapter of The Wildlife Society, Safety Harbor, FL.
  21. Gawlik, D. E., and R. T. Kingsford. 2013. Hydrologic variability as a global driver of colonial waterbird nesting. Florida Chapter of The Wildlife Society, Melbourne, FL.
  22. Gawlik, D. E. and J. E. Chastant, and K. Kneifl. 2013. Do Trends in Waterbird Nest Effort at Pelican Island National Wildlife Refuge Foretell an Ecosystem in Decline? Association of Field Ornithologists, Lake Placid, FL.
  23. Gawlik, D. E. and J. E. Chastant. 2013. Do Trends in Waterbird Nest Effort at Pelican Island National Wildlife Refuge Foretell an Ecosystem in Decline? Indian River Lagoon Symposium, Fort Pierce, FL.
  24. Gawlik, D. E. and R. T. Kingsford. 2012. Hydrologic variability as a global driver of colonial waterbird nesting. The Wildlife Society, Portland, OR.
  25. Gawlik, D. E. and R. T. Kingsford. 2012. Hydrologic variability as a global driver of colonial waterbird nesting. North American Ornithological Conference, Vancouver, B.C.
  26. Gawlik, D. E. and R. T. Kingsford. 2012. Hydrologic variability as a global driver of colonial waterbird nesting. INTECOL International Wetlands Conference, Orlando, FL.
  27. Gawlik, D. E., G. Herring, J. M. Beerens, S. Lantz, B. Botson, M. I. Cook., R. Pierce. 2011. A synthesis of recent studies showing how prey availability affects wading bird habitat selection, physiology, and reproduction. Joint conference of Association of Field Ornithology, Cooper Ornithological Society, and Wilson Society for Ornithology, Kearney, NE.
  28. Gawlik, D. E., G. Herring, J. M. Beerens, S. Lantz, B. Botson, M. I. Cook., R. Pierce. 2011. A synthesis of recent studies showing how prey availability affects wading bird habitat selection, physiology, and reproduction. Florida Chapter of The Wildlife Society, Safety Harbor, FL.
  29. Gawlik, D. E., G. Herring, J. M. Beerens, S. Lantz, B. Botson, M. I. Cook., R. Pierce. 2011. A synthesis of recent studies showing how prey availability affects wading bird habitat selection, physiology, and reproduction. Waterbird Society, Grand Isle, NE.
  30. Gawlik, D. E., Z. Xie, and T. Wilmers. 2010. Feasibility of evaluating the impacts of sea level rise on foraging habitats of the Little Blue Heron in the Great White Heron National Wildlife Refuge. Florida Keys Science Conference, Duck Key, FL (poster).
  31. Gawlik, D. E., B. Botson, G. Herring, J. M. Beerens, S. M. Lantz, R. Pierce, and M. I. Cook. 2010. A synthesis of recent studies showing how prey availability affects wading bird habitat selection, physiology, and productivity. Greater Everglades Ecosystem Restoration Conference, Naples, FL.
  32. Gawlik, D. E., B. Botson, G. Herring, J. M. Beerens, S. M. Lantz, R. Pierce, and M. I. Cook. 2010. A synthesis of recent studies linking prey availability to wading bird habitat selection, physiology, and reproduction. Florida Chapter of The Wildlife Society, Tallahassee, FL.
  33. Gawlik, D. E. and J. Beerens. 2009. Distilling complex ecological research into simple habitat models: predictive tools for wetland ecosystem restoration and management. Society for Ecological Restoration International, Perth, Australia.

34. Gawlik, D. E., and G. Herring. 2008. Potential for successful population establishment of the nonindigenous Sacred Ibis in the Florida Everglades. The Wildlife Society, Miami, FL (poster).
35. Gawlik, D. E., and G. Herring. 2008. Potential for successful population establishment of the nonindigenous Sacred Ibis in the Florida Everglades. Greater Everglades Ecosystem Restoration Planning, Policy and Science Meeting, Naples, FL (poster).
36. Heidemann, P. M., D. E. Gawlik, L. G. Pearlstine, and A. Daugherty. 2008. A Spatially-explicit simulation model of landscape quality for the Wood Stork (*Mycteria americana*) in southwestern Florida. Greater Everglades Ecosystem Restoration Planning, Policy and Science Meeting, Naples, FL.
37. Gawlik, D. E., G. E. Crozier, K. C. Tarboton, P. M. Heidemann. 2007. Landscape suitability models for wading birds: coupling small scale habitat models with landscape hydrologic models. National Conference on Ecosystem Restoration, Kansas City, MO.
38. Gawlik, D. E. 2005. Landscape suitability models for wading birds: coupling small scale habitat models with landscape hydrologic models. Waterbird Society, Jekyll Island, GA.
39. Gawlik, D. E. 2005. Landscape suitability models for wading birds: coupling small scale habitat models with landscape hydrologic models. The Wildlife Society, Madison, WI.
40. Gawlik, D. E. 2005. Landscape suitability models for wading birds: coupling small scale habitat models with landscape hydrologic models. Florida Chapter of The Wildlife Society, Tampa, FL.
41. Gawlik, D. E. 2004. A synthesis of the role of wildlife science in wetland ecosystem restoration. National Conference on Ecological Restoration, Orlando, FL.
42. Gawlik, D. E. 2004. The role of wildlife science in wetland ecosystem restoration: the Everglades model. Society for Ecological Restoration, Victoria, B.C.
43. Gawlik, D. E. 2003. A test of the prey size hypothesis as an explanation for decreased wading bird nesting in the Southern Everglades. Joint Conference on the Science and Restoration of the Greater Everglades and Florida Bay Ecosystem, Palm Harbor, FL.
44. Gawlik, D. E., F. H. Sklar, S. Newman, Z. Moustafa, and S. Miao. 2003. The Loxahatchee Impoundment Landscape Assessment (LILA) facility: a macrocosm approach to experiments with microtopography, water depth, and flow rate. Joint Conference on the Science and Restoration of the Greater Everglades and Florida Bay Ecosystem, Palm Harbor, FL.
45. Gawlik, D. E. 2003. The Loxahatchee Impoundment Landscape Assessment (LILA) facility: an experimental approach for determining landscape responses to hydrology. Florida Chapter of The Wildlife Society, Vero Beach, FL.
46. Gawlik, D. E. 2002. A test of the prey size hypothesis on the numerical response of wading birds in the Everglades. North American Ornithological Society, New Orleans, LA.
47. Gawlik, D. E. and G. E. Crozier. 2002. Wading bird nesting effort as an index of wetland ecosystem integrity. Florida Chapter of The Wildlife Society, Crystal River, FL.
48. Gawlik, D. E. 2001. The effects of prey availability on the numerical response of wading birds. The Wildlife Society, Reno, NV.
49. Gawlik, D. E. 2001. The effects of prey availability on the feeding tactics of wading birds. Florida Chapter of The Wildlife Society, Gainesville, FL.
50. Gawlik, D. E. 2000. The effects of prey availability on the feeding tactics of wading birds. Greater Everglades Ecosystem Restoration Science Conference, Naples, FL.
51. Gawlik, D. E., K. Rutchey, and G. T. Bancroft. 2000. Do hydrologic properties act as both rapid and gradual modifiers of wetland use by wading birds in the Everglades? International Association for Landscape Ecology, Miami, FL.
52. Gawlik, D. E., K. Rutchey, and G. T. Bancroft. 2000. Mechanisms by which hydrologic properties act as both rapid and gradual modifiers of wetland use by wading birds in the Everglades. The Wildlife Society, Nashville, TN.
53. Gawlik, D. E., K. Rutchey, and G. T. Bancroft. 2000. Do hydrologic properties act as both rapid and gradual modifiers of wetland use by wading birds in the Everglades? Florida Chapter of The Wildlife Society, Daytona Beach, FL.
54. Slack, R. D., A. A. T. Conkey, and D. Gawlik. 1999. Waterfowl in a human-dominated landscape. The Wildlife Society, Austin, TX.
55. Gawlik, D. E. 1998. Effects of water depth on feeding-habitat quality for wading birds in the Everglades: an experiment using "giving-up density" of prey. Waterbird Society, Miami, FL.

56. Gawlik, D. E. and D. A. Rocque. 1998. Bird communities in the Everglades: what do we know about non-Ciconiiformes? North American Ornithological Conference, St Louis, MO.
57. Gawlik, D. E. 1997. A test of environmental factors constraining the use of foraging sites by wading birds in the Everglades. The Wildlife Society, Snowmass, CO.
58. Gawlik, D. E., F. H. Sklar, and T. D. Fontaine. 1996. Relative effects of prey density and water depth on foraging-site selection by seven species of Ciconiiformes in the Everglades. American Ornithologist's Union, Boise, ID.
59. Gawlik, D. E., F. H. Sklar, and T. D. Fontaine. 1996. An experimental test of foraging constraints affecting site use by seven species of wading birds in the Everglades. Ecological Society of America, Providence, RI.
60. Gawlik, D. E., and R. D. Slack. 1995. Interactions among food, predation, and social factors affecting the flock dynamics of a multi-species assemblage. American Ornithologists' Union, Cincinnati, OH.
61. Gawlik, D. E., and R. D. Slack. 1995. Spatial scale of the Great Egret relative to environmental variability and time. Ecological Society of America, Snowbird, UT.
62. Gawlik, D. E., and R. D. Slack. 1994. Processes affecting the distribution and abundance of geese. The Wildlife Society, Albuquerque, NM.
63. Gawlik, D. E., R. D. Slack, J. A. Thomas, and D. N. Harpole. 1994. Temporal trends of a bird community: a matter of scale. Ecological Society of America, Knoxville, TN.
64. Gawlik, D. E. 1994. Implications of body size on the foraging behavior of sympatric Geese: a comparative approach. North American Ornithological Conference, Missoula, MT.
65. R. D. Slack, and D. E. Gawlik. 1994. Detecting temporal trends in bird communities: a matter of scale. North American Ornithological Conference, Missoula, MT.
66. Gawlik, D. E., and R. D. Slack. 1994. Relative energetic costs of geese foraging in the Texas Rice-prairies. Texas Chapter of The Wildlife Society, Nacogdoches, TX.
67. Gawlik, D. E., and R. D. Slack. 1993. Population and flock dynamics of wintering geese relative to food abundance and predation pressure. American Ornithologists' Union, Fairbanks, AK.
68. Gawlik, D. E., and R. D. Slack. 1993. The effects of food abundance and predation pressure on population and flock dynamics of winter geese. Gulf Coastal Prairies Symposium, Houston, TX.
69. Gawlik, D. E., and R. D. Slack. 1993. Population and flock dynamics of wintering geese relative to temporal variability of food. Texas Chapter of The Wildlife Society, Denton, TX.
70. Gawlik, D. E., R. D. Slack, J. A. Thomas, and D. N. Harpole. 1992. Structural changes in the colonial waterbird community of Galveston Bay Estuary. Cooper Ornithological Society, Seattle, WA.
71. Gawlik, D. E., J. A. Thomas, D. N. Harpole and R. D. Slack. 1992. Status and trends of a colonial waterbird assemblage in the Galveston Bay Estuary. Texas Chapter of The Wildlife Society, Austin, TX.
72. Gawlik, D. E. 1988. Nesting success and breeding habitat of the loggerhead shrike (*Lanius ludovicianus*) in South Carolina. South Carolina Academy of Sciences, Orangeburg, SC.
73. Gawlik, D. E. 1987. Nesting success and breeding habitat of the loggerhead shrike in South Carolina. Wilson Ornithological Society, Utica, NY.
74. Gawlik, D. E. 1986. Winter perch site and habitat use in Loggerhead Shrikes and American Kestrels. Raptor Research Foundation, Gainesville, FL.

#### CO-AUTHORED PRESENTATIONS

1. Mirzadi, R., D. E. Gawlik, D. Essian, B. M. Ballard, J. Giese, D. J. Newstead, J. Gibeaut, J. Magolan, M. Streich, L. Wolff, K. Wowk, C. Hale, and D. del Angel. 2023. Nest survival of five species of colonial waterbirds nesting on the Texas coast. Waterbird Society, Fort Lauderdale, FL.
2. Sharp, A. R., D. E. Gawlik, M. Petersen, and S. Romañach. 2023. Seasonal patterns of urban habitat selection by Little Blue Herons (*Egretta caerulea*) in coastal Florida. Waterbird Society, Fort Lauderdale, FL.
3. Cantu de Leija, A., D. E. Gawlik, L. Calle, and A. W. Cox. 2023. Mapping foraging habitat availability for Reddish Egrets (*Egretta rufescens*) in Florida. Waterbird Society, Fort Lauderdale, FL.
4. Essian, D. A., N. J. Dorn, and D. E. Gawlik. 2023. Longer resource waves support larger breeding populations of wading birds (Ardeidae, Ciconiidae, and Threskiornithidae). Invited symposium presentation at the Society of Wetland Scientists, Spokane, WA.

5. Petersen, M. L. and D. E. Gawlik. 2023. Modeling trophic linkages: dry season prey concentrations of aquatic fauna and wading bird nesting. Invited symposium presentation at the Greater Everglades Ecosystem Restoration Conference, Fort Lauderdale, FL.
6. Essian, D. and D. E. Gawlik. 2023. Summarizing prey use by wading birds in four major wetland types in the Everglades. Invited symposium presentation at the Greater Everglades Ecosystem Restoration Conference, Fort Lauderdale, FL.
7. Sharp, A. R., D. E. Gawlik, and M. Petersen. 2022. Nonbreeding movement patterns of coastal Little Blue Herons (*Egretta caerulea*) in Florida. Waterbird Society, Corpus Christi, TX.
8. Mirzadi, R. and D. E. Gawlik. 2022. Evaluating the use of drones for monitoring waterbird nest abundance and nest survival. Waterbird Society, Corpus Christi, TX.
9. Cantu de Leija1, A., R. Mirzadi, J. Randall, M. Portmann, E. J. Mueller, and D. E. Gawlik. 2022. A meta-analysis of disturbance caused by drones on nesting birds. Waterbird Society, Corpus Christi, TX.
10. Essian, D. A. and D. E. Gawlik. 2022. Colony Island Network Design and Implementation (CINDI): a prioritization tool for beneficial use of dredged material at rookery islands in Texas, USA. Waterbird Society, Corpus Christi, TX.
11. Martinez, M. T., L. Calle, E. R. Kohler, S. S. Romañach and D. E. Gawlik. 2022. What the tides reveal about where and how wading birds forage – a modeling approach for intertidal foraging ecology. Waterbird Society, Corpus Christi, TX.
12. Martinez, M. T., L. Calle, E. R. Kohler, S. S. Romañach and D. E. Gawlik. 2022. A sequential modeling framework to quantify the foraging ecology of wading birds in tidally-influenced habitats. American Ornithological Society. San Juan, PR.
13. Sharp, A. R., D. E. Gawlik and M. Petersen. 2022. Movement patterns of wading birds as a mechanism linking freshwater wetlands and coastal ecosystems in the Greater Everglades. Florida Chapter of the Wildlife Society, virtual.
14. Essian, D. A., N. Dorn, and D. E. Gawlik. 2022. Longer resource waves support larger breeding populations of wading birds (Ardeidae, Ciconiidae, and Threskiornithidae). Ecological Society of American, virtual.
15. Mirzadi, R.E., and D.E. Gawlik. 2022. Evaluation of small unmanned aerial systems for monitoring wading bird nest abundance and survival. Gulf of Mexico Conference (GOMCON), Baton Rouge, LA.
16. Cantu, A., R. Mirzadi, J. Randall, M. Portmann, E.J. Mueller, and D.E. Gawlik. 2022. A meta-analysis of disturbance caused by unmanned aerial vehicles (UAVs) on nesting birds. Gulf of Mexico Conference (GOMCON), Baton Rouge, LA.
17. Shlepr, K.R., B.A. Evans, and D.E. Gawlik. 2021. The Wood Stork as an “urban commuter”: a new view of how large-ranging species utilize urban environments. Waterbird Society, virtual.
18. Larson, R. C. and D. E. Gawlik. 2021. Call rate as an index of nest abundance and provisioning rates in wading bird colonies. American Ornithological Society, virtual.
19. Mirzadi, R. E. and D. E. Gawlik. 2021. Evaluation of Small Unmanned Aerial Systems for Monitoring Wading Bird Nest Abundance and Survival. Northeast Natural History Conference and Association of Field Ornithologists, virtual.
20. Petersen, M. L. and D. E. Gawlik. 2021. Modeling trophic linkages: dry season prey concentrations of aquatic fauna and wading bird nesting. Symposium in the Greater Everglades Ecosystem Restoration Conference, virtual.
21. Essian, D. A., R. Paudel, and D. E. Gawlik. 2021. Predicting effects of water management on breeding abundance of three wading bird species. Symposium in the Greater Everglades Ecosystem Restoration Conference, virtual.
22. Shlepr, R. K., S. L. Milton, and D. E. Gawlik. 2021. Thermoregulation by Wading Bird Nestlings is Compromised by Researcher Disturbance. Greater Everglades Ecosystem Restoration Conference, virtual.
23. Shlepr, R. K., S. L. Milton, and D. E. Gawlik. 2020. Risk of overheating during an acute stress response varies with body size and condition in the altricial young of a subtropical wading bird. Waterbird Society, virtual.
24. Essian, D. A. and D. E. Gawlik. 2020. Quantifying prey pulse dynamics and their effect on predators in a seasonally pulsed wetland. The Wildlife Society, virtual.
25. Larson, R. C. and D. E. Gawlik. 2020. Evaluation of an innovative audio technique for monitoring wading bird colonies. North American Ornithological Conference, virtual.
26. Mirzadi, R. and D. E. Gawlik. 2020. Evaluation of small unmanned aerial systems for monitoring wading bird nest abundance and survival. North American Ornithological Conference, virtual.
27. Evans, B. A. and D. E. Gawlik. 2020. Urban food subsidies reduce natural food limitations and

- reproductive costs for a wetland bird. North American Ornithological Conference, virtual.
28. Martinez, M. T., D. E. Gawlik, E. R. Kohler, S. S. Romañach, and L. Calle. 2019. Resource selection by small herons in a subtropical intertidal mudflat. Greater Everglades Ecosystem Restoration Conference, Fort Lauderdale, FL.
  29. Essian, D. A., J. E. Chastant, J. May, and D. E. Gawlik. 2019. Different responses of large and small wading bird species to the availability of habitat and prey. Greater Everglades Ecosystem Restoration Conference, Fort Lauderdale, FL.
  30. Petersen, M. L. and D. E. Gawlik. 2019. Modeling trophic linkages: does high prey density increase wading bird nesting? Greater Everglades Ecosystem Restoration Conference, Fort Lauderdale, FL.
  31. Shlepr, K. R., B. A. Evans, and D. E. Gawlik. 2019. Use of urban habitats by the threatened Wood Stork may aid in population-level recovery. Greater Everglades Ecosystem Restoration Conference, Fort Lauderdale, FL.
  32. Evans, B. A., A. E. Jackson, J. A. Klassen, and D. E. Gawlik. 2019. Differing strategies by small herons and Wood Storks in response to changing prey base. Greater Everglades Ecosystem Restoration Conference, Fort Lauderdale, FL.
  33. Grisales, J. O. and D. E. Gawlik. 2019. Evidence for a daily re-assessment of microhabitat by wading birds. Association of Field Ornithologists and Wilson Ornithological Society, Cape May, NJ.
  34. Larson, R. C. and D. E. Gawlik. 2019. Evaluation of an innovative audio technique for monitoring wading bird colonies in a highly modified wetland ecosystem. Waterbird Society, Princess Anne, MD.
  35. Martinez, M. T., E. R. Kohler, D. E. Gawlik, L. Calle, and S. Romanach. 2019. Time and tide wait for no bird: modeling resource selection by small herons in intertidal systems. Waterbird Society, Princess Anne, MD.
  36. Shlepr, K. R., B. A. Evans, and D. E. Gawlik. 2019. The good, the bad, or the ugly: testing the effect of non-native fish on wading bird productivity in the Everglades, USA. Waterbird Society, Princess Anne, MD.
  37. Essian, D. A. and D. E. Gawlik. 2019. Species' traits influence population-level, but not nest-level, responses to prey availability. Waterbird Society, Princess Anne, MD.
  38. Evans, J. D. and D. E. Gawlik. 2019. Effects of highly variable foraging conditions on the physical condition and survival of small heron nestlings in a managed, shallow lake system. Waterbird Society, Princess Anne, MD.
  39. Larson, R. C. and D. E. Gawlik. 2019. Evaluation of an innovative audio technique for monitoring wading bird nest abundance and prey delivery rates. Florida Chapter of The Wildlife Society, Melbourne, FL.
  40. Evans, J. D. and D. E. Gawlik. 2019. Effects of a disruption in the seasonal drying pattern on the physical condition and survival of small heron nestlings. Florida Chapter of The Wildlife Society, Melbourne, FL.
  41. Essian, D. A., J. E. Chastant, J. May, and D. E. Gawlik. 2018. Rate of receding water level explains variation in nest abundance and survival for a searcher, but not an exploiter. International Ornithological Congress, Vancouver, B.C.
  42. Martinez, M. T., D. E. Gawlik, S. S. Romañach, and E. R. Kohler. 2018. Predicting wading bird foraging habitat in intertidal systems using a time-integrated model. International Ornithological Congress, Vancouver, B.C.
  43. Evans, J. D., K. R. Shlepr, T. C. Cocoves, and D. E. Gawlik. 2018. Importance of patch-specific data in assessing the risk of extinction of a federally endangered raptor. International Ornithological Congress, Vancouver, B.C.
  44. Evans, B. A., J. A., Klassen, and D. E. Gawlik. 2018. Dietary plasticity of a threatened species in response to human-induced landscape change. International Ornithological Congress, Vancouver, B.C.
  45. Evans, B. A., J. A., Klassen, and D. E. Gawlik. 2018. Hydrologic conditions and colony location influence diet breadth and productivity of nesting wood storks in South Florida. Waterbird Society, Vancouver, B.C.
  46. Essian, D. A., J. E. Chastant, J. May, and D. E. Gawlik. 2018. Prey selectivity decreases along a gradient of prey density for a searcher, but not an exploiter. Waterbird Society, Vancouver, B.C.
  47. Kohler, E. R., D. E. Gawlik, M. T. Martinez, and S. S. Romañach. 2018. Breeding season prey selection trends by the Little Blue Heron (*Egretta Caerulea*) in coastal South Florida. American Ornithological Society, Tucson, AZ.
  48. Shlepr, K. R., B. A. Evans, and D. E. Gawlik. 2018. Consequences of non-native prey consumption by Wood Storks to population- and ecosystem-level recovery. Southeastern Ecology and Evolution Conference, Miami, FL

49. Martinez, M. T., D. E. Gawlik, E. R. Kohler, S. S. Romañach, and L. Calle. 2018. Time and tide wait for no bird: predicting abundance of little blue herons in a dynamic intertidal system. Florida Ornithological Society, Davie, FL
50. Evans, B. A. and D. E. Gawlik. 2018. Urban and natural wetland nesting Wood Storks differ in their response to hydrologic conditions. Florida Ornithological Society, Davie, FL.
51. Evans, J. D., K. R. Shlepr, T. C. Cocoves, and D. E. Gawlik. 2018. Importance of patch-specific data in assessing the risk of extinction of a federally endangered raptor. Florida Ornithological Society, Davie, FL
52. Grisales-Jimenez, J. O. and D. E. Gawlik. 2018. Possible evidence for a daily reassessment of microhabitat by wading birds. Florida Chapter of The Wildlife Society. Crystal River, FL.
53. Martinez, M. T., D. E. Gawlik, E. R. Kohler, S. S. Romañach. 2018. Modeling wading bird foraging habitat in coastal ecosystems. Florida Chapter of The Wildlife Society. Crystal River, FL.
54. Jackson, A. E. and D. E. Gawlik. 2017. Dietary shifts of Egrets in response to environmental change. Greater Everglades Ecosystem Restoration Conference, Fort Lauderdale, FL.
55. Evans, B. A., J. A. Klassen, and D. E. Gawlik. 2017. Dietary flexibility of Wood Storks in response to human induced rapid environmental change in South Florida. Greater Everglades Ecosystem Restoration Conference, Fort Lauderdale, FL.
56. May, J. C., D. A. Essian, and D. E. Gawlik. 2017. The effects of colony structure and nest position on the nesting success of wading birds. Greater Everglades Ecosystem Restoration Conference, Fort Lauderdale, FL.
57. Petersen, M. L. and D. E. Gawlik. 2017. Effect of water level fluctuations on resource selection of wading birds. Greater Everglades Ecosystem Restoration Conference, Fort Lauderdale, FL.
58. Chastant, J. E. and D. E. Gawlik. 2017. Landscape-level correlates of wading bird stress in a seasonally fluctuating subtropical lake. Greater Everglades Ecosystem Restoration Conference, Fort Lauderdale, FL.
59. Martinez, M. T., E. R. Kohler, D. E. Gawlik, and S. S. Romañach. 2017. Prey availability of wading birds in intertidal systems. Greater Everglades Ecosystem Restoration Conference, Fort Lauderdale, FL.
60. Kohler, E. R., M. T. Martinez, D. E. Gawlik, and S. Romanach. 2017. Prey selection by the Little Blue Heron (*Egretta Caerulea*) in Great White Heron National Wildlife Refuge. Greater Everglades Ecosystem Restoration Conference, Fort Lauderdale, FL.
61. Faughnan, T. J. and D. E. Gawlik. 2017. Effects of juvenile alligators on dry-season aquatic fauna concentration. Greater Everglades Ecosystem Restoration Conference, Fort Lauderdale, FL.
62. Martinez, M. T., E. R. Kohler, D. E. Gawlik, and S. Romañach. 2017. Wading bird prey availability in intertidal systems. Wilson Ornithological Society annual conference, Fort Myers, FL.
63. Kohler, E. R., M. T. Martinez, D. E. Gawlik, and S. Romanach. 2017. Prey selection by the Little Blue Heron (*Egretta Caerulea*) in Great White Heron National Wildlife Refuge. Wilson Ornithological Society annual conference, Fort Myers, FL.
64. Evans, B. A., J. A. Klassen, and D. E. Gawlik. 2017. Dietary plasticity of Wood Storks in response to human induced rapid environmental change in South Florida. Wilson Ornithological Society annual conference, Fort Myers, FL.
65. Herteux, C. E., D. E. Gawlik, and L. L. Smith. 2017. Wading bird use of geographically isolated wetlands in the Southeastern U.S. Coastal Plain. Wilson Ornithological Society annual conference, Fort Myers, FL.
66. Lee, Z. J., D. A. Essian, and D. E. Gawlik, 2017. Comparison of floatation and candling for estimating the age of snowy egret and tricolored heron eggs. Life Sciences of South Florida Undergraduate Research Symposium, Boca Raton, FL.
67. Essian, D. A., J. E. Chastant, J. May, and D. E. Gawlik. 2017. Influence of hydrological variation on wading bird nest numbers in a prey-rich littoral wetland. Waterbird Society annual conference, Reykjavik, Iceland.
68. Herteux, C. E., D. E. Gawlik, and L. L. Smith. 2017. Wading Bird Use of Geographically Isolated Wetlands in the Southeastern U.S. Coastal Plain. Ornithological Congress of the Americas. Puerto Iguazu, Argentina.
69. Kohler, E. R., M. T. Martinez, D. E. Gawlik, and S. Romanach. 2017. Prey selection by the Little Blue Heron (*Egretta Caerulea*) in Great White Heron National Wildlife Refuge. Ornithological Congress of the Americas. Puerto Iguazu, Argentina.
70. Evans, B. A., J. A. Klassen, and D. E. Gawlik. 2017. Dietary plasticity of a threatened species in response to human-induced rapid environmental change (HIREC). British Ornithologists Union Twitter

- Conference.
71. Evans, B. E., J. A. Klassen, and Dale E. Gawlik. 2016. Changing diet of Wood Storks in response to human-induced landscape change in South Florida. Florida Ornithological Society, Venus, FL.
  72. Essian, D. A., J. E. Chastant, J. C. May, and D. E. Gawlik. 2016. Hydrologic fluctuations influence daily survival rates of small herons and Great Egrets in a subtropical littoral wetland. Waterbird Society, New Bern, NC.
  73. Petersen, M. L. and D. E. Gawlik. 2016. Contrasting resource selection of Great Egrets and Wood Storks in a dynamic ecosystem. Waterbird Society, New Bern, NC.
  74. May, J. C., D. A. Essian, and D. E. Gawlik. 2016. The effects of colony structure and nest position on the reproductive success of wading birds. Waterbird Society, New Bern, NC.
  75. Evans, B. E., J. A. Klassen, and Dale E. Gawlik. 2016. Dietary flexibility of wood storks in response to human-induced rapid environmental change. Waterbird Society, New Bern, NC. **(Runner up Best Student Paper Award)**
  76. Jackson, A. E. and D. E. Gawlik. 2016. Diet plasticity of three Egretta species in response to novel ecosystems. Waterbird Society, New Bern, NC.
  77. Chastant, J. E., M. C. Petersen, and D. E. Gawlik. 2016. Managed water-level fluctuations influence nesting substrate and wading bird nesting patterns in a large shallow eutrophic lake. Waterbird Society, New Bern, NC.
  78. Evans, B. E., J. A. Klassen, and Dale E. Gawlik. 2016. Behavioral flexibility of wood storks in response to human-induced rapid environmental change. Florida Chapter of The Wildlife Society, Gainesville, FL. **(Best Student Paper)**
  79. Kohler, E. R., D. E. Gawlik, M. T. Martinez and S. S. Romanach. 2016. The effects of prey availability on wading birds response to human disturbance. Florida Chapter of The Wildlife Society, Gainesville, FL.
  80. Faughnan, T. J. and D. E. Gawlik. 2016. The effects of juvenile alligators and microtopography on aquatic fauna concentration in a seasonally-pulsed wetland. Florida Chapter of The Wildlife Society, Gainesville, FL.
  81. Essian, D. A., J. E. Chastant, J. C. May, and D. E. Gawlik. 2016. Hydrologic fluctuations influence daily survival rates of wading birds in a subtropical littoral wetland. Florida Chapter of The Wildlife Society, Gainesville, FL.
  82. May, J. C., D. E. Essian, and D. E. Gawlik. 2016. The effects of colony structure and nest position on the reproductive success of wading birds. Florida Chapter of The Wildlife Society, Gainesville, FL.
  83. Jackson, A. E. and D. E. Gawlik. 2016. Diet plasticity of three Egretta species in response to novel ecosystems. Florida Chapter of The Wildlife Society, Gainesville, FL.
  84. Martinez, M. and D. E. Gawlik. 2016. Top-down responses in wading birds to nutrient enrichment in coastal South Florida. Florida Chapter of The Wildlife Society, Gainesville, FL.
  85. Chastant, J. E. and D. E. Gawlik. 2016. Managed water-level fluctuations influence nesting substrate and wading bird nesting patterns in a large shallow eutrophic lake. Ecological Society of America, Fort Lauderdale, FL.
  86. Petersen, M. L. and D. E. Gawlik. 2016. Predicting dynamic wading bird foraging habitat in a pulsed ecosystem. Ecological Society of America, Fort Lauderdale, FL.
  87. May, J. C. and D. E. Gawlik. 2016. The effects of colony structure and nest position on the reproductive success of wading birds. Ecological Society of America, Fort Lauderdale, FL.
  88. Evan, B. A., J. A. Klassen, and D. E. Gawlik. 2016. Dietary shifts of Wood Storks in response to human-induced landscape changes. Ecological Society of America, Fort Lauderdale, FL.
  89. Beerens, J. M., P. C. Frederick, E. G. Noonburg, and D. E. Gawlik. 2016. Determining habitat quality for species that demonstrate dynamic habitat selection. Ecological Society of America, Fort Lauderdale, FL.
  90. Evans, B. A., J. A. Klassen, and D. E. Gawlik. 2015. Dietary shifts of Wood Storks in response to human-induced landscape changes. Corkscrew Watershed Science Forum, Naples, FL.
  91. Callaghan, C. T. and D. E. Gawlik. 2015. Invasion trajectories of nonnative avian species in Florida. Association of Field Ornithologists, Wolfville, Nova Scotia.
  92. Petersen, M. L. and D. E. Gawlik. 2015. Gaining insight from restoration scenario evaluations with wood stork nest effort models. Greater Everglades Ecosystem Restoration conference, Coral Springs, FL.
  93. Klassen, J. A. and D. E. Gawlik. 2015. Bridging the gap between Everglades prey production and wading bird prey selection. Greater Everglades Ecosystem Restoration conference, Coral Springs, FL.
  94. Chastant, J. E. and D. E. Gawlik. 2015. Water level fluctuations influence wading bird prey availability and nesting in a managed lake ecosystem. Greater Everglades Ecosystem Restoration conference, Coral

- Springs, FL.
95. Callaghan, C. T. and D. E. Gawlik. 2015. Diet and selectivity of the Purple Swamphen in South Florida. Invasive Species Symposium at the Greater Everglades Ecosystem Restoration conference, Coral Springs, FL.
  96. Klassen, J. A. and D. E. Gawlik. 2015. Woodstork prey selection compared to landscape prey production. Loxahatchee National Wildlife Refuge Science Symposium 2015, Boynton Beach, FL
  97. Callaghan, C. T. and D. E. Gawlik. 2015. Diet and selectivity of the Purple Swamphen in South Florida. Loxahatchee National Wildlife Refuge Science Symposium 2015, Boynton Beach, FL.
  98. Chastant, J. E. and D. E. Gawlik. 2014. Great Egret stress response to prey availability in a managed lake ecosystem. Waterbird Society, La Paz, Mexico.
  99. Petersen, M. and D. E. Gawlik. 2014. Great Egret and Wood Stork nest effort: contrasting species in a changing landscape. Waterbird Society, La Paz, Mexico.
  100. Calle, L., and D. E. Gawlik. 2014. The effects of moon phase and habitat availability on the abundance of foraging wading birds in intertidal areas. Florida Chapter of The Wildlife Society, Safety Harbor, FL.
  101. Chastant, J. E. and D. E. Gawlik. 2014. Great Egret stress response to prey availability in a managed lake ecosystem. Association of Field Ornithologists and Wilson Ornithological Society, Providence, RI.
  102. Klassen, J. A. and D. E. Gawlik. 2014. Wading bird prey selection and colony survival as a function of hydrologic patterns. Association of Field Ornithologists and Wilson Ornithological Society, Providence, RI.
  103. Botta, R. A. and D. E. Gawlik. 2014. A Habitat Suitability Model for Wading Birds within the Littoral Zone of a Large Subtropical Lake: Correlating Hydrology and Nesting. Association of Field Ornithologists and Wilson Ornithological Society, Providence, RI.
  104. Callaghan, C. T. and D. E. Gawlik. 2014. The Diet and Selectivity of the Purple Swamphen in South Florida. Loxahatchee National Wildlife Refuge Science Symposium. West Palm Beach, FL.
  105. Klassen, J. A. and D. E. Gawlik. 2014. Wood stork prey selection compared to landscape prey production. Loxahatchee National Wildlife Refuge Science Symposium. West Palm Beach, FL.
  106. Botta, R. A. and D. E. Gawlik. 2013. A habitat suitability for the White Ibis, Snowy Egret, and Great Egret at Lake Okeechobee, Florida. Florida Chapter of The Wildlife Society, Melbourne, FL.
  107. Chastant, J. E. and D. E. Gawlik. 2013. Wading bird physiology and prey availability at Lake Okeechobee. Florida Chapter of The Wildlife Society, Melbourne, FL (**Best Student Paper Award**).
  108. Botta, R. A. and D. E. Gawlik. 2013. Habitat suitability for White Ibis, Snowy Egret, and Great Egret at Lake Okeechobee, Florida. Association of Field Ornithologists, Lake Placid, FL.
  109. Beck, T. J., D. E. Gawlik, and E. V. Pearlstine. 2013. Community Patterns in Treatment Wetlands, Natural Wetlands, and Crop Lands in Florida. Association of Field Ornithologists, Lake Placid, FL.
  110. Petersen, M. L. and D. E. Gawlik. 2013. A model of wading bird nest effort in Florida. Association of Field Ornithologists, Lake Placid, FL.
  111. Botson, B. A. and D. E. Gawlik. 2013. Hydrologic parameters that predict wading bird nesting effort. Association of Field Ornithologists, Lake Placid, FL.
  112. Klassen, J. A. and D. E. Gawlik. 2013. Wading bird prey selection and nesting colony survival as a function of hydrology. Association of Field Ornithologists, Lake Placid, FL.
  113. Green, L. R., D. E. Gawlik, and B. E. Lapointe. 2013. Which seagrass species provides better foraging habitat for wading birds? Indian River Lagoon Symposium, Fort Pierce, FL.
  114. Calle, L., D. E. Gawlik, Z. Xie, and B. Johnson. 2012. Predicted changes in foraging habitat of the Little Blue Heron (*Egretta caerulea*) as a function of sea level rise in the Great White Heron National Wildlife Refuge. North American Ornithological Conference, Vancouver, B.C. (**Best Student Paper Award from Association of Field Ornithologists**).
  115. Chastant, J. and D. E. Gawlik. 2012. Wading bird stress response to prey availability in a managed lake ecosystem. North American Ornithological Conference, Vancouver, B.C.
  116. Klassen, J. A. and D. E. Gawlik. 2012. Prey switching by wading birds as an alternative foraging strategy in unpredictable environments. North American Ornithological Conference, Vancouver, B.C.
  117. Botson, B. A. and D. E. Gawlik. 2012. Quantifying the effect of water-level fluctuations on nest effort of White Ibis, Wood Storks and Great Egrets. North American Ornithological Conference, Vancouver, B.C.
  118. Calle, L., D. E. Gawlik, Z. Xie, and B. Johnson. 2012. Predicted changes in foraging habitat of the Little Blue Heron (*Egretta caerulea*) as a function of sea level rise in the Great White Heron National Wildlife Refuge. Ecological Society of America conference, Portland, OR.
  119. Beerens, J. M., E. Noonburg, D. E. Gawlik, and D. Donalson. 2012. Wading bird foraging trade-offs in response to the production and concentration of prey. Ecological Society of America conference,

- Portland, OR.
120. Chastant, J. and D. E. Gawlik. 2012. Wading bird stress response to prey availability in a managed lake ecosystem. Florida Chapter of The Wildlife Society, Ocala, FL.
  121. Klassen, J. A. and D. E. Gawlik. 2012. Hydroperiod, food, and competitor density differentially influence the body condition of Everglades' fish and crayfish. Florida Chapter of The Wildlife Society, Ocala, FL, (**Best Student Paper Award**).
  122. Calle, L., D. E. Gawlik, Z. Xie, and B. Johnson. 2012. Predicted changes in foraging habitat of the Little Blue Heron (*Egretta caerulea*) as a function of sea level rise in the Great White Heron National Wildlife Refuge. Florida Chapter of The Wildlife Society, Ocala, FL.
  123. Chastant, J. E. and D. E. Gawlik. 2012. Wading bird stress response to prey availability in a managed lake ecosystem. INTECOL International Wetlands Conference, Orlando, FL.
  124. Klassen, J. A. and D. E. Gawlik. 2012. Hydroperiod, resources, and competitor density differentially influence the body condition of Everglades' fish and crayfish. INTECOL International Wetlands Conference, Orlando, FL.
  125. Beerens, J. M., E. Noonburg, D. E. Gawlik, and D. Donalson. 2012. Generating CERP performance measures from spatio-temporal habitat suitability indices. INTECOL International Wetlands Conference, Orlando, FL.
  126. Beerens, J. M., E. Noonburg, D. E. Gawlik, and D. Donalson. 2012. Wading bird foraging trade-offs in response to the production and concentration of prey. INTECOL International Wetlands Conference, Orlando, FL.
  127. Gawlik, D. E., Z. Xie, T. Wilmers. 2011. Feasibility of evaluating the impacts of sea level rise on foraging habitats of the Little Blue Heron in the Great White Heron National Wildlife Refuge. Conference on sea level rise and the Florida Keys, Duck Key, FL.
  128. Botson, B. A., D. E. Gawlik, and J. C. Trexler. 2011. Modeling trophic linkages with wading bird prey concentrations: turning ecosystem attributes into wading bird food. Waterbird Society Conference, Grand Isle, NE.
  129. Petersen, M. L., D. E. Gawlik, and M. I. Cook. 2011. Foraging habitat parameters: preferences of Everglades wading birds. Waterbird Society Conference, Grand Isle, NE.
  130. Beerens, J. M., Dale E. Gawlik, and Erik Noonburg. 2011. Modeling flexible habitat selection of wading birds in dynamic wetlands. Waterbird Society Conference, Grand Isle, NE.
  131. Botta, R. A., and D. E. Gawlik. 2011. The effects of lake stage and marsh elevation on wading bird nesting effort at Lake Okeechobee, Florida. Waterbird Society Conference, Grand Isle, NE.
  132. Farmer, B. R., B. A. Botson, T. J. Beck, and D. E. Gawlik. 2011. Composition of wading bird foraging flocks as indicators of prey community structure in the Everglades. Florida Chapter of The Wildlife Society, Safety Harbor, FL.
  133. Botson, B. A., D. E. Gawlik, and J. C. Trexler. 2011. Modeling trophic linkages with wading bird prey concentrations: turning ecosystem attributes into wading bird food. Florida. Florida Chapter of The Wildlife Society, Safety Harbor, FL, (**Best Student Paper Award**).
  134. Botta, R. A., and D. E. Gawlik. 2011. The effects of lake stage and marsh elevation on wading bird nesting effort at Lake Okeechobee, Florida. Florida Chapter of The Wildlife Society, Safety Harbor, FL.
  135. Botson, B. A., D. E. Gawlik, and J. C. Trexler. 2011. Modeling trophic linkages with wading bird prey concentrations: turning ecosystem attributes into wading bird food. Joint conference of Association of Field Ornithology, Cooper Ornithological Society, and Wilson Society for Ornithology, Kearney, NE.
  136. Petersen, M. L., D. E. Gawlik, and M. I. Cook. 2011. Foraging Habitat Parameters: Preferences of Everglades Wading Birds. Joint conference of Association of Field Ornithology, Cooper Ornithological Society, and Wilson Society for Ornithology, Kearney, NE.
  137. Beerens, J. M., Dale E. Gawlik, and Erik Noonburg. 2011. Modeling flexible habitat selection of wading birds in dynamic wetlands. Joint conference of Association of Field Ornithology, Cooper Ornithological Society, and Wilson Society for Ornithology, Kearney, NE.
  138. Botta, R. A., and D. E. Gawlik. 2011. The effects of lake stage and marsh elevation on wading bird nesting effort at Lake Okeechobee, Florida. Joint conference of Association of Field Ornithology, Cooper Ornithological Society, and Wilson Society for Ornithology, Kearney, NE.
  139. Parker, A. D., J. C. Trexler, D. E. Gawlik, and B. A. Botson. 2011. Environmental filters of wet-season aquatic communities into dry-season pools of the Florida Everglades. Ecological Society of America conference, Austin, TX.
  140. Beck, T. J., D. E. Gawlik, E. V. Pearlstine. 2010. The importance of treatment wetlands as avian habitat in South Florida. Greater Everglades Ecosystem Restoration Conference, Naples, FL.

141. Botta, R. A. and D. E. Gawlik. 2010. Effects of lake stage and marsh elevation on wading bird nesting effort at Lake Okeechobee. Greater Everglades Ecosystem Restoration Conference, Naples, FL.
142. Botson, B. A., D. E. Gawlik, and J. C. Trexler. 2010. Modeling trophic linkages with wading bird prey concentrations: turning ecosystem attributes into wading bird food. Greater Everglades Ecosystem Restoration Conference, Naples, FL.
143. Beerens, J. M., D. E. Gawlik, and M. I. Cook. 2010. Resource selection functions as an empirical approach to developing a wading bird habitat suitability index (HSI). Greater Everglades Ecosystem Restoration Conference, Naples, FL.
144. Calle, L. and D. E. Gawlik. 2010. Anthropogenic resource utilization in the diet of the Sacred Ibis, *Threskiornis aethiopicus*, a non-native wading bird in southeastern Florida, USA. Greater Everglades Ecosystem Restoration Conference, Naples, FL.
145. Petersen, M. L. and D. E. Gawlik. 2010. Foraging habitat preferences of Everglades' wading birds. Florida Chapter of The Wildlife Society, Tallahassee, FL.
146. Calle, L. and D. E. Gawlik. 2010. Anthropogenic resource utilization in the diet of the Sacred Ibis, *Threskiornis aethiopicus*, a non-native wading bird in southeastern Florida, USA. Florida Chapter of The Wildlife Society, Tallahassee, FL.
147. Botta, R. A. and D. E. Gawlik. 2010. Effects of lake stage and marsh elevation on wading bird nesting effort at Lake Okeechobee. Florida Chapter of The Wildlife Society, Tallahassee, FL.
148. Beerens, J. M., D. E. Gawlik, G. Herring, and M. I. Cook. 2009. Dynamic resource selection by two wading bird species with divergent foraging strategies in a seasonally fluctuating wetland. Waterbird Society. Cape May, NJ (invited).
149. Beck, T. J., D. E. Gawlik, and E. V. Pearlstine. 2009. Avian abundance and diversity as restoration metrics in the Florida Everglades (USA): more is not better. Society for Ecological Restoration International, Perth, Australia.
150. Botson, B. A. and D. E. Gawlik. 2009. Empirical support for the key trophic hypothesis underlying the restoration of in the Florida Everglades, USA. Society for Ecological Restoration International, Perth, Australia.
151. Botson, B. A., D. E. Gawlik, and J. C. Trexler. 2008. The effects of hydrological variation on seasonal wading bird prey concentrations in the Everglades. Joint meeting of the American Ornithologist's Union and Cooper Ornithological Society, Portland, OR.
152. Lantz, S. M. and D. E. Gawlik. 2008. The effects of vegetation and water depth on wading bird foraging site selection and foraging success in the Everglades. Joint meeting of the American Ornithologist's Union and Cooper Ornithological Society, Portland, OR.
153. Beerens, J. M. and D. E. Gawlik. 2008. Resource selection of two wading bird species with divergent foraging strategies. Joint meeting of the American Ornithologist's Union and Cooper Ornithological Society, Portland, OR.
154. Beerens, J. M. and D. E. Gawlik. 2008. Resource selection of two wading bird species with divergent foraging strategies. Greater Everglades Ecosystem Restoration Planning, Policy and Science Meeting, Naples, FL.
155. Botson, B. A., D. E. Gawlik, and J. C. Trexler. 2008. The effects of hydrological variation on seasonal wading bird prey concentrations in the Everglades. Greater Everglades Ecosystem Restoration Planning, Policy and Science Meeting, Naples, FL.
156. Lantz, S. M. and D. E. Gawlik. 2008. The effects of vegetation and water depth on wading bird foraging site selection and foraging success in the Everglades. Greater Everglades Ecosystem Restoration Planning, Policy and Science Meeting, Naples, FL.
157. Botson, B. A., D. E. Gawlik, and J. C. Trexler. 2008. The effects of hydrological variation on seasonal wading bird prey concentrations in the Everglades. The Wildlife Society, Miami, FL.
158. Beerens, J. M. and D. E. Gawlik. 2008. Habitat selection of two wading bird species with divergent foraging strategies. The Wildlife Society, Miami, FL.
159. Herring, G. and D. E. Gawlik. 2008. Physiological responses of pre-breeding adult Great Egret and White Ibis to contrasting habitat conditions. The Wildlife Society, Miami, FL.
160. Beerens, J. M., D. E. Gawlik, G. Herring, and T. Beck. 2007. Movements of two wading bird species with divergent foraging strategies in the Everglades. Cooper Ornithological Society, Moscow, ID (poster).
161. Botson, B. A. and D. E. Gawlik. 2007. The effects of hydrological variation on seasonal wading bird prey concentrations in the Everglades. Cooper Ornithological Society, Moscow, ID.
162. Heidemann, P.M., D.E. Gawlik and L.G. Pearlstine. 2007. A landscape quality index for the wood stork

- and white ibis in southwestern Florida (part 1: unit model). National Conference on Ecosystem Restoration, Kansas City, MO (poster).
163. Herring, G. and D. E. Gawlik. 2007. Constraints of landscape level prey availability on physiological condition and productivity of Great Egrets and White Ibises in the Florida Everglades. American Ornithologist's Union, Laramie, WY.
  164. Herring, G. and D. E. Gawlik. 2007. Physiological condition and survival of Great Egret and White Ibis chicks in the Florida Everglades. Florida Chapter of the Wildlife Society, St. Petersburg, FL.
  165. Marx, D. E. and Gawlik, D. E. 2007. The importance of private lands to the conservation of colonial waterbirds breeding at Lake Okeechobee, Florida, USA. Florida Chapter of the Wildlife Society, St. Petersburg, FL.
  166. Beerens, J. M. and D. E. Gawlik. 2006. Resource use and movements of breeding great egrets and white ibises in the Everglades. North American Ornithological Conference, Veracruz, Mexico (poster).
  167. Botson, B. A., R. L. Harris, and D. E. Gawlik. 2006. Seasonal wading bird prey concentrations in the Florida Everglades. North American Ornithological Conference, Veracruz, Mexico (poster).
  168. Heidemann, P. M., B. Botson, L. Pearlstine, Z. Shang, R. Harris, D. E. Gawlik, F. Mazzotti and A. Higer. 2006. Application of the Everglades Depth Estimation Network (EDEN) to monitoring and restoration. Greater Everglades Ecosystem Restoration Conference, Orlando, FL.
  169. Herring, G. and D. E. Gawlik. 2006. Constraints of landscape level prey availability on physiological condition and productivity of Great Egrets and White Ibises in the Florida Everglades. North American Ornithological Conference, Veracruz, Mexico (poster).
  170. Marx, D. E. and Gawlik, D. E. 2006. The importance of private lands to the conservation of colonial waterbirds breeding at Lake Okeechobee, Florida, USA. North American Ornithological Conference, Veracruz, Mexico.
  171. Herring, G. and D. E. Gawlik. 2005. Constraints of landscape level prey availability on physiological condition and productivity of Great Egrets and White Ibises in the Florida Everglades. Waterbird Society, Jekyll Island, GA.
  172. Herring, G., D. E. Gawlik, R. L. Harris, B. A. Botson, and B. Garrett. 2004. Assessing aquatic fauna seasonal concentrations in the Florida Everglades. Society for Restoration Ecology, Victoria, British Columbia.

#### **STUDENT PUBLICATIONS FROM THE GAWLIK LAB**

1. Evans, B. A. and A. E. Jackson. 2019. Artificial lure use by a Great White Heron (*Ardea herodias occidentalis*) in south Florida. *Wilson Journal of Ornithology* 131:171-173.
2. Jackson, A. E. and B. A. Evans 2019. Novel foraging behavior on nestling regurgitants by adult snowy egrets. *Florida Field Naturalist*: 47:21-24.
3. Klassen, J. A. 2014. Beak deformity in a nestling Tricolored Heron (*Egretta tricolor*) in South Florida. *Florida Field Naturalist* 42:70-72.
4. Herring, G. and H. E. Kirk. 2007. Commensal feeding of Great Egrets with black-tailed deer. *Western Birds* 38:299-302.
5. Herring, G. and H. E. Kirk. 2007. Novel Snowy Egret foraging behavior. *Wilson Journal of Ornithology*. 119:118-119.
6. Herring, G., E. M. Call and M. D. Johnston. 2006. A non-indigenous wading bird breeding in the Florida Everglades: the Sacred Ibis. *Florida Field Naturalist* 34:4-8.
7. Herring, G., M. D. Johnston, and E. M. Call. 2005. Intraspecific predation in juvenile White Ibis. *Waterbirds* 28:531-532.
8. Herring, G. 2006. "Book Review" Spatial ecological-economic analysis for wetland management. J. C. J. M. van den Bergh, A. Barendregt, and A. J. Gilbert. *Journal of Wildlife Management* 70:892.