**CREATIVE ACTIVITIES**

**March 2015**

**PUBLICATIONS:**

1. Echelle, A. A., M. S. Schwemm, N. J. Lang, J. S. Baker, R. M. Wood, T. J. Near, and W. L. Fisher. (2015) Molecular systematics of the Least Darter (Percidae: *Etheostoma microperca*): Historical biogeography and conservation implications. *Copeia* 2015:87-98.

2. Echelle, A. A., and A. F. Echelle. (2015). Book review: Relicts of a Beautiful Sea: Survival, Extinction, and Conservation in a Desert World. By C. J. Norment. *Copeia* 2015:224-225.

3. Gustafson, KD, RA Newman, EE Pulis, and KC Cabarle (2015) A skeletochronological assessment of age-parasitism relationships in Wood Frogs (*Lithobates sylvaticus*). *Journal of Herpetology* 49:122-130

4. Palacios Gonzáles, M., E. Bonaccorso, and M. Papeş. 2015. Applications of geographic information systems and remote sensing techniques to conservation of amphibians in northwestern Ecuador. Global Ecology and Conservation 3:562-574.

5. Wiles, M. C., and M. G. Bolek. 2015. Damselflies (Zygoptera) as paratenic hosts for *Serpinema trispinosum* and its report from turtle hosts from Oklahoma, USA. Folia Parasitologica 62: 019. doi: 10.14411/fp.2015.019

**PROFESSIONAL MEETING PRESENTATIONS:**

1. Baum, K.A. E.K. Mueller, S.L. Andreoli, and S.M. McCoshum. Feb. 2015. Conservation considerations for the monarch butterfly (*Danaus plexippus*) in the southern Great Plains. 63rd Annual Meeting of the Southwestern Branch of the Entomological Society of America, Tulsa, OK.
2. Bolek, M. G. March 16, 2015. Invited seminar Biology Sciences Department, University of Tulsa, Tulsa Oklahoma.
3. Feng, X. Papeş M. Can incomplete distribution information provide a good ecological niche model for invasive species? Oklahoma Invasive Species Conference 2015, Oklahoma City, OK. Poster.
4. Forshee II, J.L., and French, D.P. (March 12, 2015). Preparing to Teach Chemical Transformation Pathways – Identifying the Chemistry, Biology Students have to know to Understand Cellular Respiration. Society of College Science Teachers/National Science Teachers Association (SCST/NSTA). Chicago, Illinois.
5. Forshee II, J.L., and French, D.P. (March 13, 2015). Creating a Research Journal to Promote an Authentic Research Experience in an Honors General Biology Lab (Poster). Society of College Science Teachers/National Science Teachers Association (SCST/NSTA). Chicago, Illinois.
6. Moore, M. E. and D. P. French. 3/12/2015. Flipping Out Over What We’ve Learned: Insights into the Implementation of a Flipped Classroom. National Science Teachers’ Association annual development conference. McCormick Place, Chicago, IL.
7. Sabol, A., Ambardar, M., Grindstaff, J.L. March 2015. Brood size manipulation affects plumage coloration but not growth rate of nestling Eastern Bluebirds, *Sialia sialis*. NMS Undergraduate Research Forum. Ohio State University, Columbus, OH.
8. Shaw JH and Shreck G.  Implementing Clinical Scenarios in an Undergraduate Physiology Course to Enhance Critical Thinking Across Multiple Body Systems (poster presentation). Experimental Biology Annual Meeting, Boston, MA. March 29, 2015.
9. Shaw JH, Henpita CR, Tobler M. H2S-Tolerant Fish Differentially Express Genes and Modify Mitochondrial Function to Maintain H2S Homeostasis (poster presentation). Experimental Biology Annual Meeting, Boston, MA. March, 29, 2015.
10. Stewart, J.F. March 14, 2015. Life Sciences Freshman Research Scholars at Oklahoma State University: The First Year. (Poster) National Science Teachers Association. McCormick Place West, Chicago, Illinois.

**GRANTS RECEIVED:**

1. Baum, K.A., J.L. Grindstaff, K.F. Kavalier, R.J. Lofton, and K.A. Wilson. Feb. 2015 – Jan. 2020. Broadening opportunities for biologists by bridging the gap for transfer students. NSF S-STEM (Scholarships in Science, Technology, Engineering, and Mathematics): $619,983.
2. Beaty, L.E.  Long-term behavioral consequences of early life experience in frogs. Animal Behavior Society Student Research Grant $1,600
3. Beaty, L.E. How does tadpole environment influence adult Blanchard cricket frogs? Prairie Biotic Research, Inc. Small Grant $700
4. Santoyo-Brito, E. S. Fox, and H. Núñez. *Liolaemus* lizard species as storytellers on the effects of climate change in temperate South America. National Geographic Society, $12,206
5. Santoyo-Brito, E. The Explorers Club. “*Liolaemus* species as storytellers on the effects of climate change in temperate South America.” Exploration Fund Grant, $1000

**AWARDS RECEIVED:**

1. Beaty, L.E. Outstanding Student Organization Leader. Oklahoma State University - President's Leadership Award.
2. Perryman, D.C., Grindstaff, J. L. Effects of Supplemental Feeding on Eastern Bluebirds, *Sialia sialis*. Women’s Faculty Council Research Award. $500. One time award.