

## Undergraduate Student Publications

### Publications (Journal Articles, Conference Papers, and Book Chapters)

Names of undergraduate students are printed in **bold**.

#### 2016

**Tran, Mai, J. W. Park**, 2016. Bacterial Community Shift in Marine Tar Balls following Low Salinity Exposure, *Lett Appl Microbiol*. Under review.

Tran, Mai, K. Yu, **J. W. Park**. 2016. Unique Bacterial Community in Tar-Filled Shells and Tar Balls on the Alabama Gulf Coast, *Environ Monit Assess*. Under review.

#### 2015

**Duke, J., K. Ichikawa**, J. Pittman, M. W. Morris, and S. Liu. 2015. Assessment of extracts prepared from native St. John's wort species (*Hypericum* spp.) on anxiety/depression-related behaviors and neural pathways in zebrafish (*Danio rerio*). *Southeastern Biology* 62:485.

Pittman, J., **A. Hylton**. 2015. Behavioral, endocrine, and neuronal alterations in zebrafish (*Danio rerio*) following sub-chronic coadministration of fluoxetine and ketamine. *Pharmacol Biochem Behav*. 139: 158-162.

#### 2014

Landers, S.C., A.C. Nichols, N. K. **Barron**, C. A. Schimmer, R. Tao, K. Yu, P. M. Stewart and E. Ólaffson. 2014. Nematode and copepod diversity (2012) from Louisiana near the Deepwater Horizon spill site. *Proceedings of the Biological Society of Washington* 127(1): 47-57. <http://www.pbsw.org/loi/pbsw>

Martinez, C. C., J. M. Miller, **N. K. Barron, R. Tao**, K. Yu, P. M. Stewart, A. C. Nichols, D. A. Steffy and S. C. Landers. 2014. Sediment chemistry and meiofauna from the northern Gulf of Mexico continental shelf. *International Journal of Oceanography*. <http://dx.doi.org/10.1155/2014/625718>

Pittman, J. T., and **C. S. Lott**. 2014. Startle response memory and hippocampal changes in adult zebrafish pharmacologically-induced to exhibit anxiety/depression-like behaviors. *Physiol Behav*. 123:174-179

Pittman, J., **K. Henry, C. Kelly**, and M. Morris. 2014. Attenuation of anxiety/depression-like behaviors and neuroanatomical changes following quercetin and rutin exposure in zebrafish (*Danio rerio*). *Journal of Psychiatry and Behavioral Science* 1(1):1-8.

Pittman, J., **K. Ichikawa, K. Henry, C. Kelly, R. Hadi, J. Duke,** and M. W. Morris. 2014. Mechanisms underlying changes in anxiety/depression-related behaviors and neural circuits in zebrafish (*Danio rerio*) following exposure to *Hypericum perforatum* extracts. *Journal of the Society of Biological Psychiatry* 75:IS-401S.

Pittman, J., **R. Hadi, K. Ichikawa.** 2014. Fluoxetine: Pharmacological Analysis of Depression-like Responses in Zebrafish In: Fluoxetine: Pharmacology, Mechanisms of Action and Potential Side Effects. Nova Publishers. Chapter 14. (ISBN: 978-1-63482-077-6).

**Shi, R. J., and K. W. Yu.** 2014. Impact of exposure of crude oil and dispersant (COREXIT® EC 9500A) on denitrification and organic matter mineralization in a Louisiana salt marsh sediment, *Chemosphere* 108: 300–305.

## 2013

Dykes, B., **E. Minton, D. Morrison, G. Newman, L. Ryan,** and M. W. Morris. 2013. A floristic survey of communities in the Big Creek Watershed, Barbour County, Alabama. *Journal of Alabama Academy of Science* 84:74.

Landers, S.C., **M. E. Perry, M.E.,** and R. N. Jones. 2013. Colonization of artificial substrates at Dauphin Island, Alabama: a comparison of *Balanus* sp. (Cirripedia), *Membranipora tenuis* (Bryozoa), and *Conopeum tenuissimum* (Bryozoa) settlement in 1999-2000 and 2010-2012. *Gulf of Mexico Science* 31: 1-9.

Pittman, J., **K. Ichikawa.** 2013. iPhone® Applications as Versatile Video Tracking Tools to Analyze Anxiety/Depression-Related Behaviors in Zebrafish (*Danio rerio*). *Pharm, Biochem and Behavior*. 106, 137-142.

Woods, M., and **W. H. Hughes.** 2013. The genus *Dalea* (Fabaceae) in Alabama. *Phytoneuron*. 2013-30: 1-12.

## 2012

Dykes, B., **D. Morrison, L. Ryan,** and M. W. Morris. 2012. Preliminary results of a floristic survey of communities in the Big Creek Watershed, Barbour County, Alabama. *Journal of Alabama Academy of Science* 83:72-73.

**Leverett, L. D., and M. Woods.** 2012. The genus *Crotalaria* (Fabaceae) in Alabama. *Castanea*.77(4): 364-374.