

## Faculty Presentations at Meetings

### Platform and Poster Presentations at Meetings

Names of faculty members are printed in **bold**. The list includes only those presentations and posters while faculty members worked at Troy University.

#### 2017

Bennett, Callie, **J. W. Park**. 2017. Bacterial communities residing in cove and surface of tar balls on the Gulf Coast beaches, 78<sup>th</sup> annual meeting of the Association of Southeastern Biologists, Mar 29-Apr 1, 2017, Montgomery, AL.

Bokenfohr, Katrina, **J. W. Park**. 2017. Effect of crude oil on *Vibrio parahaemolyticus*, a Causative Bacterium of Seafood Poisoning, 78<sup>th</sup> annual meeting of the Association of Southeastern Biologists, Mar 29-Apr 1, 2017, Montgomery, AL.

Byrd, William, **Jacqueline Jones**, Angana Mukherjee. 2017. Foxi3 Ablation Retards Bone Derived Prostate Cancer Cell Growth, 78<sup>th</sup> annual meeting of the Association of Southeastern Biologists, Mar 29-Apr 1, 2017, Montgomery, AL.

#### 2016

Bassette, M. A., R. Verdiyev, A. R. Price, T. L. Walters, **S. C. Landers**, A. N. Walker, Geer, P. J., M. E. Frischer. 2016. Identification of the Causal Agent of Shrimp Black Gill in the Coastal Southeast USA. Association for the Sciences of Limnology and Oceanography. New Orleans, LA, USA. February 21-26, 2016.

Beaton, K. R., C. M. Jones, **J. M. Miller**, J. Sharma, **P. M. Stewart**, **S. C. Landers**. 2016. Marine nematode assemblages in the Gulf of Mexico continental shelf. In *Gulf of Mexico Oil Spill & Ecosystem Science Conference 2016*. Tampa, FL.

Beaton, K. R., C. M. Jones, **J. M. Miller**, J. Sharma, **P. M. Stewart**, **S. C. Landers**. 2016. Marine Nematode assemblages in the Gulf of Mexico continental shelf. Presented at the 2016 Gulf of Mexico Oil Spill and Ecosystem Science Conference, Tampa, FL, Feb. 1-4.

Beaton, K. R., C. M. Jones, **J. M. Miller**, J. Sharma, **P. M. Stewart**, **S. C. Landers**. 2016. Nematode assemblages in the Gulf of Mexico continental shelf collected during a two year survey. Presented at the 16th International Meiofauna Conference, Heraklion, Crete, July 3-8.

Bhattacharya, Priya, **J.W. Park**, 2016. Effects of COREXIT<sup>®</sup> 9500 on Benthic Bacterial Communities in the Gulf of Mexico, Dauphin Island, and Lake Pontchartrain, Troy University Student Research Conference, Apr 7-8, 2016, Troy, AL.

- Boyd, C. A., and S. Jones.** 2016. Mobile Bay Living Shorelines Suitability Model. Restore Americas Estuary Conference, New Orleans, Louisiana. December 10 – 15, 2017.
- Boyd, C. A., and S. Jones.** 2016. Living Shorelines Site Suitability Model: Project Completion Summary and Lessons Learned. Gulf of Mexico Alliance 2016 All Hands Meeting, Baton Rouge, Louisiana. June 14 – 17, 2016.
- Brown, Elena, **J.W. Park.** 2016. Bacterial Response to the Elk River Chemical Spill in West Virginia, Troy University Student Research Conference, Apr 7-8, 2016, Troy, AL.
- Brown, Elena, **J. W. Park.** 2016. Impact of the Elk River chemical spill on Bacterial community, 77<sup>th</sup> annual meeting of the Association of Southeastern Biologists, Mar 31-Apr 2, 2016, Concord, NC.
- Cooper, Madison, Katrina Bokenfohr, Callie Bennett, **J. W. Park.** 2016. Analysis of bacterial community along a depth gradient in marine tar balls, 77<sup>th</sup> annual meeting of the Association of Southeastern Biologists, Mar 31- Apr 2, 2016, Concord, NC.
- Cooper, Madison, Katrina Bokenfohr, Callie Bennett, **J.W. Park.** 2016. Microbial Habitation of Tar Balls Located in Fresh Water Environments, Troy University Student Research Conference, Apr 7-8, 2016, Troy, AL.
- Jones S., and **C. A. Boyd.** 2016. Mobile Bay Living Shoreline Suitability Model. Gulf of Mexico Alliance 2016 All Hands Meeting, Tools Cafe, Baton Rouge, Louisiana. Gulf of Mexico Alliance 2016 All Hands Meeting, Baton Rouge, Louisiana.
- Miller, C.** 2016. Mercury concentrations and speciation in soils at a contaminated industrial site. Alabama Academy of Sciences, Florence, AL March 2016.
- Miller, C., J. McCurdy, A. Johs, B. K. Robertson.** 2016. The effect of solid phase sorbent materials on the leachability of mercury from contaminated soils. Society of Environmental Toxicology and Chemistry, Orlando, FL, November 2016.
- Miller, J. M., P. M. Stewart.** 2016. Recent mussel and crayfish findings from research in the Environmental Science Laboratory (Aquatic Research Laboratory) at Troy University. To be presented at the 2016 Alabama Water Resources Conference, September 8-9, 2016, Orange Beach, AL
- Miller, J. M., P. M. Stewart.** 2016. Updated sampling of federally listed mussels in the upper Pea River. Presented at the 30<sup>th</sup> Annual Meeting of the Alabama Water Resource Conference, Sept. 7-9. Perdido Beach, AL.
- Mukherjee, A., and J. Jones.** 2016. Foxi3 Ablation Retards Bone Derived Prostate Cancer Cell Growth. American Society of Investigative Pathology-PISA. Houston, TX.

**Mukherjee, A.**, and J. Jones. 2016. Foxi3: A Sly Regulator of Bone Development, Promotes Prostate Cancer. Experimental Biology-American Society of Investigative Pathology, San Diego, CA.

**Mukherjee, A.**, and J. Jones. 2016. Foxi3: A Sly Regulator of Bone Development, Promotes Prostate Cancer. Troy University Research Symposium. Troy, AL.

**Mukherjee, A.**, and J. Jones. 2016. Foxi3: A Sly Regulator of Bone Development, Promotes Prostate Cancer. UAB Health Disparities Research Symposium. Birmingham, AL.

Sørensen, M. V., **S. C. Landers**. 2016. Kinorhyncha from the Gulf of Mexico, with a report of two new species. Presented at the 16th International Meiofauna Conference, Heraklion, Crete, July 3-8.

Pace, N. L., S. Showalter Otts, T. Bowling, and **C. A. Boyd**. 2016. A Guide to Shellfish Restoration and Planning Programs. Challenges of Natural Resource Economics and Policy, New Orleans, Louisiana. March 20 -22, 2016.

**Park, J. W.** 2016. Bacterial Response to the Elk River Chemical Spill in West Virginia, Troy University Student Research Conference, Apr 7-8, 2016, Troy, AL.

## 2015

Al Jawasim, M., **K. Yu, J. W. Park**. 2015. Effects of Crude Oil and Dispersant on Bacterial Community in Louisiana Salt Marsh Sediments, 115<sup>th</sup> annual meeting of the American Society for Microbiology (ASM), May 30 – Jun 2, 2015, New Orleans, LA

Al Jawasim, M., M. Tran, **S. C. Landers** and **J. W. Park**. 2015. Geographical and geological distribution of benthic bacteria communities in the Gulf of Mexico after the Deepwater Horizon oil spill. Presented at the Gulf of Mexico Oil Spill and Ecosystem Science Conference, Houston, TX, Feb 16-19th.

Brown, Elena, Mai Tran, **J. W. Park**, 2015. Bacterial Response to the Elk River Chemical Spill in West Virginia, 76<sup>th</sup> annual meeting of the Association of Southeastern Biologists, Apr 1-4, 2015, Chattanooga, TN.

Debbie D., Pace, N. L., M. Gruber, L. A. Wilde, M. Chasse, **C. A. Boyd**, J. DeQuattro, and R. Harter. 2015. Living Shorelines Regional Workshops – Gulf of Mexico Barriers and Opportunities. Living Shorelines: Sound Science, Innovative Approaches, Connected Community, Hartford, Connecticut. December 1 – 2, 2015.

**Diamond, A. R.** 2015. Least Snout Bean (*Rhynchosia minima* (L.) A.P. de Candolle; Fabaceae) rediscovered in Alabama. Alabama Academy of Science.

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(3):485.

- Gibson, K. J., **J. M. Miller**, P. D. Johnson, **P. M. Stewart**. 2015. Acute toxicity on three freshwater mussel species (Bivalvia: Unionidae) and two freshwater snail species (Gastropoda: Caenogastropoda). Alabama Department of Conservation and Natural Resources 16<sup>th</sup> Annual Mollusk and Crayfish Meeting, Spanish Fort, AL. 21-22 January 2015.
- Landers, S. C., K. Yu**, and M. V. Sørensen. 2015. Analysis of continental shelf meiofauna in the Northern Gulf of Mexico: Effects of the Deepwater Horizon oil spill investigated during a long term community study (2007-2009) (update). Presented at the Gulf of Mexico Oil Spill and Ecosystem Science Conference, Houston, TX, Feb 16-19th.
- Martinez, C. C., K. R. Beaton, **J. M. Miller**, J. Sharma, **P. M. Stewart**, **S. C. Landers**. 2015. Ecological relationships and patterns in biodiversity of benthic marine nematode assemblages in the Gulf of Mexico. Presented at Aquatic Biodiversity and Ecosystems Conference, August 30-September 4, Liverpool, UK.
- Martinez, C., J. Sharma, **J. M. Miller**, **P. M. Stewart**, **Landers, S.C.** 2015. Multivariate analysis of Nematode Communities in northern Gulf of Mexico continental shelf sediments following the Deepwater Horizon oil spill. Presented at the 76th Association of Southeastern Biologists meeting, Chattanooga TN April 1-4, 2015. Conference abstract PDF page 69.
- Martinez, C., J. Sharma, **J. M. Miller**, **P. M. Stewart**, **S .C. Landers**. 2015. Nematode community structure in northern Gulf of Mexico continental in relation to environmental variables. Presented at the 2015 Gulf of Mexico Graduate Student Symposium, Mar 15-16th, Dauphin Island Sea Lab, Alabama.
- Martinez, C., J. Sharma, **J. M. Miller**, **P. M. Stewart**, **S .C. Landers**. 2015. Nematode community structure in northern Gulf of Mexico shelf sediments following the Deepwater Horizon oil spill. In *Gulf of Mexico Oil Spill & Ecosystem Science Conference 2015*. Houston, TX.
- Miller, J. M.**, B. B. Niraula, **P. M. Stewart**. 2015. Microhabitat preferences of federally threatened freshwater mussel species in a Gulf Coast drainage. Presented at the 29<sup>th</sup> Annual Meeting of the Alabama Water Resource Conference, Sept. 10-11. Perdido Beach, AL.
- Miller, J. M.**, B. B. Niraula, J. M. Hyde, P. D. Johnson, **P. M. Stewart**. 2015. Microhabitat preferences of federally threatened freshwater mussel species in coastal plain streams. 2015 Alabama Water Resources Conference, September 10-11, 2015, Orange Beach, AL.

- Miller, J. M., P. M. Stewart.** 2015. Recent mussel and crayfish findings from research in the Environmental Science Laboratory (Aquatic Research Laboratory) at Troy University. Presented at the Alabama Department of Conservation and Natural Resources 16<sup>th</sup> Annual Mollusk and Crayfish meeting, January 21-22, Spanish Fort, AL.
- Sørensen, M. V., **S. C. Landers.** 2015. Kinorhynchs from the Gulf of Mexico. Presented at the 4th International Scalidophora Workshop, Ferrol, Spain. Sept. 13<sup>th</sup>-18<sup>th</sup>.
- Stewart, P. M.,** K. J. Gibson, **J. M. Miller,** P. D. Johnson. 2015. Acute toxicity of endemic mollusk species of the Mobile River Basin. Presented at the 29<sup>th</sup> Annual Meeting of the Alabama Water Resource Conference, Sept. 10-11. Perdido Beach, AL.
- Stewart, P.M.,** K. J. Gibson, **J. M. Miller,** P. D. Johnson. 2015. Acute toxicity of Mobile Basin endemic freshwater mussels. 2015 Alabama Water Resources Conference, September 10-11, 2015, Orange Beach, AL.
- Tran, Mai , **J.W. Park.** 2015. Effect of Freshwater Exposure on Tarballs Bacterial Community, 76<sup>th</sup> annual meeting of the Association of Southeastern Biologists, Apr 1-4, 2015, Chattanooga, TN. [oral presentation]
- Tran, Mai, Garrett Lloyd, **K. Yu, J. W. Park.** 2015. Risk Assessment of Microbial Pathogens in Tar-filled Shells on Alabama beach, 115<sup>th</sup> American Society for Microbiology (ASM) International meeting, May 30 – June 2, 2015, New Orleans, LA.
- Woods, M.** 2015. A revision of the Old World Species of *Apios* (Fabaceae). Association of Southeastern Biology 62(3): 395.

## 2014

- Boyd, C. A., and S. Dutta.** 2014. Living Shoreline Project Monitoring in Mississippi and Alabama. Restore America's Estuaries 7th National Summit on Coastal and Estuarine Restoration. National Harbor, Maryland. November 1 – 6, 2014.
- Burchill, J. L., and **A. Diamond.** 2014. A Herpetofaunal Survey of Pike County, Alabama, USA. Herpetological Review 45 (1), 98–99.
- Dykes, B., **A. R. Diamond** and **M. Woods.** 2014. The vascular flora of Bullock County, Alabama. Southeastern Biology 61(3): 379.
- Gibson, K. J., **J. M. Miller,** B. B. Niraula, J. M. Hyde, T. Fobein, P. D. Johnson and **P. M. Stewart.** 2014. Acute toxicity testing on *Villosa nebulosa* (Bivalvia: Unionidae) using five toxicants (SDS, Cl, K, Ni, Zn). Presented at the 7<sup>th</sup> Annual Mattie Kelley Environmental Symposium, October 10, Niceville, FL.
- Gibson, K. J., **J. M. Miller,** B. B. Niraula, J. M. Hyde, T. Fobien, P. D. Johnson, **P. M. Stewart.** 2014. Acute toxicity testing on *Villosa nebulosa* (Bivalvia: Unionidae) using

five toxicants (SDS, Cl, K, Ni, and Zn). The Mattie Kelly Environmental Symposium, Northwest Florida State College, Niceville, FL.

- Landers, S. C., K. Yu,** and M. V. Sørensen. 2014. Analysis of continental shelf meiofauna in the Northern Gulf of Mexico: Effects of the Deepwater Horizon oil spill investigated during a long term community study (2007-2009) (update). Presented at the Gulf of Mexico Oil Spill and Ecosystem Science Conference, Mobile AL. Jan 26-29.
- Martinez, C., **J. M. Miller,** N. Barron, **S. C. Landers, K. Yu, P. M. Stewart,** A. Nichols, D. A. Steffy. 2014. Analysis of meiofauna and sediment from the Northern Gulf of Mexico continental shelf following the Deepwater Horizon oil spill. Presented at the Gulf of Mexico Oil Spill and Ecosystem Science Conference, Mobile AL. Jan 26-29.
- Martinez, C. C., **J. M. Miller,** N. K. Barron, R. Tao, K. Yu, **P. M. Stewart,** A. C. Nichols, D. A. Steffy, **S. C. Landers.** 2014. Sediment chemistry and meiofauna from the northern Gulf of Mexico continental shelf. Presented at Troy University, October 4, Troy, AL.
- Milligan, M., **S. Harden** and S. Merriman. 2014. “Invigorating the interdisciplinary pedagogical process: A biopsychosociohistorical example.” Paper presented at the 9th International Conference on Interdisciplinary Social Sciences, Vancouver, Canada. (June, 2014)
- Pace N., and **C. A. Boyd.** 2014. Implementation of the Alabama and Mississippi Living Shorelines General Permit. Restore America’s Estuaries 7th National Summit on Coastal and Estuarine Restoration. National Harbor, Maryland. November 1 – 6, 2014.
- Pittman, J.,** K. Ichikawa, K. Henry, C. Kelly, R. Hadi, J. Duke, **M. Morris.** 2014. Mechanisms underlying changes in anxiety/depression-related behaviors and neural circuits in zebrafish (*Danio rerio*) following exposure to hypericum perforatum extracts. Biological Psychiatry. 75: 1S-401S.
- Riscassi, A., **C. Miller,** S. Brooks. 2014. Diel mercury-concentration variations in a mercury impacted stream. Geological Society of America, Vancouver, Canada, October 2014.
- Sørensen, M. V., and **S. C. Landers.** 2014. Extensive sampling of kinorhynchs in the Gulf of Mexico reveals new morphological information. Presented at the 3rd International Congress on Invertebrate Morphology, Berlin, August 3-7.
- Stewart, P. M.,** 2014. Keynote Address: The Sixth Great Extinction Event and Biodiversity Research in Southeast Alabama. The Mattie Kelly Environmental Symposium, Northwest Florida State College, Niceville, FL.
- Stewart, P. M.,** 2014. Water Issues. Invited Presentation to Rotary International, Troy, AL.
- Tran, M., and** J. W. Park, 2014. Risk Assessment of Microbial Pathogens in Tar-filled Shells along the Gulf of Mexico and Freshwater Tarballs, 75<sup>th</sup> annual meeting of the

Association of Southeastern Biologists, Apr 2-5, 2014, Spartanburg, SC. [oral presentation]

## 2013

- Diamond, A. R.** 2013. Noteworthy collections from Alabama. Alabama Academy of Science.
- Dykes, B., and **A. Diamond.** 2013. A survey of the vascular flora of Bullock County, Alabama. Alabama Academy of Science.
- 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, 90<sup>th</sup> Annual Meeting, Alabama Academy of Science, hosted by Samford University, Birmingham, AL, March 20-22.
- 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.
- Hyde, J. M., B. B. Niraula, **J. M. Miller** and **P. M. Stewart.** 2013. Detectability and population size estimation of two threatened mussel species in the Choctawhatchee River watershed. Presented at the 74th Annual Meeting of the Association of Southeastern Biologists (ASB), April 10-12. Charleston, WV.
- Hyde, J. M., B. B. Niraula, **J. M. Miller** and **P. M. Stewart.** 2013. Estimates of detectability, population size, and survival of threatened mussel species in the Choctawhatchee River watershed. Presented at the Gregory P. Domin Graduate Research Conference, Columbus State University, October 24, Columbus, GA.
- Landers, S. C.,** A. Nichols, N. K. Barron and **P. M. Stewart.** 2013. New meiofauna data (2012) from Louisiana near the Deepwater Horizon site. Presented at the 15<sup>th</sup> International Meiofauna Conference, Ansan, Korea, July 22-26.
- Landers, S. C.,** A. Nichols, N. K. Barron, C. A. Schimmer, M. D. Schneider, J. C. McDonald, **P. M. Stewart** and S. Ramroop. 2013. Meiofauna and heavy metals from Gulf of Mexico sampling in 2012. *SE Biology* 60:181.
- Landers, S. C.,** A. Nichols, N. K. Barron, C. A. Schimmer, M. D. Schneider, J. C. McDonald, **P. M. Stewart** and S. Ramroop. 2013. Meiofauna and heavy metals analysis from Gulf of Mexico sampling in 2012. Presented at the 74th Annual Meeting of the Association of Southeastern Biologists (ASB), April 10-13. Charleston, WV.
- Landers, S. C.,** F. A. Romano III, C. A. Schimmer, A. Nichols, D. A. Steffy, **P. M. Stewart,** S. Ramroop. 2013. Analysis of continental shelf meiofauna in the northern Gulf of Mexico following the Deepwater Horizon oil spill. Presented at the 2<sup>nd</sup> Gulf of Mexico Oil Spill

and Ecosystem Science Conference, New Orleans, LA. January 21-23. Conference abstracts pdf p. 75.

- Landers, S. C., K. Yu** and M. V. Sørensen. 2013. Analysis of continental shelf meiofauna in the Northern Gulf of Mexico: Effects of the Deepwater Horizon oil spill investigated during a long term community study (2007-2009). Presented at the Gulf of Mexico Oil Spill and Ecosystem Science Conference, New Orleans. Jan 21-23. Also presented at the 74th Association of Southeastern Biologists meeting, Charleston WV April 10-13 2013. *SE Biology* 60: 277.
- Miller, J. M., B. B. Niraula** and **P. M. Stewart**. 2013. Life history, morphometric, and morphological examinations of the primary burrowing crayfishes *Cambarus (Lacunicambarus) diogenes* and *Cambarus (Tubericambarus) polychromatus*. Presented at the Dr. Gregory P. Domin Graduate Research Conference, Columbus State University, October 24. Columbus, GA.
- Milligan, M., **S. Harden**, S. A. Merriman and S. Burt Shelton. 2013. HIV/AIDS: A multidisciplinary evolutionary perspective. Poster presented at the 25th annual convention of the Association for Psychological Science, Washington, DC. (May, 2013)
- Niraula, B. B., J. M. Hyde, **J. M. Miller** and **P. M. Stewart**. 2013. Analysis of simple physical microhabitat variables for three threatened freshwater mussels in the Choctawhatchee River watershed. Presented at the 74th Annual Meeting of the Association of Southeastern Biologists (ASB), April 10-13. Charleston, WV.
- Niraula, B. B., J. M. Hyde, **J. M. Miller** and **P. M. Stewart**. 2013. Use of simple physical microhabitat variables by three threatened freshwater mussel species in the Choctawhatchee River watershed. Presented at the Gregory P. Domin Graduate Research Conference, Columbus State University, October 24, Columbus, GA.
- Park, J. W.** 2013. Oil-degrading and pathogenic bacteria are present in Lake Pontchartrain, Materials Engineering Seminar, Sep 23, 2013, Auburn University, Auburn, AL. [invited oral presentation]
- Park, J. W., and A. Gupta.** 2013. Detection of waterborne pathogenic bacteria in Lake Pontchartrain, 99<sup>th</sup> Annual Meeting of the Southeastern Branch of the ASM, Nov 7-9, 2013, Auburn, AL.
- Park, J. W., and A. Gupta.** 2013. Detection of waterborne pathogenic bacteria in Lake Pontchartrain, 113<sup>th</sup> American Society for Microbiology International meeting, May 18-21, 2013, Denver, CO.
- Senn, G. W., and **M. Woods**. 2013. The genus *Dalea* (Fabaceae) in Alabama. *Southeastern Biology* 60(3): 215.



Sørensen, M. V., **S. C. Landers** and F. A. Romano III. 2013. Kinorhynchs from the Gulf of Mexico collected before and after the Deepwater Horizon oil spill. Presented at the 15<sup>th</sup> International Meiofauna Conference, Ansan, Korea, July 22-26.

## 2012

Boudinot, S., K. Parker, M. Jones, **C. Magrath**, and **T. Moore**. 2012. Filamentous growth mutations in *Saccharomyces cerevisiae* strains: genetic analysis. *Southeastern Biology* 59: 403-404.

Biebinger, B., and **C. Magrath**. 2012. The impacts of wastewater treatment and antimicrobial agents on *Saccharomyces cerevisiae*, a comparative analysis. *Southeastern Biology* 59: 374.

**Diamond, A.**, and **M. Woods**. 2012. *Rhododendron colemanii* (Ericaceae) in the southeastern United States. *Southeastern Biology* 59(3): 307.

Dey, I., and **C. Magrath**. 2012. Autonomous replicating sequences of *Saccharomyces cerevisiae*: methods to assess transcription termination activity. *Southeastern Biology* 59: 297.

Dykes, B., and **A. Diamond**. 2012. Rare vascular plants of Bullock County, Alabama. *Alabama Academy of Science* 82(2):73.

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, 89<sup>th</sup> Annual Meeting, Alabama Academy of Science, hosted by Tuskegee University, Tuskegee, AL, February 22-24.

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.

**Landers, S.C.**, M. V. Sørensen and F. A. Romano. III. 2012. Kinorhynch distribution and diversity in the Gulf of Mexico. IN: SØRENSEN, M.V. (editor) 2012. Workshop program and book of abstracts. Third International Scalidophoran Workshop. Natural History Museum of Denmark, University of Copenhagen, 39 pages.

**Landers, S. C.**, M. V. Sørensen, and F. A. Romano III. 2012. Kinorhynch distribution and diversity in the Gulf of Mexico. In Sørensen, M.V. (ED.), Workshop program and book of abstracts (39 pages). Third International Scalidophoran Workshop. Natural History Museum of Denmark, University of Copenhagen.

Niraula, B. B., **J. M. Miller**, E. G. Reátegui-Zirena, **P. M. Stewart**. 2012. Life history study and morphological comparison of primary burrowing crayfish *Cambarus (Lacunicambarus) diogenes* and *C. (Tubericambarus) sp. B* in Troy, Alabama.

Presented at the 89th Annual Meeting of the Alabama Academy of Science, Tuskegee, AL, February 22-24, 2012.

Niraula, B. B., **J. M. Miller**, E. G. Reátegui-Zirena, and **P. M. Stewart**. 2012. Life history study and morphological comparison of primary burrowing crayfish *Cambarus (Lacunicambarus) diogenes* and *C. (Tubericambarus)* sp. B in Troy, Alabama.

Presented at the 73<sup>rd</sup> Annual Meeting of the Association of Southeastern Biologists (ASB), Athens, GA, April 4-7, 2012.

**Park, J.W.** 2012. Biodegradation of toxic organic pollutants in the environment, Biology Department Seminar, Oct 15, 2012, Troy University, Troy, AL [invited oral presentation]

**Park, J. W.**, and A. Gupta. 2012. Changes in microbial populations affected by oil spill in Gulf of Mexico. Presented at the 9<sup>th</sup> International Association for Ecology (INTECOL) International Wetlands Conference, Orlando, FL, June 3-8, 2012.

Perry, M. E., **S. C. Landers**, and R. N. Jones. 2012. Larval settlement of two invertebrates at Dauphin Island Sea Lab, Alabama, following the Deepwater Horizon oil spill. *SE Biology* 59:234.

Reátegui-Zirena, E. G., **J. M. Miller**, and **P. M. Stewart**. 2012. Growth rates and age estimations of *Pleurobema strodeanum* and *Fusconaia burkei*, species proposed to be listed under the Endangered Species Act. Presented at the 73<sup>rd</sup> Annual Meeting of the Association of Southeastern Biologists (ASB), Athens, GA, April 4-7, 2012.

Reátegui-Zirena, E. G., **J. M. Miller**, and **P. M. Stewart**. 2012. Growth rates and age estimations of *Pleurobema strodeanum* and *Fusconaia burkei*, species proposed to be listed under the Endangered Species Act. Presented at the 89<sup>th</sup> Annual Meeting of the Alabama Academy of Science, Tuskegee, AL, February 22-24, 2012.