

Daniel E. Dawson, Ph.D.

Contact

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Education

Ph.D.: Texas Tech University, Lubbock, TX.

Major area of study: Environmental Toxicology

Faculty advisors: Dr. Christopher J. Salice, Towson University, Baltimore, MD

Dr. Steven M. Presley, Texas Tech University, Lubbock, TX

Dissertation: “Exploring the effects of environmental characteristics and anthropogenic activities on mosquito populations: an experimental and spatially explicit model-based approach.”

Degree conferred in August 2016

M.Sc.: University of Florida, Gainesville, FL.

Major area of study: Wildlife Ecology and Conservation

Faculty advisor: Dr. Mark Hostetler

Thesis: “Use of edge and interior habitat of urban forest remnants by avifauna and Herpetofauna.”

Degree conferred in May 2007.

B.S.: University of Florida, Gainesville, FL.

Major area of study: Wildlife Ecology and Conservation

Degree conferred in August 2004.

Professional Certifications

- Certified Senior Ecologist (Ecological Society of America): 2025-2026

Professional Organizations

- Society of Environmental Toxicology and Chemistry (Member): 2023-Current
- Society of Toxicology (Member): 2023-Current
- Ecological Society of America (Member): 2025-Current

Professional Service

- Interstate Technology and Regulatory Council (ITRC), Member of Biological Contaminants of Emerging Concern Team, 2024-2025
- USDA Agriculture and Food Research Initiative (AFRI) Grant Panelist, 2026

Work Experience (Post-Graduate)

Current Position: Started June 2022

Senior Scientist with Integral Consulting Inc. Position involves providing technical support for ecological, toxicological, and modeling needs of client projects. Work to date has involved providing ecological and toxicological support for natural resource damage assessments, conducting reviews of toxicological safety assessments of consumer products, conducting animal movement and exposure modeling to help assess impacts of offshore wind projects, aquatic toxicological modeling, conducting literature reviews, development of comments in response to regulatory filings, the development of exposure assessment models, and support updating the iSTREEM platform.

Previous Positions

September 2019-May 2022

Post-doctoral Researcher with the US Environmental Protection Agency Office of Research and Development, within the Center for Computational Toxicology and Exposure. Position duties involved leading work efforts on multiple projects, including the development of machine learning models of toxicokinetic parameters, modeling human exposure to chemicals using high-throughput methods and computational methods, and estimating pesticide exposure to honeybee populations using colony dynamics models. I also worked with the Office of Pollution Prevention and Toxics on the re-evaluation of 1,4-dioxane and developed a novel model to estimate the source allocation of 1,4-dioxane in surface water. This position produced 5 publications.

Typical Work Schedule: 8am-5pm, Monday-Friday; Work Hours: 40 hours per week

August 2016-September 2019.

Post-doctoral researcher in the lab of Cristina Lanzas, Department of Population Health and Pathobiology, College of Veterinary Medicine, North Carolina State University

Primary work duties involved developing individual-based modeling (IBM) and network modeling techniques in pasture and feed-lot cattle study systems to elucidate how heterogeneous contact structures between hosts and the non-host environment contribute to enteric pathogen transmission dynamics. Secondary projects in collaborative research were aimed at describing ecological and societal drivers of the spatial distribution of vector-borne disease, characterizing the role of social interaction in disease transmission in cattle, and using phylodynamics to reconstruct transmission networks. This position has resulted in 8 publications.

Typical Work Schedule: 8am-5pm, Monday-Friday; Work Hours: 40 hours per week

August 2012-August 2016

PhD Candidate at Texas Tech University

Core curriculum covered principles of toxicology, environmental fate of chemicals, aquatic toxicology, chemical quantification and instrumentation use, and statistical analysis.

Thesis project, funded in part by an EPA STAR Fellowship (awarded in 2014), included characterizing the effects of toxicological and environmental stressors on mosquitoes, and the development of statistical and agent-based models of spatially explicit modeling tools to model mosquito populations. This position has resulted in 4 publications to date.

The typical work schedule was highly variable depending upon the season and course load.

August 2011– August 2012

Research Associate with the Texas Cooperative Fish and Wildlife Research Unit (TCFWRU) at Texas Tech University

Position included data mining, analysis, and write-up as part of a multipart study examining the drivers of Golden alga (*Prymnesium parvum*) blooms and the impact of climate on water quality in Texas reservoirs. This position resulted in 2 publications.

Typical Work Schedule: 8am-5pm, Monday-Friday; Work Hours: 40 hours per week

April 2010 – August 2011

Extension Assistant with the Texas A&M Institute of Renewable Natural Resources (IRNR)

Position included helping to coordinate ground-level IRNR field research activities on the Fort Hood Military Reservation involving two endangered species, Black-Capped Vireo (BCVI) and Golden-Cheeked Warbler (GCWA). Duties included the development of a GPS-integrated navigation system for field crews on the live-fire area of the base, coordinating logistical demands between base personnel and research crews, the preparation of reports and GIS products, participation in field data collection, and data analysis.

Typical Work Schedule during the non-field season: 8am-5pm, Monday-Friday; Work Hours: 40 hours per week

October 2007 – April 2010

Environmental Investigator with the Texas Commission on Environmental Quality

Carried out investigations of public water systems in TCEQ Region 5 (Tyler) to determine if they were operating within state regulations. Also provided conducted investigations of citizen complaints, provided technical assistance, and participated on the emergency response team.

Typical Work Schedule: 8am-5pm, Monday-Friday; Work Hours: 40 hours per week

July 2007 –October 2007

Engineering Technician with the Texas Commission on Environmental Quality

Operated and maintained Non-Continuous Air Monitoring Samplers (NCAMS) and Continuous Air Monitoring Samplers (CAMS) at CAMS stations, along with shipping samples, and completing routine and other maintenance.

Typical Work Schedule: 8am-5pm, Monday-Friday; Work Hours: 40 hours per week

Teaching Experience

Fall 2016 and Fall 2018

Teaching Assistant for “Infectious Disease Dynamics” Veterinary Student Selective Course

Along with the professor, I have led discussions and created modelling exercises for students to learn about disease ecology and quantitative disease modeling.

Spring 2018

Lecturer for Graduate Course in Infectious Disease Modeling

- Introduction to program R
- Agent-based modeling

Fall 2013

Teaching Assistant for “Applied Statistics for Environmental Toxicology” class. Along with another TA, I was responsible for producing and grading a weekly lesson and exercise for the program R-based statistics lab that accompanied the lecture course.

Fall 2008, Spring 2010 Semesters

Adjunct Faculty at Tyler Junior College

Co-instructed the lab portion of a non-biology major’s course entitled “Environmental Science”. Lab course contents included generalized overviews of multiple environmental science topics including microorganisms, taxonomy, arthropods, animal skulls and tracks, botany, and soil science, accompanied by demonstrative hands-on exercises.

Fall 2006

Teaching Assistant for “Wildlife Issues in a Changing World” class

Assisted the professor in teaching a non-major, introductory wildlife class to a section with approximately 600 students. Duties included assisting students with questions and problems, proctoring exams, and helping with activities involved with the class.

Publications

Chiara Accolla, Amelie Schmolke, Nika Galic, Steve Bartell, **Daniel Dawson**, Klaus Peter Ebke, Jana Gerhard, Analise Lindborg, Ann-Kathrin Loerracher, Isabel O’Connor, Robert Pastorok, Damian Preziosi, Brandon Sackmann, Conner Schultz, Nele Schuwirth, Tido Strauss, Roman Ashauer, Comparison of aquatic system models using outdoor mesocosm data for ecological risk assessment, part II: results and outlooks, Integrated Environmental Assessment and Management, Volume 22, Issue 3, May 2026, Pages 932–944, <https://doi.org/10.1093/inteam/vjag034>

Dawson, D., Minucci, J. M., & Purucker, T. (2025). Incorporating a nectar-based pesticide module into BeeHave, an agent-based model of honeybee population dynamics. Ecological Solutions and Evidence, 6, e70105. <https://doi.org/10.1002/2688-8319.70105>

East, Alexander, **Daniel E. Dawson**, Sydney Brady, Daniel A. Vallero, and Rogelio Tornero

-Velez. 2023. "A Scoping Assessment of Implemented Toxicokinetic Models of Per- and Polyfluoro-Alkyl Substances, with a Focus on One-Compartment Models" *Toxics* 11, no. 2: 163. <https://doi.org/10.3390/toxics11020163>

Dawson, Daniel E., Christopher Lau, Prachi Pradeep, Risa R. Sayre, Richard S. Judson, Rogelio Tornero-Velez, and John F. Wambaugh. 2023. "A Machine Learning Model to Estimate Toxicokinetic Half-Lives of Per- and Polyfluoro-Alkyl Substances (PFAS) in Multiple Species" *Toxics* 11, no. 2: 98. <https://doi.org/10.3390/toxics11020098>

Garber, Kristina, Gloria DeGrandi-Hoffman, Robert Curry, Jeffrey M. Minucci, **Daniel E. Dawson**, Cameron Douglass, Joseph P. Milone, and S. Thomas Purucker. 2022. "Simulating the Effects of Pesticides on Honey Bee (*Apis mellifera* L.) Colonies with BeePop+" *Ecologies* 3, no. 3: 275-291. <https://doi.org/10.3390/ecologies3030022>.

Dawson D, Hunter F, Noble A, Meng Q, Doherty AC, Sakano Y, Vallero D, Tornero-Velez R., and Cohen-Hubal E.A. 2022. An assessment of non-occupational 1,4-dioxane exposure pathways from drinking water and product use. *Environmental Science and Technology*. **Primary Role:** Led conceptual development and study design, conducted modeling and analysis, wrote and revised paper.

East A, **Dawson D**, Glen G, Isaacs K, Dionisio K, Price P, Hubal E, Vallero D. 2021. The Residential Population Generator (RPGen): Parameterization of Residential, Demographic, and Physiological Data to Model Intraindividual Exposure, Dose, and Risk. *Toxics*. 9(11): 303; <https://doi.org/10.3390/toxics9110303>. **Primary Role:** Reviewed coding and assisted in the writing, review and revision of manuscript.

Farthing T, **Dawson D**, Sanderson M, Seger H, and Lanzas C. 2021. Combining epidemiological and ecological methods to quantify social effects on *Escherichia coli* transmission. *R. Soc. open sci.* 8210328210328 <http://doi.org/10.1098/rsos.210328> **Primary Role:** Developed concepts and initial analysis scripts, revised paper

Dawson D, Rasmussen D, Peng X, and Lanzas C. 2021. Inferring environmental transmission using phylodynamics: a case-study using simulated evolution of an enteric pathogen. *J. R. Soc. Interface*. **18**. 20210041.20210041. **Primary Role:** Developed concept, conducted modeling and analysis, wrote and revised paper.

Dawson D, Ingle B, Phillips K, Nichols J, Wambaugh J, and Tornero-Velez R. 2021. Designing QSARS for parameters of high-throughput toxicokinetic models using open-source descriptors. *Environmental Science and Technology*. 55(9) :6505-6517 **Primary Role:** Conducted modeling and analysis, wrote and revised paper.

Farthing T, **Dawson D**, Sanderson W, and Lanzas C. 2020. Accounting for space and uncertainty in real-time location system-derived contact networks. *Ecology and Evolution*. 00. 1-14. <https://doi.org/10.1002/ece3.6225>

Primary Role: Helped design software, participated in study design; reviewed paper.

Lanzas C, Davies K, Erwin S, and **Dawson, D.** 2019. On modelling environmentally transmitted pathogens. *Interface Focus*. 10:20190056.

Primary Role: Assisted in writing, literature review and editing of paper.

Dawson D, Seenivasan S, and Salice C. 2019. Efficacy of *Bacillus thuringiensis israelensis* larvicide against *Culex tarsalis* in municipal wastewater and water from natural wetlands. *Journal of the American Mosquito Control Association*. 35(2): 97-106.

Primary Role: Designed study; collected and analyzed non-analytical chemistry data; wrote and revised paper.

Lashnits E, **Dawson D**, Breitschwerdt E, Lanzas C. 2019. Ecological and socioeconomic drivers of *Bartonella henselae* exposure in dogs in North Carolina. *Vector-borne and Zoonotic Diseases*. 19(8).

Primary Role: Assisted in data processing and methods; provided critical review

Dawson D, Dacko N, Kurian A, Salice C. 2019. A model of *Culex quinquefasciatus* SAY abundance constructed using routine surveillance and treatment data in Tarrant County, Texas. *Journal of the American Mosquito Control Association*. 35(1):1-10.

Primary Role: I processed, analyzed and modeled the data, and wrote and revised the paper.

Apandey A, **Dawson D.** 2019. The shapes of virulence to come. *Evolution, Medicine, and Public Health*. Volume 2019 (1): 3.

Primary Role: I assisted with development of primary concepts and co-wrote the paper.

Dawson D, Farthing T, Sanderson M., and Lanzas C. 2019. Transmission on empirical dynamic contact networks is influenced by processing decisions. *Epidemics*. 26: 32-42.

Primary Role: Managed and processed data; development of analytical methods; designed and conducted data analysis; wrote and revised paper.

Dawson D, Keung J, Napoles M, Vella M, Chen, S, Sanderson M, and Lanzas C. 2018. Investigating behavioral drivers of seasonal *Shiga-toxigenic Escherichia coli* (STEC) patterns in grazing cattle using an agent-based model. *Plos One*. 13(10):e0205418.

Primary Role: Designed study, constructed, calibrated, and analyzed the model; conducted data analyses; wrote and revised paper.

Peper S, **Dawson D**, Dacko N, Athanasiou K, Hunter J, Loko F, Almas S, Sorensen G, Urban K, Wilson-Fallon A, Haydett K, Greenberg H, Gibson A, and Presley S. 2018. Predictive modeling for West Nile Virus and mosquito surveillance in Lubbock, TX, USA. *Journal of the American Mosquito Control Association*. 34(1):18-24.

Primary Role: Assisted in construction of model and interpretation of results; assisted in writing sections of paper; critical review

Reatiegui-Zirena E, Fidder B, Olson A, **Dawson D**, Bilbo T, and Salice

C, 2017. Transgenerational endpoints provide increased sensitivity and insight into multigenerational responses of *Lymnaea stagnalis* exposed to cadmium. *Environmental Pollution*. 224: 572-580.

Primary Role: Assisted in collection of data

Salice C, **Dawson D**, Weir S. 2016. Challenges and paths forward in predicting risk of vector-borne diseases: from mechanistic to rule-based modeling frameworks. *In* Kendall R, Presley S and Ramkumar S, Eds, *New Developments in Biological and Chemical Terrorism Countermeasures*. CRC Press, Boca Raton, pp 22–49.

Primary Role: Developed analytical method and conducted analysis; wrote section and produced figures for chapter.

Gelca R, Hayhoe K, Scott-Fleming I, Crow C, **Dawson D**, Patiño R. 2015. Climate-water quality relationships in Texas reservoirs. *Hydrological Processes*. doi:10.1002/hyp.10545

Primary Role: Provided figures and critical review.

Dawson D, Vanlandeghem M, Asquith W, Patino R. 2015. Long-term trends in reservoir water quality and quantity in two major river basins of the southern Great Plains Lake and Reservoir Management. 31:254–279.

Primary Role: Managed and processed data; conducted analyses; wrote initial draft and helped revise paper.

Patiño R, **Dawson D**, VanLandeghem M. 2014. Retrospective analysis of associations between water quality and toxic blooms of golden alga (*Prymnesium parvum*) in Texas reservoirs: Implications for understanding dispersal mechanisms and impacts of climate change. *Harmful Algae*. 33:1–11.

Primary Role: Managed and processed data; conducted analyses; wrote initial draft and helped revise paper

Dawson D, Hostetler M. 2010. Edge avoidance by birds within urban forest remnants. *Florida Scientist*. 73:203–217.

Primary Role: Designed study; collected and analyzed data; wrote and revised paper.

Dawson D, Hostetler M. 2008. Herpetofaunal Use of Edge and Interior Habitats in Urban Forest Remnants. *Urban Habitats*. 5:23.

Primary Role: Designed study; collected and analyzed data; wrote and revised paper.

Presentations

Oral Presentations

Dawson, D., Preziosi, D., 2024. Using Ecological Risk Assessment to Assess EMF Impacts to Marine Life From Offshore Wind Infrastructure. *Annual Offshore Technology*

Conference. Houston, TX.

- Dawson, D., Minucci, J., and Purucker, T. 2021. Getting BeeHave to Behave: Extending and Calibrating an Agent-Based Model of Honey Bee Dynamics for Pesticide Exposure Data Using Approximate Bayesian Computation (ABC). Annual North American Meeting of the Society of Environmental Toxicology and Chemistry (SETAC).
- Dawson, D., Hunter, F., Noble, A., Meng, Q., AC, D., Vallero, D., Tornero-Velez, R., and Cohen-Hubal, E. 2021. Developing scientific workflows for exposure assessments: a case study with 1,4-dioxane. Annual Meeting of the International Society of Exposure Scientists.
- Dawson, D., Ingle, B., Phillips, K., Nicols, J., Wambaugh, J., and Tornero-Velez, R. Designing QSARS for parameters of high-throughput toxicokinetic models using open-source descriptors. 2020 Annual Meeting of the Society of Environmental Toxicology and Chemistry.
- Dawson D.E., Rasmussen, D., Peng, X., and Lanzas C. Inferring environmental transmission using phylodynamics: A case-study using simulated evolution of an enteric pathogen. Epidemics: 7th International Conference on Infectious Disease Dynamics. Charleston, SC.
- Daniel D.E., Farthing T., Sanderson M., Lanzas, C. Transmission on empirical dynamic contact networks is influenced by data processing decisions. 2018. College of Veterinary Medicine Research Symposium. North Carolina State University. Raleigh, NC
- Dawson, D. 2017. Spatially-explicit simulation modeling of mosquito populations: a potential mosquito control tool. Annual meeting of the American Mosquito Control Association. San Diego, CA.
- Dawson, D. and C. Salice. 2016. Modeling mosquito population dynamics using surveillance, treatment, habitat and climate data in Tarrant County, Texas. Annual meeting of the American Mosquito Control Association. Savannah, GA.
- Dawson, D. and C. Salice. 2015. A spatially-explicit population model for *Culex tarsalis* in the Southern High Plains built with the Program R/NetLogo interface. Annual Meeting of the Society of Vector Ecology. Albuquerque, N.M.
- Dawson, D., and C. Salice. 2015. A spatially-explicit, rule-based approach to predicting and managing mosquito populations. Annual meeting of the American Mosquito Control Association. New Orleans, LA.
- Dawson, D., C. Salice. 2014. A spatially-explicit, rule-based approach to predicting and managing mosquito populations. Annual meeting of the Society of Environmental Toxicology and Chemistry. Vancouver, Canada.
- Dawson, D., S. Weir, A. Olson, T. Bilbo, and C. Salice. 2014. Population effects of sub-lethal

malathion exposure to larvae of the yellow-fever mosquito, *Aedes aegypti*; influence of chemical concentration, temperature, and age at exposure. Texas Tech Association of Biologists Science Symposium. Lubbock, TX.

Dawson, D. and R. Patiño. 2012. Demonstration of the beta-version of the Texas Reservoir Water Data Portal. Annual collaborators meeting of the Texas Cooperative Fish and Wildlife Cooperative Research Unit . Austin, TX.

Dawson, D. 2009. The Groundwater Rule: Presentation of new rules pertaining to groundwater bacteriological tests. Texas Rural Water Association July Meeting. Athens, TX.

Dawson, D. 2006. Use of edge and interior habitat of urban forest remnants by avifauna and herpetofauna. Master's Research Fall Symposium. Department of Wildlife Ecology and Conservation. University of Florida, Gainesville, FL.

Dawson, D. 2006. The Wildlife Around You. Oak Hall Lower School. Gainesville, FL.

Dawson, D. and M. Hostetler. 2006. Avian diversity of small urban patches on the University of Florida campus: an edge versus interior comparison. Annual Spring Meeting of The Florida Chapter of The Wildlife Society. Cocoa Beach, FL

Dawson, D. and K. Hulen. 2004. Reproductive biology and potential ecological impacts of introduced catfish, *Hoplosternum littorale*, in Florida. Annual Spring Meeting of The Florida Chapter of The Wildlife Society. Mt. Dora, FL.

Poster Presentations

Dawson, D., Preziosi, D., Schultz, C., and Pastorok, R. 2023. Using an agent-based model to estimate effects of EMF exposure from offshore wind infrastructure on benthic marine organisms. American Clean Power Offshore Wind Power Conference. Boston, MA.

Dawson, D., Preziosi, D., Schultz, C., and Pastorok, R. 2023. Using an agent-based model to estimate effects of EMF exposure from offshore wind infrastructure on benthic marine organisms. Annual North American Meeting of the Society of Environmental Toxicological and Chemistry (SETAC). Louisville, KY.

Dawson D, Hunter F, Noble A, Meng Q, Doherty AC, Sakano Y, Vallero D, Tornero-Velez R., and Cohen-Hubal E.A. 2022. An assessment of non-occupational 1,4-dioxane exposure pathways from drinking water and product use. Annual Meeting of the Society of Toxicology

Dawson, D., Tornero-Velez, R., Pradeep, P., Judson, R., Wambaugh, J. A 2021. A quantitative structure-activity relationship (QSAR) model to estimate half-lives of perfluoro-alkyl substances (PFAS) in multiple species. Annual Meeting of the Society of Toxicology.

Dawson, D., Tornero-Velez, R., Pradeep, P., Judson, R., Wambaugh, J. A 2020. A quantitative structure-property relationship (QSPR) model to estimate half-lives of perfluoro-alkyl substances (PFAS) in multiple species. Annual Meeting of the International Society of Exposure Scientists.

Daniel D.E., Farthing T., Sanderson M., Lanzas, C. Transmission on empirical dynamic contact networks is influenced by data processing decisions. 2018. 16th Annual Conference on the Ecology and Evolution of Infectious Disease. Glasgow, UK.

Daniel E. Dawson, D.E., Keung, J.H., Napoles, M.G., Vella, M.R., Chen, S., Sanderson, M., Lanzas, C. 2017. Investigating seasonality in the transmission of enteric pathogens using an agent-based model. Ecology and Evolution of Infectious Diseases. Santa Barbara, CA.

Dawson, D. S. Weir, A. Olson, T. Bilbo, and C. Salice. 2014. Population effects of sub-lethal Malathion exposure to larvae of the yellow-fever mosquito, *Aedes aegypti*; influence of chemical concentration, temperature, and age at exposure. Annual North American Meeting of the Society of Vector Ecology. San Antonio, TX.

Dawson, D., S. Weir, A. Olson, T. Bilbo and C. Salice. 2013. Effects of sub-lethal malathion exposure to *Aedes aegypti*: influence of age of first exposure and temperature on life history traits and population structure. Annual meeting of the Society of Environmental Toxicology and Chemistry. Nashville, TN.

Dawson, D., M. VanLandeghem, and R. Patiño. 2012. Use of classification-tree and trend analyses of historical water quality data to identify drivers of toxic Golden Alga blooms in reservoirs of the Brazos and Colorado River basins. Annual Conference of the Texas Chapter of American Fisheries Society. Galveston, TX.

Dawson, D., A. Reza, R. Patiño, W. Asquith, K. Hayhoe, C. Taylor, M. Bailey, T. Burley, R. Gelca, K. Grabowski, and M. VanLandeghem. 2011. Integrated analysis of the impacts of climate and land cover change on water quality characteristics associated with golden algal blooms in selected Texas reservoirs. Annual Conference of the American Water Resources Association. Albuquerque, NM.

Dawson, D., and M. Hostetler. 2006. Avian habitat use of edges and interiors of small urban forest patches. Annual Conference of The National Chapter of The Wildlife Society. Anchorage, AK.

Grants, Fellowships, Scholarships & Awards

2019 Triangle Center for Evolutionary Medicine Seed Grant: Phylodynamics for environmentally-transmitted pathogens. Cristina Lanzas, David Rasmussen, **Daniel Dawson**, and Xinxia Peng (\$11500)

2018 Comparative Medical Institute Young Scholar Award for Summer Interdisciplinary

Research Initiative: “From contact to colonization: characterizing how genomic variability allows microbial enteric pathogens to colonize within-host and environmental niches” (\$5000 for summer student): **Daniel Dawson**, Xinxia Peng, Cristina Lanzas

2016 Outstanding Doctoral Student Award, The Institute of Environmental and Human Health, Texas Tech University (\$500).

2013 EPA STAR Fellowship: “Management of mosquito-borne disease risk through spatially explicit simulation modeling” (\$25,000 Annual Stipend, Tuition re-imbursement, \$5000 annual expense account).

2014 Texas Tech Graduate School Doctoral Completion Fellowship (Offered, but declined due to acceptance of EPA STAR Fellowship)

2013-14: ARCS Foundation Fellowship (\$5000)

2012-15: The CH Foundation Fellowship (\$4000)

2005 Florida Chapter of The African Safari Club Graduate Student Scholarship (\$2500)

2005 UF/IFAS Jennings Scholarship (\$1500)

2004 Florida Chapter of the Wildlife Society Undergraduate Student Scholarship (\$1000)

2003– 2004 Undergraduate Student of the Year, Department of Wildlife Ecology and Conservation, University of Florida

Media Articles

Crabbe, Nathan. “Graduate student surveys UF's little wild kingdoms.” The Gainesville Sun. 8/9/2006. Print. <http://www.gainesville.com/news/20060809/graduate-student-surveys-ufs-little-wild-kingdoms>.

Gardner, Emily. “Student Spotlight: Doctoral Candidate Receives Prestigious Research Fellowship”. 11/18/2014. Texas Tech Today. Online. <http://today.ttu.edu/2014/11/student-spotlight-doctoral-candidate-receives-prestigious-research-fellowship/>