**CREATIVE ACTIVITIES**

**February 2015**

**PUBLICATIONS:**

1. Daniel, D.W., Smith, L.M., Belden, J.B., McMurry, S.T. 2015. Effects of land-use change and fungicide formulations on non-target soil fungi in playa wetlands of the U.S. High Plains. Science of the Total Environment 10.1016/j.scitotenv.2015.01.066.

2. Gustafson, K.D., and M.G. Bolek. 2015. Tradeoff between establishing an infection and killing the host: Response of snails (*Physa acuta*) to a gradient of trematode (*Halipegus eccentricus*) exposures. *Journal of Parasitology* 101:104-107.

3. Kleinteich, A., S.M. Wilder and J.M. Schneider. 2015. Contributions of juvenile and adult diet to the lifetime reproductive success and lifespan of a spider.Oikos 124: 130-138.

4. Merrill, L., Grindstaff, J.L. (2015) Pre and post-natal antigen exposure can program the stress axis of adult zebra finches: Evidence for environment matching. *Brain, Behavior, and Immunity* 45: 71-79.

5. Moore, D. B., D. B. Ligon, B. M. Fillmore, and S. F. Fox. 2014. Space use and habitat selection in a reintroduced population of alligator snapping turtles (*Macrochelys temminckii*). Southwestern Naturalist 59:30-37.

**PROFESSIONAL MEETING PRESENTATIONS:**

1. Ambardar, M., A.C. Sabol, E.E. Reynolds, and J.L. Grindstaff. 18 February 2015. Effects of brood size manipulation on parental care and nestling corticosterone levels in eastern bluebirds (Sialia sialis). OSU Research Symposium, Stillwater, OK.

2. Andreoli, S.L., Baum, K.A. February 5, 2015. Habitat Issues Facing the Monarch Butterfly in the Southern Great Plains. Oklahoma Natural Resources Conference. Hyatt Regency, Tulsa, OK.

3. Andreoli, S.L., Baum, K.A. February 24, 2015. Does Parasitism of Monarch Butterflies (*Danaus plexippus*) Differ with Land Use? 63rd Annual Meeting of the Southwestern Branch of the Enomological Society of America. Hard Rock Hotel & Casino, Tulsa, OK.

4. Beaty, L.E. 18 February 2015. The influence of predation risk on the hatching plasticity of a freshwater snail. Oklahoma State University Research Week. Oklahoma State University, Stillwater, Oklahoma.

5. Cusaac JPW**,** Mimbs IV WH, Belden JB, Smith LM, McMurry ST. Terrestrial Exposure and Effects of Headline AMP® Fungicide on Amphibians. Platform Presentation, OSU Interdisciplinary Toxicology Symposium, Stillwater, OK; 19 February 2015.

6. Daniel, D.W., Smith, L.M., McMurry, S.T. Land use effects on sedimentation and water storage volume in playas of the Rainwater Basin of Nebraska.Rainwater Basin 20th Annual Science Symposium. Grand Island NE. February 10th, 2015.

7. Deal, K. A. 25 February 2015. Got Milkweed? Parasitism Rates in Different Habitat Types. Qualifying Round of the College of Arts and Sciences 3MT Competition. Oklahoma State University, Stillwater, Oklahoma.

8. Feng, X. and Papeş M. 19 February 2015. Ecological niche model reveals nine-banded armadillo’s (*Dasypus novemcinctus*) potential northeast range extension. Poster. 26th Annual Research Symposium, Oklahoma State University, Stillwater, OK.

9. Mausbach, W.E. 2015. Influence of invader-driven heterogeneity on metacommunity dynamics. *Integrative Biology Lunchtime Seminar Series*. Oklahoma State University, Stillwater, Oklahoma.

10. McCoshum, SM and Baum KA (2015) Effects of pasturelands on early-spring native bee communities and reproductive success around canola croplands. Natural Resources Conference. Tulsa, OK.

11. Morrison, S.A. and Belden, J.B. Feb. 19, 2015. Development of *Helisoma trivolvis* pond snails as biomonitoring tools. Oklahoma State University 26th Annual Research Week, Interdisciplinary Toxicology Symposium, Stillwater OK.

12. Naylor, M. F. & J. L. Grindstaff. Feb 18, 2015. Birds on Birth Control: An Examination of How an Exogenous Estrogen Affects Courtship, Reproduction and Parental Care in Zebra Finches (*Taeniopygia guttata*). Oklahoma State University Research Week Symposium 2015. Stillwater, OK.

13. Pandit, M.M. 18 February 2015. Investigating the evolution of social and vocal complexity in birds: a phylogenetic approach. Research Week. Oklahoma State University, Stillwater, OK.

14. Pandit, M.M. 24 February 2015. Singing in the Plains. College of Arts and Sciences 3 Minute Thesis Competition, Qualifying Rounds. Oklahoma State University, Stillwater, OK.

15. Park, C.N. 2-10-2015. Influence of Wetland Restoration and Adjacent Watershed on Native Pollinator Communities in the Rainwater Basin. Rainwater Basin 20th Annual Science Symposium. Grand Island, NE.

16. Perryman, D. C. Digestive Tract Efficacy *Meleagris gallopavo* (Wild Turkey) in Cañada de los Osos Ecological Reserve. GPSGA Research Week. Oklahoma State University, Stillwater, Oklahoma.

17. Schreier, KC and Grindstaff, JL. February 18, 2015. Balancing Behavior and Immune Responses to Avoid Infection. Poster Presentation. OSU Research Week, Stillwater, OK.

18. Smith, L.M. Ecosystem Services and Playas of the Great Plains. Rainwater Basin 20th Annual Science Symposium. Plenary Speaker. Grand Island, NE.

**GRANTS RECEIVED:**

1. Van Den Bussche, R. A., and M. J. Hamilton. Conservation Genomics of Bald and Golden Eagles. $50,000 (TDC) from the Iowa Tribe of Oklahoma.
2. Bruck, J. N. and Janik, V. M. Feb 13th 2014. Cetacean Use of Representation Acoustic Signals. European Union Horizon 2020 MSCA-IF-2014. $214,000. Aug 2015-Aug 2017.

**AWARDS RECEIVED:**

1. Feng, X. and Papeş M. Second Place, Poster Award, 26th Annual Research Symposium, Oklahoma State University, Stillwater, OK.

2. Naylor, M. F. Oklahoma State University Graduate and Professional Student Government Association Travel Reimbursement Award. $500.

1. Naylor, M.F. Zoology Graduate Student Society. Oklahoma State University Graduate and Professional Student Government Association Co-Sponsorship Award for Project WILD Graduate Student Workshop. $541.