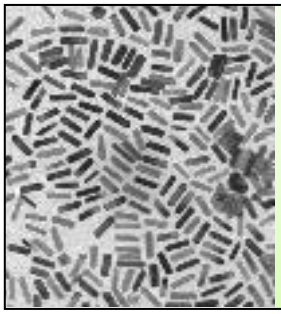

TARA SABO-ATTWOOD, PH.D.

University of Florida, Department of Environmental & Global Health,
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EDUCATION

- Doctor of Philosophy in Biomedical Sciences, concentration in Pharmacology and Therapeutics and Human and Environmental Toxicology, University of Florida, Gainesville, FL, 2003.

- Bachelor of Science in Medical Technology, specialty in Cytogenetics, University of Connecticut, Storrs, CT. 1996.

PROFESSIONAL EXPERIENCE

- Associate Dean, Faculty Development, Cultural Affairs and Wellness Programs, September 2020 - present

- Professor, July 2020 - present
  University of Florida, Department of Environmental and Global Heath, Gainesville, FL.

- Administrative Director, Global Pathogens Discovery Laboratory, University of Florida, Gainesville, FL.

- Director, Wellness Programs, College of Public Health and Health Professions, 2019 - present

- Research Associate, 2017 - present
  Smithsonian Conservation Biology Institute, Washington, DC

- Chair, September 2015 - present
  University of Florida, Department of Environmental and Global Heath

- Interim Chair, May 2014 – September 2015
  University of Florida, Department of Environmental and Global Heath

- Associate Chair, September 2012 – April 2014
  University of Florida, Department of Environmental and Global Heath

- Director of Doctoral Programs, September 2012 – December 2014

University of Florida, Department of Environmental and Global Heath

- Coordinator MPH Programs, January 2011 – November 2013
  University of Florida, Department of Environmental and Global Heath

- Associate Professor, January 2011 - present
  University of Florida, Department of Environmental and Global Heath &
  Center for Environmental and Human Toxicology, Gainesville, FL.

- Director of Nano-Environmental Focus Group, 2007- 2010
  University of South Carolina NanoCenter, Columbia, SC.

- Assistant Professor, 2006-2010
  University of South Carolina, Arnold School of Public Health, Department of Environmental Health Sciences, Columbia, SC.

- Instructor, 2005
  Cell and Molecular Biology, Johnson State College, Johnson, VT.

- Instructor, 2004
  Biology of Nutrition and Fitness, Champlain College, Burlington, VT.

- Post-Doctoral NIH Fellow, 2003-2005
  University of Vermont, Department of Environmental Pathology, Burlington, VT.

- NIEHS Superfund Graduate Research Fellow, 1998-2003
  University of Florida, Interdisciplinary Program in Biomedical Sciences, Department of Pharmacology and Therapeutics and Center for Environmental and Human Toxicology, Gainesville, FL.

- Cytogenetic Technologist, 1998-2001
  University of Florida Cytogenetics Laboratory, Department of Pediatric Genetics, Gainesville, FL.

- Coordinator of Genetic Research Programs, 1996-1998
  University of Florida Cytogenetics Laboratory, Department of Pediatric Genetics, Gainesville, FL

HONORS AND AWARDS

- University of Florida Research Professor Award, 2020

- University Term Professor Award, University of Florida, 2019-2022

- Re-Appointed to the EPA Chartered Science Advisory Board, 2019 -2021

- Elected President of the Southeast Society of Toxicology, 2017-2018
- Fellow of the Executive Leadership in Academic Medicine training program, 2017-2018
- Appointed to the EPA Chartered Science Advisory Board, 2015 -2018
- Elected Councilor, Society of Toxicology Specially Section on Nanotoxicology, 2015
- Nominated as one of the 'Next Generation of Immunotoxicologists' by the Japanese Society of Toxicology, 2014.
- Inducted into Delta Omega Public Health Honor Society, chapter Beta Upsilon, 2013
- Graduate of University of Florida Science Communications Academy, 2013
- National Academy of Sciences Kavli Fellow in Nanotoxicology, 2011
- University of South Carolina 'Rising Star' Award, 2010
- Nomination for Arnold School of Public Health Excellence in Teaching Award, 2010
- Nomination for University of South Carolina Teacher of the Year Award, 2009
- University of South Carolina Mortar Board Excellence in Teaching Award, 2008
- Nano-Environmental Team Leader, University of South Carolina NanoCenter, 2007-2010
- GeneSifter Travel Award, 2005
- Postdoctoral Vermont Cancer Center Award, 2004
- Patent for Largemouth Bass Gene Chip, University of Florida (EcoArray Inc. #20040166509), 2004
- NIEHS Postdoctoral Fellowship, University of Vermont, 2003
- Medical Guild Competition Award, University of Florida, 2001
- NIEHS superfund graduate research fellow, University of Florida, 1998-2003

PROFESSIONAL SOCIETIES

- American Public Health Association (APHA)
- Society of Environmental Toxicology and Chemistry (SETAC)
- Society of Toxicology (SOT)
- American Physiological Society (FASEB)

FUNDING

CURRENT

- NSF/CBET AW2028527. Ishika Nag, T. Sabo-Attwood (mentor). Trainee Supplement - RAPID: Collaborative Research: Transforming passive protective face masks toward active capture and inactivation of coronavirus with nano-assisted surfactant modification; $4,483; 2/2022-7/31/2022.

- University of Florida, Screen, Test, Protect. Sabo-Attwood (PI). Assessing Campus Community Health through Wastewater Tracking of SARS-CoV-2; $225,000.

- NIDA/U01DA051126 supplement, Integrating Wastewater-Based Epidemiology into the National Drug Early Warning System Coordinating Center to Track Community Health Trends, L. Cotler, T Sabo-Attwood (MPI), $152,498. 8/01/21-7/30/2022

- UF Seed Award, Platt (PI), Sabo-Attwood (Co-PI). Using a Design Performance SafetySimulation Model to Forecast Infection Prevention Resilience in Healthcare; $98,000. 5/01/20-4/30/2022

- NIH 2R44ES030649-02, Arantza (PI), Sabo-Attwood (UF PI). SBIR Phase II, Characterization of Toxicity of Airborne ENMs using Direct In Vitro Exposure (DIVE);1.6M. 7/14/20-6/30/2023

- NSF RAPID 2028527, Sabo-Attwood (PI). Collaborative Research: Transforming passiveprotective face masks toward active capture and inactivation of coronavirus with nano- assisted surfactant modification; $200,000. 5/01/2020-6/30/2022

- R43ES030649-01, NIEHS/SBIR, Arantza (PI), Sabo-Attwood (Co-PI). Characterizationof Toxicity of airborne ENMs using Direct In-vitro Exposure (DIVE); $150,000. 5/01/19- 8/31/2021.

- 1936864, NSF ERC Planning Grant, Swarup (PI), Sabo-Attwood (Co-PI). EngineeringResearch Center for for Smart Sensing, Mapping, and Forecasting of Water Quality for Sustainable Coastal Ecosystems, $100,000. 9/01/2019-08/31/2020.

- Florida Sea Grant research Initiative. Investigations and Community Engagement to Address Theft and Vandalism Affecting Florida's Gulf Coast Shellfish Production. Kane (PI), Sabo-Attwood (Co-PI). $266,801. 2/1/2019-1/31/22.

- U54OH011230, CDC/NIOSH, Morris (PI), Sabo-Attwood (Co-PI). Southeastern CoastalCenter for Agricultural Safety and Health (SCCAHS). 10M, 11/15/2018 – 9/29/2022.

- COMPLETED

- NSF CBET. Bisesi (PI), Sabo-Attwood T (Co-PI). Understanding how interaction of single walled carbon nanotubes with biological interfaces in the gastrointestinal system may alter chemical bioavailability. 2016 – 2019, $300,000.

- 1840447, NSF ERC Planning Grant, Russell (PI), Sabo-Attwood (Co-PI, UF Lead). Engineering Research Center for Polymer Enhanced Biology, $100,000. 8/1/2018– 7/31/2019.

- Clinical Translational Science Institute Pilot Research Award, Lipidomics Profiling in Sputum Samples in Patients with Respiratory Viral Infections. Sabo-Attwood (PI). $7,500. 12/2018- 6/2020.

- EPA. Sabo-Attwood T (PI), Denslow (Co-PI). Ex Vivo Verification of Hard and Soft Acid- Base Rank Predictions for Protein Adducts & Histopathology. 2017-2019, $170,000.

- UF Faculty Enhancement Opportunity. Sabo-Attwood T (PI). Executive Leadership in Academic Medicine Academy. $35,000, 2017-2018.

- Florida Fish and Wildlife Commission. Sabo-Attwood T (PI). Denslow (Co-PI). Assessment of molecular markers during the reproductive cycle of largemouth bass. $50,000, 2016 – 2018.

- Florida Department of Environmental Protection. Assays to determine estrogenic activity in Florida waters. Denlsow N (PI), Sabo-Attwood T (Co-PI), Bisesi J (Co-PI). $35,000, 2015- 2018.

- USDA NIFA Postdoctoral Training Fellowship. Investigating the Use of Nanomaterials in Sequestration of Pathogens Relevant to Aquaculture. Lavelle C (PI Trainee): Sabo-Attwood T (PI Mentor). $160,000, 2015 – 2017.

- NIH/NHLBI R01, Defining the role of toll-like receptors in the toxicity of nanoparticles and pathogens. Sabo-Attwood T (PI), Lednicky J (Co-I), Ferguson PL (Co-I), Saleh N (Co-I). 1.5M, 2012 - 2018.

- Korean Ministry, Exposure of Human Airway Epithelial Cells in vitro to Secondary Organic Aerosol Produced Using a Large Outdoor Smog Chamber. Jang M (PI), Sabo-Attwood T (Co-PI). $400,000, 2014-2017.

- International Research Support Initiative Program (IRSIP) Higher Education commission (HEC), Islamabad Pakistan. Student Exchange Program. Sabo-Attwood T (PI). $3,500, 2016.

- NSF/CBET, Impact of Single-Walled Carbon nanotubes on Reproductive Parameters in Fish. Sabo-Attwood T (PI), Denslow N (Co-PI). $300,000, 2012-2016.

- Electric Power Research Institute, Influence of Particulates on Pulmonary Deposition of VOCs and SVOCs. Roberts S (PI), Sabo-Attwood T (Co-PI). $577,807, 2014 – 2016.

- NIH-D43, One Health Fellowships for Zoonotic Disease Research in Mongolia. Gray G (PI), Sabo-Attwood T (Co-I). 304,713.000, 2013-2014.

- NIH FIC 1R24TW0095461, One Health Center for Environmental and Occupational Research. Gray G (PI), Coman A (PI), **Sabo-Attwood T (Co-I).** $100,000. 2012-2014.

- UF Opportunity Fund, Pulmonary toxicity of Pathogens and Nanomaterials. **Sabo-AttwoodT (PI)**, Lednicky J (Co-PI), Powers K (Co-PI). $87,889, 2012-2014.

- NSF/CBET, Influence of diameter and chirality of single-walled carbon nanotubes on theirfate and effects in the aquatic environment. Saleh N (PI), **Sabo-Attwood T (Co-PI)**, Ferguson PL (Co-PI).

$399,319, 2009-2012.

- NIH/NIEHS, Mechanisms of Xenoestrogen Stress: A Proteomic and Functional GenomicApproach. **Sabo-Attwood T (MPI)**, Ferguson PL (MPI). $378,000, 2009-2012.

- NSF/CBET, Plant Uptake and Interaction with Nanoparticles. Newman L (PI), **Sabo-Attwood T (Co-PI)**. $278,000, 2008-2012.

- NOAA Coastal Services Center, Using gene expression profiles of estuarine grass shrimp (*Palaemonetes pugio*) as biosensors/monitors of coastal ecosystem health. Quattro J (PI),**Sabo-Attwood T (Co-PI).** $366,000, 2009-2012.

- USC Medical School, The Interdisciplinary Conference on Pregnancy and the Health ofWomen and Children. Karmaus W (PI), **Sabo-Attwood T (Co-PI)**, Zhang H (Co-PI).
- $2,000, 2009.

- NSF/NIRT, Intuitive toxicology and Public Engagement. Berube D (PI), **Sabo-Attwood T (Consultant)**. $1,399,258, 2008-2010.

- NIH/NHLBI, The influence of gender on molecular signatures of fibrotic lung disease.
- **Sabo-Attwood T (PI)**, Zhang H (PI), Karmaus W (Co-PI). $150,000, 2008-2010.

- NIH/NIEHS, Mechanisms of Asbestos-Induced Clca1 and Mucin in Lung Epithelium.
- **Sabo-Attwood T (PI)**, $320,000, 2006-2010.

- SC EPSCoR/IDEA, Stress, endocrine disruption, and adverse pregnancy outcomes. Karmaus W (PI), **Sabo-Attwood T (Co-PI)**, Zhang H (Co-PI), Gregg (Co-PI). $50,000,2008-2009.

- University of South Carolina ASPH Seed Grant Program, Gene Profiling of Lung EpithelialCells Exposed to Single-Walled Carbon Nanotubes. **Sabo-Attwood T (PI)**. $10,000, 2007-2008.

- USC Honors College SURF Award. **Sabo-Attwood T (PI)**. $3,000, 2008-2009.

- USC NanoCenter, Nanomaterials in the Environment. **Sabo-Attwood T (PI)**. $170,000,2009.

- USC Research Foundation, Proposal for a Research Faculty Position in Environmental Toxicogenomics, Centenary Plan. **Sabo-Attwood T (PI)**, Chandler GT (Co-PI). $143,125,2007-2010.

- USC Honors College SURF Award. **Sabo-Attwood T (PI)**. $3,000, 2010-2011.

PUBLICATIONS

underlined = senior author; Graduate Student = g; Post-Doc/Junior Faculty = p

1. K. Clarke (g), K. Ash, E.S. Coker, T. Sabo-Attwood, E. Bainomugisha (2022). Social Vulnerability to Air Pollution and the Spatially Varying Relationship to PM2.5 exposure in Uganda. (Submitted).

2. S.T. Humes (g), M.L. Ingramb, M.C. Finnerty, S.E. Robinson, A. O'Conner (g), H. Chen (g), J. A. Lednicky, B. S. Cummings, **T. Sabo-Attwood** (2022). Impact of single-walled carbon nanotube exposure on the lung cell lipidome and potential implications for influenza A virus infection. (Submitted).

3. A. L. Rainey, K. Buschang, A. O'Conner (g), D. Love, A. Wormington, R. L. Messcher, J. C. Loeb, S. E. Robinson, H. Ponder, S. Waldo, R. Williams, J. Shapiro, E. B. McAlister, M. Lauzardo, J. A. Lednicky, A. T. Maurelli, **T. Sabo-Attwood**, J. H. Bisesi Jr. (2022). Wastewater-Based Epidemiology of SARS-CoV-2 under dynamic COVID-19 pandemic response efforts on a large university campus (Submitted).

4. A. L. Rainey, J. C. Loeb, S. E. Robinson, P. Davis, J. A. Lednicky, E.C. Coker, **T. Sabo-Attwood**, J. H. Bisesi Jr., A. T. Maurelli (2022). Assessment of a mass balance equation for estimating community-level prevalence of COVID-19 using wastewater-based epidemiology (In Review).

5. S. T. Humes (g), N. Iovine, C. Prins, T. J. Garrett, J. A. Lednicky, E. S. Coker, **T. Sabo-Attwood.** (2022) Association Between Lipid Profiles and Viral Respiratory Infections in Human Sputum Samples (In Review).

6. A. L. Rainey, J. C. Loeb, S. E. Bisesi, J. A. Lednicky, J. McPherson, S. Colson, E. S. Coker, **T. Sabo-Attwood**, A. T. Maurelli, J. H. Bisesi Jr. Wastewater surveillance for SARS-CoV-2 in a small coastal community: Utility for identifying effects of tourism on viral presence and variant identification among low prevalence populations. Environ Res. 2022 May 15;208:112496. doi: 10.1016/j.envres.2021.112496. Epub 2021 Dec 11. PMID: 34902379; PMCID: PMC8820684.

7. M. Russo, S.T. Humes (g), A.M. Figueroa, A. Tagmount, P. Zhang, A. Loguinov, J.A Lednicky, **T. Sabo-Attwood,** C.D. Vulpe, B. Liu. (2021). Organochlorine Pesticide Dieldrin Suppresses Cellular Interferon-Related Antiviral Gene Expression. Toxicol Sci. 2021 Aug 3;182(2):260-274. doi: 10.1093/toxsci/kfab064.PMID: 34051100.

8. **T. Sabo-Attwood**, J.H. Bisesi, A.S. Kane, A. Onur and N.B. Saleh (2021). Invited Review: Nano-scale Applications in Aquaculture: Opportunities for Improved Production and Disease Control. J. Fish Dis. 2021 Apr;44(4):359-370. doi: 10.1111/jfd.13332.

9. K. Clarke (g), A. Manrique (g). **T. Sabo-Attwood**, E.S. Coker (2021). A Narrative Review of Occupational Air Pollution and Respiratory Health in Farmworkers. International Journal of Environmental Research and Public Health. 2021; 18(8):4097. doi.org/10.3390/ijerph18084097.

10. J. Lednicky, M. Salemi, K. Subramaniam, T.B. Waltzek, **T. Sabo-Attwood**, J. C. Loeb, S. Hentschel (g), M. Tagliamonte, S. Marini, M. Alam, C.J. Stephenson, M. Elbadry and J.G. Morris Jr. (2021). Earliest detection of SARS-CoV-2 in Florida: Identification together with Influenza virus on the main entry door of a University building in February, 2020. PLoS One, Jan 13:16(1):e0245352.

11. M. D. Montaño, K. Liu, **T. Sabo-Attwood** and P. L. Ferguson (2021). Analysis of Single-Walled Carbon Nanotubes in Estuarine Sediments by Density Gradient Ultracentrifugation Coupled to Near-Infrared Fluorescence Spectroscopy Reveals

Disassociation of Residual Metal Catalyst Nanoparticles. Environ Sci Technol. Jan 19;55(2):1015-1023.

12. A. M. Wormington, S. Robinson, D. Gabrielli, MZ. Nouridelavar, E. Coker, N. Denslow, **T. Sabo-Attwood**, J. H. Bisesi Jr. Emerging Investigator Series: Examination of the gastrointestinal lipidome of largemouth bass exposed to dietary single-walled carbon nanotubes. Environ. Sci.: Nano, 2021,8, 2792-2801.

13. A. Menouni, R.C. Duca, I. Berni, M. Khouchoua, M. Ghosh, B. El Ghazi, N. Zouine, I. Lhilali, D. Akroute, S. Pauwels, M. Creta, K. Poels, P. Hoet, J. Vanoirbeeck, M. Kestemont, P. Janssen, T. Sabo Attwood, L. Godderis, and S. El Jaafari (2021). The Parental Pesticide and Offspring's Epigenome Study: Towards an Integrated Use of Human Biomonitoring of Exposure and Effect Biomarkers. Toxics. 2021 Dec; 9(12): 332. doi: 10.3390/toxics9120332, PMID: 34941766.

14. E. Coker, J. Martin III, L. D. Bradley, K. Sem, K. Clarke and **T. Sabo-Attwood** (2020). A time series analysis of the ecologic relationship between acute and intermediate PM2.5 exposure duration on neonatal intensive care unit admissions in Florida. Environmental Research, Oct 22;110374.

15. H. Chen (g), S. T. Humes (g), M. Rose, S. E. Robinson, J. C. Loeb, I. V. Sabaraya, L. C. Smith, N. B. Saleh, W. L. Castleman, J. A. Lednicky and **T. Sabo-Attwood** (2019). Hydroxyl Functionalized Multi-walled Carbon Nanotubes Modulate Immune Responses without Increasing 2009 Pandemic Influenza A/H1N1 Virus Titters in Infected Mice. Toxicology and Applied Pharmacology (1);404:115167.

16. H. Chen (g), S. T. Humes (g), J. A. Lednicky, N. B. Saleh and **T. Sabo-Attwood** (2019). Chapter 11: Nanomaterial effects on viral infection; Book Chapter in Interaction of Nanomaterials with the Immune System, Edited by James Bonner and Jared Brown, Springer, Cham, pg 167-195, 2019.

17. N. Aich, K. Kordas, I. Ahmed and **T. Sabo-Attwood** (2019). Shrinking Problems: The Hidden Risks of Electronic Waste; Perspectives from Environmental Engineering, Epidemiology, Environmental Health Sciences, and Human-Computer Interaction; Book Chapter in Transforming Global Health, Edited by Korydon H. Smith and Pavani Kalluri Ram, Springer, Cham, pg 161-178, 2020.

18. B. W. Brooks, **T. Sabo-Attwood**, K. Choi, S, Kim, J. Kostal, C. A. LaLone, L. M. Langan, L. Margiotta-Casaluci, J. You, and X. Zhang (2020). Toxicology Advances for 21st Century Chemical Pollution. One Earth. 2020 Apr 24; 2(4): 312–316.

19. T.B. Tilly, R.X. Ward, J.K. Luthra, S.E. Robinson, A. Eiguren-Fernandez, G.S. Lewis, R.L. Salisbury, J.A. Lednicky, **T. Sabo-Attwood,** S.M. Hussain, and C.Y. Wu (2019). Condensational particle growth device for reliable cell exposure at the air-liquid interface to nanoparticles. Aerosol Science and Technology, 53(12):1415-1428.

20. R.X. Ward, T.B. Tilly, S.I. Mazhar, S.E. Robinson, A. Eiguren-Fernandez, J. Wang, **T. Sabo-Attwod**, and C.Y. Wu (2020). Mimicking the Human Respiratory System: Online in

Vitro Cell Exposure for Toxicity Assessment of Welding Fume Aerosol. Journal of Hazarous Materials, Apr 13;395:122687.

21. Hao Chen (g), Sarah T. Humes (g), S. E. Robinson, J. Loeb, I. Sabaraya, N. B. Saleh, R. B. Khattri, M. E. Merritt, C. J. Martyniuk, J. A. Lednicky and **T. Sabo-Attwood** (2019). Single-walled Carbon Nanotubes Repress Viral-Induced Defense Pathways through Oxidative Stress. Nanotoxicology, Nov;13(9):1176-1196.

22. J. Nicholas (g), H. Chen (g), K. Liu, J. H. Bisesi Jr, D. Bolser, W. Castleman, P. L. Ferguson and **T. Sabo-Attwood** (2018). Utilization of Near Infrared Fluorescence Imaging to Track and Quantify the Pulmonary Retention of Single-Walled Carbon Nanotubes in Mice. Nano Impact 14:Feb 2019, 100167.

23. **T. Sabo-Attwood**, D. Das, J. Plazas-Tuttle and N. B. Saleh (2019). Carbon nanotubes: Sublethal and unique mechanisms of toxicity in aquatic vertebrates. Book Chapter in Toxicology of Ambient Ultrafine Particulate Matter, Nanoparticles and Nanomaterials in Terrestrial and Aquatic Environments, Wiley SETAC (*In Press*).

24. L. C. Smith (g), S. Moreno (ug), S. Robinson, M. Orandle, D. W. Porter, D. Das, N. B. Saleh and **T. Sabo-Attwood** (2019). Multi-walled carbon nanotubes inhibit estrogen receptor expression in vivo and in vitro through transforming growth factor beta1. Nano Impact, 14: Feb. 100152.

25. Merryman, I. Sabaraya, L. Rowles, A. Toteja, S. Carrillo, **T. Sabo-Attwood** and N. B. Saleh (2019). Preferential interaction between functionalized multiwalled carbon nanotubes and MS2 bacteriophages in water. Science of the Total Environment, 670: June, 1140-1145.

26. Lavelle (p), L. C. Smith (g), J. H. Bisesi Jr., F. Yu, C. SilvaSanchez, D. Moraga, N. Garcia-Reyero, **T. Sabo-Attwood** and N. D. Denslow. Tissue-based mapping of the fathead minnow (Pimephales promelas) transcriptome and proteome. Front Endocrinol (Lausanne). 2018 Nov 6;9:611.

27. Opeolu, G. Arts and **T. Sabo-Attwood** (2018). Setac Africa Women's Event (Safwe) in Calabar, Nigeria. Setac Globe. Volume 19, Issue 2 Feb.

28. **T. Sabo-Attwood**, J. H. Bisesi Jr., P. L. Ferguson (2018). Ecotoxicology and Environmental Health in the developing World. Setac Globe. Special Issue April Volume 19, Issue 4 Feb April.

29. C. Smith (g), S. Moreno (ug), L. Robertson (ug), S. Robinson, A. Bryant and **T. Sabo-Attwood** (2018). Transforming growth factor beta1 targets estrogen receptor signaling in bronchial epithelial cells. Respiratory Research Aug 30;19(1):160.

30. C. L. Smith (g), C. Lavelle (p), N. D. Denslow and **T. Sabo-Attwood** (2018). Early phosphoproteomic changes for adverse outcome pathway development in the fathead minnow (*Pimephales promelas*) brain. Scientific Reports Jul 5;8(1):10212.

31. D. Das, I. V. Sabaraya, T. Zhu, **T. Sabo-Attwood** and N. B. Saleh (2018). Aggregation Behavior of Multiwalled Carbon Nanotube-Titanium Dioxide Nanohybrids: Probing the Part-Whole Question. Environmental Science & Technology Aug 7;52(15):8233-8241.

32. D. Das, I. V. Sabaraya, **T. Sabo-Attwood** and N. B. Saleh (2018). Insights into Metal Oxide and Zero-Valent Metal Nanocrystal Formation on Multiwalled Carbon Nanotube Surfaces During Sol-gel Hybridization. Nanomaterials Jun 5;8(6).

33. M. Sohail (g), S. A. M. A. S. Eqani, J. Podgorski, A. K. Bhowmik, A. Mahmood, N. Ali, H. Bokhari, **T. Sabo-Attwood** and H. Shen (2017). POPs emission via dust fallout throughout Pakistan: Fingerprinting of recent inputs, regional cycling and their implication for human health risks Sci Total Environ. 2018 Mar 15;618:829-837.

34. S.M. Roberts, A.C. Rohr, V. Mikheev, J. Munson and **T. Sabo-Attwood** (2018). Influence of Airborne Particulates on Respiratory Tract Deposition of Inhaled Toluene and Naphthalene in the Rat. Inhal Toxicol. Jan;30(1):19-28.

35. H. Chen (g), X. Zheng (g), J. Nicholas (g), S. T. Humes (g), J. C. Loeb, S. Robinson, J. H. Bisesi Jr., D. Das, N. B. Saleh, W. Castleman, J. A. Lednicky and **T. Sabo-Attwood** (2017). Single-walled carbon nanotubes modulate pulmonary immune responses and increase pandemic influenza A virus titers in mice. Virol J. Dec 22;14(1):242.

36. Y. Zechen, M. Jang, **T. Sabo-Attwood**, S. E. Robinson and H. Jiang (2017). Prediction of Delivery of Organic Aerosols onto Air-Liquid Interface Cells *in vitro* Using an Electrostatic Precipitator. Toxicol In Vitro. Aug;42:319-328.

37. N. Garcia-Reyero, B.S. Jayasinghe, K.J. Kroll, **T. Sabo-Attwood** and N.D. Denslow. (2018). Estrogen signaling through both membrane and nuclear receptors in the liver of fathead minnow. Gen Comp Endocrinol. Gen Comp Endocrinol. 2018 Feb 1;257:50-66.

38. S.T. Humes (g), C.M. Lavelle (p), S. Hentschel (g), L.C. Smith (g), J.A. Lednicky, and **T. Sabo-Attwood** (2017). Overcoming interference by carbon nanotubes in qRT-PCR assessments of gene expression. Biotechniques. 2017 Aug 1;63(2):81-84.

39. N. Aich, A. Masud, **T. Sabo-Attwood**, J. Plazas-Tuttle, and N.B. Saleh. Dimensional Variations in Nanohybrids: Property Alterations, Applications, and Considerations for Toxicological Implications (*In Review*).

40. J. Bisesi (p), S. Robinson, C. Lavelle (p), T. Ngo (ug), B. Castillo (ug), H. Crosby (ug), P.L. Ferguson, N.B. Saleh, N. Denslow and **T. Sabo-Attwood** (2017). Influence of the gastrointestinal environment on the bioavailability of ethinyl estradiol sorbed to single-walled carbon nanotubes. Environ Sci Technol. Jan 17;51(2):948-957.

41. D. Das, J. Plazas-Tuttle, I.V. Sabaraya, S. S. Jain, **T, Sabo-Attwood** and N. B. Saleh (2017). An Elegant Method for Large Scale Synthesis of Metal Oxide-Carbon Nanotube Nanohybrids for Nano-environmental Application and Implication Studies. Environmental Science: Nano 4(1):60-68.

42. L.C. Smith (g), K.J. Ralston-Hooper, P.L. Ferguson and **T. Sabo-Attwood** (2016). The G Protein-Coupled Estrogen Receptor Agonist G-1 Inhibits Nuclear Estrogen Receptor Activity and Stimulates Novel Phosphoproteomic Signatures. Toxicol Sci. 2016 Jun;151(2):434-46.

43. L.C. Smith (g), J.C. Clark (g), J.H. Bisesi Jr (p), P.L. Ferguson and **T. Sabo-Attwood** (2016). Differential recruitment of co-regulatory proteins to the human estrogen receptor 1 in response to xenoestrogens. Comp Biochem Physiol Part D Genomics Proteomics.

44. H. Zhang, X. Huang, J. Gan, W. Karmaus and **T. Sabo-Attwood** (2016). A Two-Component G-Prior for Variable Selection. Bayesian Analysis. 11(2); 353.

45. H.H. Jiang, M. Jang, S. Robinson and **T. Sabo-Attwood** (2016). Oxidative Potential of Secondary Organic Aerosols Produced from Photooxidation of Different Hydrocarbons using Outdoor Chamber Under Ambient Sunlight. Atmospheric Environment 151(2):434-446.

46. I.A. Khan, J.R. Flora, A.R. N. Afrooz, N. Aich N, P.A. Schierz, P.L. Ferguson, T**. Sabo-Attwood** and N.B. Saleh. Change in Chirality of Semiconducting Single-Walled Carbon Nanotubes Can Overcome Anionic Surfactant Stabilization: A Systematic Study of Aggregation Kinetics. Environ Chem. 2015 May 20;12(6):652-661.

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and N.B. Saleh. (2015). Change in Chirality of Semiconducting Single-Walled Carbon Nanotubes Can Overcome Anionic Surfactant Stabilization: A Systematic Study of Aggregation Kinetics. Env Chem, May 20.

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(2009). Application of an *In Situ* Hepatic and Gill CYP1A Activity Assay to River Water Quality Monitoring Using the See-through Medaka, *Oryzias latipes.* Japanese Journal of Environmental Toxicology. Vol. 12 (2009) No. 1 P 55-58

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MENTORING

CURRENT

- Junior Faculty and Postdoctoral Associates
    - Nicholas Green, Adjunct Assistant Professor 2019-present
- Doctoral Students
    - Nima Madani, 2017-present
    - Kayan Clarke, 2020-present
    - Amber O'Connor, 2020-present
    - Andres Manrique, 2022-present
- Masters Students
    - Meghan Maly, MHS, 2021-current
- Undergraduates
    - Maira Oliva, 2021-present
    - Sarah Wheeler, 2022-present
    - Sri Pulaparthi, 2022-present
- High School Students
    - Ishika Nag, 2021-current

PAST

- Junior Faculty and Postdoctoral Associates
    - Maria Eugenia-Ariza, Research Assistant Professor, 2007-2010
    - Shosaku Kashiwada, Research Assistant Professor, 2007-2010
    - Jessica Clark, Postdoctoral Associate, 2008-2010
    - Joseph Bisesi, Postdoctoral Associate, 2011-2014
    - Sumith Jayasingthe, PhD, Postdoctoral Associate, 2012 – 2014
    - Candice Lavelle, USDA Postdoctoral Fellow, 2015-2017
    - Joseph Bisesi, Research Assistant Professor, 2014-2015
    - Elif Oruc, Visiting Professor (Co-advised with Dr. Denslow)

- Pallab Sanpui PhD, Postdoctoral Associate, 2011-2013

- Doctoral Students
  - Karin Gaertner, PhD, 2007-2010
  - Gustavo Dominguez, PhD, 2009-2012
  - Xiao Zheng, PhD student, 2011-2015
  - Muhammad Sohail, visiting PhD student (International Research Support Initiative Program), 2017
  - Ley Cody Smith, PhD, 2013-2017
  - Van Ortega, PhD, University of Calgary, External Reviewer, 2017
  - Hao Chen, PhD, 2014-2018
  - Sarah Humes, 2015-2019
  - Amanda Buerger (Co-advised with Dr. Bisesi), 2015-2019
  - Aziza Menouni, PhD student (Moulay Ismail University, Egypt), 2018-current
  - Nima Madani, 2017-current
  - Rebecca Austin-Datta, 2017-2019 (left with Masters)

- Masters Students
  - Lynel Tocci, MHS, 2017-2021
  - Rebecca Schall, MPH, 2019-2021
  - Keely Smith, MHS, 2018-2020
  - Cyanna Mitchell, MHS, 2018-2020
  - Adriana Cheraso, MHS, 2018-2020
  - Catie, McDermott, MPH, 2017-2019
  - Michael Leach, MHS, 2017-2019
  - Ricardo Martinez, MPH, 2016-2018
  - Jacqueline Curnick, MDP, 2016-2018
  - Katie McNamara, MHS, 2015-2017
  - Alyssa Simons, MPH, 2015-2017
  - Hayley Johnson, MHS, 2014-2016
  - Shannon Hentschel, MS, 2014-2016
  - Justine Nicholas, MS, 2015-2017
  - Christine Singer, MHS, 2014-2016
  - Jane Ritho, MHS, 2013-2015
  - Bahareh Keith MD, MHS, 2013-2015
  - Thuy Ngo, MPH, 2013-2015
  - Cruz Ortiz, MS (Co-advised with DR. Wu), 2013-2015
  - Kirsten Blanzy, MPH, 2013-2015
  - Melani Dickenson, MPH, 2013–2015
  - Alex Burne, MPH, 2013–2014
  - Raed Narvel, MPH, 2012-2014.
  - Zachary Lowenstein, MPH, 2012-2014.
  - Kaitlyn Summerfield, MPH, 2011-2013
  - Mary Leigh Morris, MPH Student, 2012-2013
  - Ley Cody Smith, MS, 2011-2013
  - Karishma Chhabria, MPH Researcher, 2011-2012
  - Leslyn Bertch-Richardson, MS, 2007-2009
  - Sean McGee, MS, 2008-2010

- Gustavo Dominguez, MS, 2007-2009

- Undergraduates
  - Lauren Bradley, 2020-2021
  - Rebecca Schall, 2019-2020
  - Brittney Hay, 2019-2020
  - Sabrina Han, undergraduate (PHHP Honors Thesis), 2017-2018
  - Lauren Robertson, undergraduate (PHHP Honors Thesis), 2017-2018
  - Julia Duffin, undergraduate, 2016-2017
  - Nick Andreacchio, undergraduate, 2016-2017
  - Lindsey North, undergraduate (PHHP Honors Thesis), 2016-2017
  - Brandi Travis, undergraduate, (PHHP Honors Thesis), 2016-2017
  - Hayleigh Crosby, undergraduate (PHHP Honors Thesis), 2015-2016
  - Jenn Knapp, Undergraduate (PHHP Honors Thesis), 2014
  - Joni Dunmeyer, Undergraduate Researcher, 2007-2008
  - KC Highland, Magellan Scholar (Co-advised with PL Ferguson), 2007-2009
  - Hayleigh Crosby, undergraduate (PHHP Honors Thesis)
  - Blake Castillo, Undergraduate, (PHHP Honors Thesis), 2012-2014
  - Kristal Gant, Undergraduate Researcher, 2014
  - Camille Estupijan, Undergraduate Student, 2013
  - Kunj Shroff, Undergraduate Researcher
  - Shivani Patel, Undergraduate Researcher, 2009

- High School
  - Shivani Gupta, high school student (Student Science Training Program), 2016
  - Ankush Bikkasani, high school student (Student Science Training Program), 2015
  - Avnika Amin, High School Student, 2008
  - Arch Martin, Magellan Scholar, 2010
  - Kitty Tryon, High School Student, 2006-2007

STUDENT –POSTDOC AWARDS

- PHHP Research Day 1st place Research Award, Amber O'Conner, 2022.

- Outstanding Student Research Award, Department of Environmental and Global Health,Amanda Buerger, 2020.
- First Place for best platform presentation, Southeastern Society of Toxicology, Nima Madani, 2019
- Outstanding Doctoral Student, Department of Environmental and Global Health, Sarah Humes, 2019
- Delores A. Auzenne Dissertation Award, UF, Sarah Humes, 2019
- Occupational and Public Health Specialty Section of the Society of Toxicology, Travel Award, Sarah Humes, 2019
- First Place for best platform presentation, Southeastern Society of Toxicology, Sarah Humes, 2018
- First Place for best poster presentation, Southeastern Society of Toxicology, Nima Madani 2018

- Clinical Translational Research Award, University of Florida, Sarah Humes, 2018
- Outstanding Doctoral Student, Department of Environmental and Global Health, Hao Chen, 2018
- CDC Ambassadors Fellowship, Rebecca Austin-Datta, 2017-2019.
- Presentation Research Award, Southeastern Society of Toxicology, Sarah Humes, 2017.
- Presentation Research Award, Southeastern Society of Toxicology, Hao Chen, 2017.
- Pellston Workshop™ "Advancing the Adverse Outcome Pathway Concept – An International Horizon Scanning Approach, Cody Smith, 2017.
- CEEZAD level 3 training fellowship, Sarah Townsend Humes, 2016.
- Presentation Research Award, SESOT, Cody Smith, 2016.
- Best Paper Award, SSTP program, Shivani Gupta, 2016.
- Graduate Student Fellowship, UF College of PHHP, Sarah Townsend, 2015 - 2018.
- Graduate Student Fellowship, UF College of PHHP, Amanda Buerger, 2015 – 2018.
- Outstanding EGH MPH Student Award, Kirsten Blanzy, 2015.
- Recipient of Dow Agro Internship - Student Program in Regulatory Sciences and Regulatory Affairs R&D, Xiao Zheng, 2015.
- USDA Postdoctoral Fellowship recipient, Candice Lavelle, 2015 – 2017.
- Graduate Student Travel Award, Society of Toxicology, Xiao Zheng, 2015.
- Graduate Student Travel Award, Society of Environmental Toxicology and Chemistry, Cody Smith, 2014, 2013.
- Inman Travel Award, UF Veterinary Graduate Student Association, Cody Smith, 2014
- UF Graduate Student Council Travel Grant, Cody Smith, 2014, 2013
- Elected Graduate Student Representative, Molecular and Systems Biology Specialty Section, Society of Toxicology, Cody Smith, 2014.
- Elected Southeastern Regional Chapter Representative and Fundraising Subcommittee Chair, Student Advisory Council, Society of Environmental Toxicology and Chemistry,Cody Smith, 2014.
- Outstanding presentation in Public health, 1st Place at SACNAS conference, Justine Nicholas, 2014.
- UF Outstanding International Student Award, Bela Zheng, 2013.
- Best Poster Award Finalist, NanoFlorida, Joseph Bisesi, 2013.
- Graduate Student Fellowship, UF College of Veterinary Medicine, Cody Smith, 2012 - 2016.
- 1st place Society of Toxicology Graduate Student Award, Molecular Biology Specialty Section, Ley Cody Smith, 2013.
- 1st place poster presentation Sean McGee, USC Graduate Research Day, 2009.
- 1st place poster presentation Leslyn Bertch-Richardson, USC Graduate Research Day, 2009.
- 3rd place poster presentation Karin Gaertner, USC Graduate Research Day, 2009.
- Outstanding Graduate Student Award in ENHS, Gustavo Dominguez, 2009.
- Best Poster Award Sean McGee, Organization for the Study of Sex Differences Conference, 2010.

STUDENT COMMITTEES

CURRENT

Andres Manrique, PhD, Dept of Environmental and Global Health, UF
Mallory Lewis, PhD, Dept of Physiological Sciences, UF

Sripriya Nannu, PhD, Dept of Environmental Engineering, UF
Kayan Clarke, PhD, Dept of Environmental and Global Health, UF
Alexis Wormigton, PhD, Dept of Environmental and Global Health, UF
Nima Madani, PhD, Dept of Environmental and Global Health, UF
Amber O'Connor, PhD, Dept of Environmental and Global Health, UF
Chiran Witanachchi, PhD, Dept of Environmental Engineering, UF
Andrew Rainey, PhD, Dept of Environmental and Global Health, UF
Mariah Watson, Dept of Environmental and Global Health, UF

COMPLETED (MS/MHS; PhD)

Lynel Tocci, MHS, Dept of Environmental and Global Health, UF
Keeley Smith, MHS, Dept of Environmental and Global Health, UF
Rebecca Schall, MPH, Dept of Environmental and Global Health, UF
Cyanna Mitchell, Dept of Environmental and Global Health, UF
Ryan Ward, PhD, Department of Environmental Engineering, UF
Edwin Arauz, PhD, Dept of Physiological Sciences, UF
Trevor Tilly, PhD, Department of Environmental Engineering, UF
Amanda Berger, PhD, Dept of Environmental and Global Health, UF (Co-Chair Dr. Bisesi)
Sarah Townsend, PhD, Dept of Environmental and Global Health, UF
Nick Vandervoort, PhD, Dept of Environmental Engineering, UF
Marissa Valentine, PhD, Dept of Environmental and Global Health, UF
Michael Leach, MHS, Dept of Environmental and Global Health, UF
Huanhuan Jiang, PhD, Department of Environmental Engineering, UF
Mary Merrill, PhD, Dept of Environmental and Global Health, UF
David Drier, Dept of Physiological Sciences, UF
Hao Chen, PhD, Dept of Environmental and Global Health, UF
Lindsey North, undergraduate honors, Public Health, UF Justine
Nicholas, MS, Dept of Physiological Sciences, UF
Alyssa Simons, MPH, Dept of Environmental and Global Health, UF
Tania Bonny, PhD, Dept of Environmental and Global Health, UF
Sarah White, PhD, Dept of Environmental and Global Health, UF
Ley Cody Smith, PhD, Dept of Physiological Sciences, UF
Kevin Kircheval, PhD, Dept of Physiological Sciences, UF
Christine Singer, MHS, Dept of Environmental and Global Health, UF
Bahareh Keith, MHS, Dept of Environmental and Global Health, UF
Jane Ritho, MHS, Dept of Environmental and Global Health, UF
Ben Andersen, PhD, Dept of Environmental and Global Health, UF
Shannon Hentschel, MS, Dept of Microbiology and Genetics, UF Xiao
Zheng, PhD, Dept of Environmental and Global Health, UF
Cruz Ortiz, MS, Department of Environmental Engineering, UF (Co-Chair, Dr. Wu)
Gustavo Dominguez, PhD, Dept of Environmental and Global Health, UF/USC
Michael von Fricken, PhD, Dept of Environmental and Global Health, UF
Candice Lavelle, PhD, Dept of Physiological Sciences, UF
Georgia Hinkley, PhD, Dept of Physiological Sciences, UF
Raed Narvel, MPH, Dept of Environmental and Global Health, UF
Zachary Lowenstein, MPH, Dept of Environmental and Global Health, UF
Alexandra Burne, MPH, Dept of Environmental and Global Health, UF
Kaitlyn Summerfield, Dept of Environmental and Global Health, UF

Claudia T. Kusano, PhD, Department of Epidemiology, UF
Justin Jones, PhD, Dept of Chemistry and Biochemistry, USC
Laural Coons, PhD, Dept of Chemistry and Biochemistry, USC/Duke
Karin Gaertner, PhD, Dept of Environmental Health Sciences, USC
Jessica Clark, PhD, Dept of Chemistry and Biochemistry, USC Lauren
Shaw, MS, Dept of Chemistry and Biochemistry, USC
Marion Lawrence-Snyder, PhD, Dept of Chemistry and Biochemistry, USC
Boyd Pritchard, PhD, Dept of Chemistry and Biochemistry, USC
Ike Ogbuanu, PhD, Dept of Epidemiology and Statistics, USC
Austin Faulkner, MS, Dept of Chemistry and Biochemistry, USC
Cole Hexel, PhD, Dept of Chemistry and Biochemistry, USC
Gagan Deep, PhD, Dept of Chemistry and Biochemistry, USC
Benjamin Bey, PhD, Dept of Environmental Health Sciences, USC
Miguel Uyaguari, PhD, Dept of Environmental Health Sciences, USC
Hilary Sparks, PhD, Dept of Environmental Health Sciences, USC
Jamie Richey, PhD, Dept of Epidemiology and Biostatistics, USC
Marcie Eaddy, PhD, Dept of Biology, USC
Ori Barber, PhD, Department of Engineering, UF
Sean McGee, MS, PhD, Dept of Environmental Health Sciences, USC
Lisa Wickliffe, PhD, Dept of Environmental Health Sciences, USC
Sumith Jayasinghe, PhD, Dept of Environmental Health Sciences, USC
Katie Allen, PhD, Dept of Biology, USC
Jennifer McLarty, PhD, USC School of Medicine, Department of Cell Biology and Anatomy, USC
Keisha Nobles, PhD, Dept of Biostatistics, USC
Nikki Sitasuwan, PhD, Dept of Chemistry and Biochemistry, USC

JUNIOR FACULTY MENTORING COMMITTEES

- Chris Martyniuk, Department of Physiological Sciences, Veterinary Medicine, UF, 2015-present
- Johnathon Judy, Department of Soil and Water Sciences, CLAS, UF, 2017-present

TEACHING EXPERIENCE

GRADUATE COURSES

Average student instructor evaluation scores, highest obtainable value 5.0

- PHC6937, Mechanisms of Environmental Disease, Spring *2021*.

- PHC6937, Public Health Research Methods, Spring *2020*. Student evaluation instructor average 4.6 (at or above Dept and College means)

- PHC 6937, Fundamentals of Grant Writing, Spring *2017, 2019, 2021*. Student evaluationinstructor average 4.8 (at or above Dept and College means)

- PHC 4320, Environmental Concepts in Public Health for Undergraduates, University of

Florida, *2018*. Enrollment 30. Student evaluation instructor average 3.4.

- PHC 6313, Environmental Concepts in Public Health, University of Florida, *2011, 2012, 2013, 2014, 2015, 2016, 2019, 2021.* Enrollment 60 – 96. Student evaluation instructor average
  4.4 (at or above Dept and College means)

- One Health Course in Environmental Health, Duke University, June 2-6, *2017, 2018, 2019*, Durham, NC. 3 credit 1 week course for professionals.

- GMS7593, Functional Genomic Applications in Pharmacology and Toxicology, *2013, 2015, 2016, 2019*: Co-taught with Nancy Denslow. Student evaluations average 4.6.

- ENHS 774, Risk Assessment and Interactions of Environmental Toxicants, University of South Carolina, *2006-2010.* Enrollment 10-15. Student evaluations: 2007 (4.53); 2008 (4.83); 2009 (4.92).

- ENHS 793, Molecular Techniques of Environmental Science and Toxicology, University of South Carolina, *2007.* Enrollment 10-15. Student evaluations 4.84

- ENHS 793. Environmental Genomics, *2009*, University of South Carolina. Enrollment 8-16. Student evaluations 4.9.

- ENHS 765, Applied Research Seminar, University of South Carolina, *2009*. Enrollment 8-15. Student evaluations 4.8.

- ENHS 790, Independent Study, University of South Carolina, *2006-2010*.

UNDERGRADUATE COURSES

- Environmental Concepts in Public Health, University of Florida, developed for 2017, UF.

- Cell and Molecular Biology, Johnson State College, Johnson, VT, *2005*.

- Biology of Nutrition and Fitness, Champlain College, Burlington, VT, *2004*.

WORKSHOPS-WEBINARS

- National Academies of Sciences, Engineering and Medicine Emerging Science for Environmental Health Decisions, Future-casting session participant. April 8, 2022.

- 4 part series of webinars: Moderator T. Sabo-Attwood

  - Sampling Sewage to Combat SARS**:** *Using Wastewater-Based Epidemiology to Bridge the Gap between Environmental Monitoring and Public Health*. (April 2021)

  - Animals, Humans and Pathogens: *Challenges and Opportunities to Improving*

Child Health Outcomes in Low and Middle Income Countries:Research, Donor and Implementing Partner Perspectives. (April 2021)

- The Air We Breathe: *emerging technologies and interdisciplinarity for assessing air quality impacts around the world.* (May 2021)

- Department of Environmental and Global Health Open House (May 2021).

- One day workshop: Challenges and Opportunities for Women in Science: A U.S. Perspective. Society of Environmental Toxicology and Chemistry Africa, Women'sEvent September, Cape town, South Africa, September 18th, 2018.

- Two day workshop: National Academy of Sciences Webcast Workshop: Understanding Pathways to a Paradigm Shift in Toxicity Testing and Decision Making. Presented Case Studies: Towards aquatic monitoring of emerging contaminants. November 20-21, 2017, Washington DC.

- One day workshop: Challenges and Opportunities for Women in Science: A U.S. Perspective. Society of Environmental Toxicology and Chemistry Africa, Women'sEvent October 17-19, Calabar, Nigeria, 2017.

COURSE LECTURES

- Emerging Contaminants and Nanomaterials. Summer Health Professionals Education Program, University of Florida, June 26, 2018, 2019.

- Novel *In Vitro* Approaches for Aquatic Monitoring of Emerging Contaminants, Capetown Peninsula University of Technology – Environmental Management Undergraduate Course, Sept. 2018.

- Environmental Impacts of a Sugar Tax. Summer Health Professionals Education Program, University of Florida, June 2018.

- One Health and Environmental Health; What's the Connection? Soils, Water and Public Health Course, University of Florida, March 21, 2018.

- Keynote lecture, Environmental and Global Health, Undergraduate Public Health Association, University of Florida, Sept 7, 2016.

- GMS7593, University of Florida, Lecture on Intro to Nanotoxicology and Omics, March 2015.

- Science for Life Undergraduate Seminar BCH4905, University of Florida, February 4, 2015.

- Advanced Toxicology VME6603, University of Florida, Lecture on Nanotoxicology, Nov, 2014.

- Science for Life Undergraduate Seminar BCH4905, University of Florida, February 6, 2014.

- PHHP undergraduate honors seminar, University of Florida, February, 2013.

- ENHS 761, Ecotoxicology of Aquatic Systems, Genomic and Chemical Fingerprints of Complex mixtures, University of South Carolina, March 29, 2012.

- IDH 3931, Seminar for Life Series, Environmental Molecular Toxicology, University of Florida, Nov 1, *2011*.

- Pathology 710, Neoplasia, Environmental Carcinogenesis, University of South Carolina, April 6, *2010*.

- ENVR 202, Introduction to Environmental Studies, Toxicology of Endocrine Disrupting Compounds and Emerging Contaminants (Nanomaterials), University of South Carolina, February, 18, 2010.

- BIOS 775, Biostatistical Aspects of Bioinformatics**,** Gene Expression Analysis, University of South Carolina, October 28, 2009.

- Carolina Master Scholar Program for "Bionanotechnology", University of South Carolina, 2009.
- ENVR 350 Intro to Nanotechnology (2 lectures), Introduction to Nanotoxicology, University of South Carolina, 2007.

- Technology, Society, and the Environment Class, Guest for round table discussion on intuitive toxicology, University of South Carolina, 2007.

- CHEM 729/759 Proteomics, Intro to Genomics, University of South Carolina, 2006.

INVITED LECTURES AND KEYNOTES

- SETAC Africa 10th Biennial Meeting, **Keynote**, Don't let your defenses down: A role for environmental chemicals in infectious disease susceptibility, September 22, 2021.

- Invited seminar, CDC/NIOSH Pathology and Physiology Research Branch seminar series, Big actions of small particles on respiratory defense networks in response to pathogens, September 8, 2021.

- The 10th Conference of the Sustainable Nanotechnology Organization, BridgingNanotechnology and Public Health for Improved PPE, Nov 2020,

- International Society of Environmental Epidemiology. Environmental pollution and (resilience to) infections – Talk as part of the "Covid-19 and the environment" course, April 2021.

- Rotary International, Working Together for a healthy Environment. June 2020

- Indecent Exposure? Investigating the relationship between pathogens and environmental agents. University of Rochester Environmental Medicine Seminar Series, April, 11, 2019.

- Novel Mechanisms of Nanomaterials, Seminar Series. University of Buffalo, April, 12, 2019.

- Cultivating Healthy Communities Through Nature-Based Initiatives, Environmental and Global Health Seminar Series, University of Florida, Feb 19, 2019.

- Threats to Water Sustainability and Re-use, Carnegie Mellon University, Cambridge, MA, November 29, 2018.

- Indecent Exposure? Investigating the relationship Nanomaterials and Pathogen Susceptibility, Division of Pulmonary, Critical Care and Sleep Medicine, May 2018.

- Indecent Exposure? Investigating the relationship between pathogens and environmental agents. Environmental Colloquium at the University of South Florida, Nov 7, 2018.

- Research, Innovation and Technology for African Development, U6 Conference, Cape Peninsula University of Technology, **Keynote**, September 3-6, 2018.

- Nano-Evolution: Balancing Safety and Applications of Nanotechnology in Aquatic Systems. Eighth International Symposium on Aquatic Animal Health (ISAAH-8), **Keynote**, 2018, Prince Edward Island.
- Novel Mechanisms fo Nanomaterials in Aquatic Species, University of Calgary, Edmonton, Alberta, Canada, September, 2017.

- National Academy of Sciences Webcast Workshop: Understanding Pathways to a Paradigm Shift in Toxicity Testing and Decision Making. Case Studies: Towards aquatic monitoring of emerging contaminants. November 20-21, 2017, Washington DC.

- Challenges and Opportunities for Women in Science: A U.S. Perspective. Society of Environmental Toxicology and Chemistry Africa, Women's Event October 17-19, Calabar, Nigeria, 2017.

- Impacts of fish gastrointestinal system on single-walled carbon nanotube-ethinylestradiol sorption behavior. Society of Toxicology and Chemistry (SETAC). Orlando, FL, Nov 2016.

- A role for phosphoproteomic approaches in investigating rapid hormonal signaling networks perturbed by environmental contaminants, Southeastern Society of Toxicology, **Keynote**, University of Georgia, October 2016.

- The Influence of Carbon Nanomaterials on Pathogen Susceptibility, University of California, Riverside, CA, Feb 3, 2016.

- The Influence of Carbon Nanomaterials on Pathogen Susceptibility, Clemson University, Nov 17, 2015.

- Modulation of Innate Immunity by Carbon Nanomaterials, Physiological Sciences Seminar Series, University of Florida, Sept 1, 2015.

- Evolution of Nanotoxicology: Progress and Setbacks Towards Understanding the Health and Safety of Contemporary Nanomaterials. Gordon Research Conference on Environmental Nanotechnology, **Keynote**, Stowe, VT, June 21-26, 2015.

- Cohen, M., Sabo-Attwood, T. Next Generation of Immuno-toxicologists, Japanese Society of Toxicology, Kobe, Japan July 2-4, 2014.

- Influence of Carbon Nanoparticles on Toll-like Receptor Activity and Pathogen Susceptibility. Symposium Session - Three Dimensions of Nanomaterial Pulmonary Toxicity: Innate Immunity, TLRs, and Inflammasomes, Society of Toxicology, Phoenix, AZ, March 23-27, 2014.

- Close encounters of an Infectious Kind: Investigating the Interplay between Nanoparticles and Pathogens. NanoFlorida, Gainesville, FL, September 29-30, 2013.

- Close Encounters of an Infectious Kind: The influence of Nanoparticles on Pathogens for the symposium - Rapidly Emerging Nanomaterials: Insuring Human and Environmental Health, Duke University, October 31, 2013.

- Investigating the Toxicity of Carbon Nanomaterials on Aquatic and Mammalian Systems. University of South Florida, October 4, 2013.

- Use of Molecular Bioassays in Aquatic Field Studies. Florida Fish and Wildlife Conservation Commission, June 28, 2013.

- Modulation of the vitellogenin receptor by xenoestrogens in largemouth bass. 7th International Symposium on Fish Endocrinology, Endocrine Disruption session, Buenos Aires, Argentina, Sept 3-6, 2012.

- Mechanisms of Xenoestrogens in Endocrine Disruption. AMCB retreat, Whitney Laboratory, ST. Augustine FL, March 30-31, 2012.

- Modulation of the First Line of Immune Defense by Nanoparticles; A Possible Role in Disease Susceptibility. Environmental Engineering, University of Florida, February 24, 2012.

- Differential estrogen receptor transcriptional complex formation in response to environmental estrogens. Physiological Sciences Seminar Series, University of Florida, Jan 31, 2012.

- The Slippery Slope of Engineered Nanomaterials; Finding a Balance Between Advancing Technology and Potential Toxicity. Kavli symposium supported by the National Academy of Sciences, Longbeach, CA, November 17-21, 2011.

- Regulation of the transcriptional control of the largemouth bass vitellogenin receptor by androgens and waste water effluent mixtures. Society of Toxicology and Chemistry (SETAC), Boston, MA, Nov 14 -17, 2011.

- Association of Age, Race, and Body Mass Index with Sex Steroid Hormone Marker Profiles among Men, National Health and Nutrition Examination Survey (NHANES III). American Public Health Association Annual Meeting, Washington, DC, Oct 31, 2011.

- Comparison of Methods for Sex Steroid Hormone Adjustment, National Health and Nutrition Examination Survey (NHANES III). American Public Health Association Annual Meeting, Washington, DC, Nov 1, 2011.

- Indecent Exposure? Investigating the relationship between pathogens and environmental agents. NIEHS workshop to examine the Interactions between Environmental Exposures and Infectious Agents in the Etiology of Human Disease, Raleigh, NC, September 11, 2011.

- Molecular Profiles in fish exposed to waste water effluent and irrigation run-off from golf course ponds. Pollutant responses in Marine Organisms (PRIMO), Longbeach, CA, May 15-19, 2011.

- Using Chemical and Genomic Fingerprints to Assess Aquatic Organisms in Contaminated Environments, National veterinary Scholars Symposium Merial-NIH Conservation Biology and State of the Art Medicine, Orlando, FL, August 6, 2011.

- Bayesian Adaptive Calibration and Variable Selection in Linear Models with Mismeasured Covariates, Eastern North American Region (ENAR), March 20- 23, 2011.

- Molecular Effects of Aqueous Contaminants on Fish Exposed to Wastewater Irrigated Golf Course Runoff in Coastal Stormwater Retention Ponds. 18th International Conference on Environmental Indicators, Hefei China, September 10-18, 2010.

- Nanomaterials and the Environment, InnoVenture Nanotechnology Community, USC, April 15, 2010.

- Nanomaterials and the Environment, InnoVenture Southeast 2010. Greenville, SC, May12-13, 2010.

- Nanomaterials; emerging contaminants, potential toxicity. Columbia College, April 5, 2010.

- Deciphering Signaling Networks Triggered by Asbestos and Implications for Pulmonary Fibrosis. Duke University, February 26, 2010.

- Environmental and Toxic Effects of Nanoparticles, International Conference of Biogeochemistry and Trace Elements, **Keynote,** Chihuahua, Mexico, July 13-17 2009.

- Stage specific toxicity of silver nano-colloids during development in medaka.

International Conference on Pollutant Responses in Marine Organisms, Bordeaux, France, 2009.

- Activity-directed analytical tools based on hormone receptor-affinity extraction for isolating dissolved EDCs from complex mixtures. International Conference on Pollutant Responses in Marine Organisms, Bordeaux, France, 2009.

- Mechanisms of Xenoestrogen Stress: A Proteomic and Functional Genomic Approach, Clemson University, September 14, 2009.

- Targeted Disruption of Pseudomonas aeruginosa Biofilms using Gold Nanorods, Brookhaven National Lab, Upton, NY, April 2009.

- Toxicity of Nanomaterials, USC Carolina Master Scholar Program for "Bionanotechnology", June 11, 2009.

- Nanomaterials: Emerging contaminants, potential toxicity, USC Department of Engineering, November 4, 2009.

Aquatic Toxicology of Silver Nano-colloids in Medaka Fish Model. Society of Environmental Toxicology and Chemistry, Tampa, FL, 2008.

- Characterization of the Biodegradation Products of Aircraft Anti- Icing Fluids and their Estrogenic Effects on Male Zebrafish (Danio rerio). 29th Annual Meeting of the Society of Environmental Toxicology and Chemistry, Tampa, FL, 2008.

- Xenoestrogen-dependence of human estrogen receptor interaction with coregulator proteins and the estrogen response element. 29th Annual Meeting of the Society of Environmental Toxicology and Chemistry, Tampa, FL, 2008.
- Nanotoxicology - small particles with unique toxicity from aquatic to human model systems. NCSU Workshop on Communicating Health and Safety Risks on Emerging Technologies in the 21st Century, McKimmon Center, North Carolina State University, Raleigh, NC, 2008.

- Environmental Toxicogenomics; Endocrine Disruption in Largemouth Bass Exposed to Xenoestrogens, Columbia Womens College, Columbia, SC, 2008.

- Plant Nanoparticle Interactions. USC Department of Biology seminar series, 2008.

- Public Forum on Nanotechnology, Rhetoric of Science and Technology, USC, Columbia, SC, 2008.

- USC Aiken Dept of Biology and Geology, Distinct Expression and Activity Profiles of Bass Genes in Response to Xenoestrogens, 2007.

- Science Café, Engenuity SC, Impacts of 'old' and 'emerging' airborne pollutants on human health: asbestos fibers and nanomaterials, 2007.

- Gene Profiling of Epithelial Cell Remodeling after Inhalation of Asbestos. American Physiological Society, Fort Lauderdale, FL, 2006.

- Transcriptional regulation of hclca1 and mucin production by lung epithelial cells in response to asbestos and smoke. Philip Morris External Research Symposium, Washington, D.C., 2006.

- USC Department of Chemistry and Biochemistry Seminar Series, Complex Regulation of Mucins in a Model of Asbestos-Induced Pulmonary Injury, 2006.

- USC Medical School Department of Immunology and Cell Biology, Inhalation Models of Airborne Particle-Induced Lung Injury, 2006.

- USC Department of Exercise Science Seminar Series, Epithelial cell-specific gene profiling in a model of asbestos-induced pulmonary injury, 2006.
- Savannah River Ecology Laboratory Seminar Series, Distinct Expression and Activity Profiles of Bass Genes in Response to Xenoestrogens, 2006.

SERVICE ACTIVITIES

- Appointed Associate Dean, Faculty Development, Cultural Affairs, Wellness Programs
- Department Chair, 2015-present. Major achievements include:
    - Maintained or increased extramural funding annually (2019 from 3.2M to 4.3M)
    - Curriculum evaluation and re-design
    - Implementation of distance learning masters program in Environmental Health/One Health; dual DVM-PhD program; undergraduate study abroad program
    - Increased enrollment in masters and doctoral programs and increased quality of applicants
    - Creation of seminar series and student council for the department
    - Mentorship of junior faculty
    - Expansion of faculty expertise with new hires (9 hires)

- Water Institute Faculty Advisory Committee Member, 2020

- Director of Wellness Initiatives, College of Public Health and Health Professions, 2019-present.

- Development of COVID testing laboratory, 2020

- COVID RAPID panel member for EPA, 2020

- University of Florida Institutional Review Board member, 2018-2019

- Served as a reviewer for tenure and promotion files (8 letters contributed from 2017-2020)

- Panel Member: Women in Science Event (for women in Africa), Nigeria (2017), Cape town, South Africa (2018).
- Elected President, South East Society of Toxicology, 2018-2019; held annual conference at UF with record attendance (>80 participants).
- Fellow, Executive Leadership in Academic Medicine, Drexel University, 2017-2018.
- Judge, Global Health Case Competition, University of Florida, 2017, 2018.
- Ladies for Ladies interactive seminar series, University of Florida, 2017.
- Director, EGH seminar series, 2014-present.
- Public Health Executive Committee, University of Florida, 2013-present.
- Executive Leadership Committee, University of Florida, 2013-present.
- Public Health Task Force, University of Florida, 2013-present.
- Organizing Committee, Gordon Research Conference on Nanotechnology, 2016-2017.
- Advisory Board; Environmental Science Nano Journal 2016.
- Appointed to the EPA Charted Science Advisory Board, 2016–present.
- Session Chair, Society of Toxicology and Chemistry, Salt Lake City, UT, Nov 1-5, 2015.
- Associate Editor, Nano Impact Journal, April 2015-present.
- Elected Junior Councilor, Society of Toxicology Special Section on Nanotoxicology Board, May 2015-present.
- Organizing committee, International Conference on Nanoscience and Nanotechnology in the Environment, USC, 2014.
- Organizing committee, NSF grantees meeting, Washington DC, Dec 4-5, 2013.
- Chair, EGH Curriculum Committee, 2013-present.
- Session Chair, NSF grantees meeting, Washington DC, Dec 4-5, 2013.
- Organizing Committee, InterAmerican Academy of Sciences – Horizons, Chihuahua, Mexico, Nov 2012-2016.
- Judge, MPH Research Presentation Day, University of Florida, 2011, 2012, 2013, 2014, 2015, 2018, 2019.

- Editorial Board, Frontiers in Genetics; Toxicogenomics, 2011-present.
- Public Health Marshall, University of Florida, 2011-2014.
- Public Health and Health Professions Executive Committee, 2011-present.
- Graduate Coordinator, Department of Environmental and Global Health, 2011-2012.
- Chair, faculty search committee for Department of Environmental and Global Health, 2011.
- Faculty search committee member, physiological sciences, 2011.
- Co-Chair, Linking properties of nanomaterials with effects, Society of Toxicology and Chemistry, Portland Oregon, November 2010.
- Co-Chair, International Conference on Nanoscience and Nanotechnology in the Environment, Clemson University, August 2010.
- Session Chair, International Conference on Nanoscience and Nanotechnology in the Environment, Clemson University, August 2010.
- Session Chair, Society of Environmental Toxicology and Chemistry, Portland OR, 2010.
- External Advisory Board Member, Center for the Environmental Implications of Nanotechnology, Duke University, 2010, 2011.
- Team leader Nano-Environmental Focus Group, USC NanoCenter, 2007-2010.
- Student Judicial Committee, University of South Carolina, 2009.
- Graduate Admissions Committee, University of South Carolina, 2008-2010.
- Faculty Senate Representative, University of South Carolina, 2007-2009.
- ASPH Research Advisory Committee (RAC), University of South Carolina, 2007-2009.
- ASPH Student Awards Committee, University of South Carolina, 2009.
- Judge for USC Science and Engineering Fair, Columbia, SC, 2009.
- Panel for Public Forum on Nanotechnology, University of South Carolina, 2008.
- Environmental Genomics Core Facility Technical Advisory Committee, University of South Carolina 2007.
- ASPH Graduate Student Orientation Program Session Co-chair, University of South

Carolina 2006-2007.

PANEL REVIEWER (Ad Hoc)

NSF SBIR panel reviewer, August 2020.
National Toxicology Review of Report for Carbon Nanotubes, May 2019
NIH/DKUS study section, 2021
NIH/NIEHS study section (SIEE), 2019, 2020
NIH/NHLBI study section (NANO), 2014, 2015, 2016, 2018, 2021
NIEHS Superfund Research Conference review panel, March 2016
National Toxicology Program Review Panel, Feb 2016
AAAS Research Competitiveness Program (KACST), Review Panel, 2015
Natural Environment Research Council (NERC), Ad hoc review, 2015
Clemson University Experiment Station Program, 2012
Research Programme Aristeia, Ad hoc review, 2012
EPA STAR Review Panel, 2012, 2015
NSF CBET Nanotechnology Ad hoc review, 2011, 2013, 2015, 2019
NSF CBET CAREER Review Panel, 2009, 2019, 2020
International Sciences and Technology Center (ISTC/U.S. Civilian Research and Development Foundation, Ad hoc review, 2006

JOURNAL REVIEWER

ACSNano
Analytical and Bioanalytical Chemistry
Aquatic Toxicology
Biology of Reproduction
Chemospehere
Comparative Biochemistry and Physiology
Ecotoxicology and Environmental Safety
Environmental Health Perspectives
Environmental Pollution
Environmental Science: Nano
Environmental Science and Technology
Environmental Toxicology and Chemistry
Experimental Lung Research
Frontiers Toxicogenomics
General and Comparative Endocrinology
John Wiley & Sons
Journal of the American Chemical Society
Journal of Molecular Endocrinology
Molecular Oncology
Nanomaterials
Nanotoxicology
PNAS
PLOS One

Royal Society of Chemistry Advances
Scientific Reports
Toxicology and Applied Pharmacology
Toxicological Sciences

PUBLISHED ABSTRACTS

1. S. Shankar, K. Mital, G. Lewis, A. Fernandez, T. Sabo-Attwood, CY. Wu (2022). Assessment of Scanning Mobility Particle Sizer (SMPS) for online monitoring of delivered dose in an in vitro aerosol exposure system. American Association for Aerosol Research Conference, October 2022.
2. A. O'Conner, K. Overdahl, L. Ferguson. T. Sabo-Attwood (2022). Exploring the toxicity of azobenzene disperse dyes following exposure to lung cells. Society of Toxicology Conference, March 2022.
3. K. Clarke, E. Coker, T. Sabo-Attwood, K. Ash (2022). Creating a social vulnerability index for Uganda and determining the spatially varying relationship between PM2.5 exposure and social vulnerability. Society of Toxicology Conference, March 2022.
4. N. Madani, J. Ulrich, M. Dickenson, J. Bisesi, P.L. Ferguson and T. Sabo-Attwood (2020). Application of Effects Directed Analysis and Non-Target Mass Spectrometry to Complex Mixtures from Developing Country Water Samples. SETAC annual conference.
5. N. Madani, J. Ulrich, M. Dickenson, J. Bisesi, P.L. Ferguson and T. Sabo-Attwood (2020). Applying Non-Target Mass Spectrometry to Analyze Complex Chemical Mixtures in Water Samples from Developing Countries to Developed Countrie. SE-SETAC annual conference.
6. N. Madani, J. Ulrich, M. Dickenson, J. Bisesi, P.L. Ferguson and T. Sabo-Attwood (2020) Analysis Of Chemical Fingerprints In Complex Haitian Water Mixtures, 7th biennial UF Water Institute Symposium. Feb 25-26 2020.
7. Sripriya Nannu Shankar, Trevor B. Tilly, Alyssa F. Morea, Sarah E. Bisesi, Arantza Eiguren-Fernandez, Tara L. Sabo-Attwood, Chang-Yu Wu. Toxicity of Nanoparticles Exposed at the Air-Liquid Interface of Lung Cells: Localized vs. Distributed Deposition. 38th Annual conference conducted by American Association for Aerosol Research, 2020.
8. T. Sabo-Attwood, S. T. Humes, L. Ingram, M. Finnerty, J. A. Lednicky, Brian S. Cummings. Changes in cellular and secreted lipids after exposure to single-walled carbon nanotubes have impacts on susceptibility to influenza A virus. Society of Toxicology Annual Conference, 2020.
9. S. T. Humes, S.E. Robinson, N. Madani, H. Chen, C. Silva Sanchez, K.J. Kroll, N.D. Denslow, Tara Sabo-Attwood. Demonstration of protein adduct formation on neuronal proteins after exposure to 1-bromopropane. Society of Toxicology Annual Conference, 2020.

10. Identification of Chemical Fingerprints in Complex Water Samples from Haiti Nima J Madani1, Jacob Ulrich2, Melanie Dickerson1, Joseph H Bisesi1, Lee P Ferguson2, Tara Sabo-Attwoo Public Health and Health Professions (PHHP) Research Day, University of Florida, Gainesville, Florida, April 4, 2019.

11. Humes, S.T., Prins, C., Iovine, N., Lednicky, J.A., & Sabo-Attwood, T. "Evaluating Associations Between Lipid Markers and Respiratory Infection Status in Human Sputum Samples," Public Health and Health Professions (PHHP) Research Day, University of Florida, Gainesville, Florida, April 4, 2019.

12. Nancy Denslow, Candice Lavelle, L. Cody Smith, Joseph H. Bisesi Jr, Cecilia Silva-Sanchez, Amanda N. Buerger, Natàlia Garcia-Reyero, Tara Sabo-Attwood. Proteogenomics of Fathead Minnow (Pimephales Promelas) as a First Step To Identify Transcript Variants Of Importance To Neuroendocrinology. Session, Computational Tools in Comparative Endocrinology, NASCE, University of Florida, 2019.

13. Trevor B. Tilly, Ryan X. Ward, Jiva K. Luthra, Sarah Robinson, Arantzazu Eiguren-Fernandez, Gregory S. Lewis, Richard L. Salisbury, John A. Lednicky, Tara L. Sabo-Attwood, Saber M. Hussain, Chang-Yu Wu. Condensational particle growth device for reliable cell exposure at the air-liquid interface to nanoparticles, American Association for Aerosol Research 37th annual conference, Portland, OR, October 2019.

14. Trevor B. Tilly, Ryan X. Ward, Jiva K. Luthra, Sarah Robinson, Arantzazu Eiguren-Fernandez, Gregory S. Lewis, Richard L. Salisbury, John A. Lednicky, Tara L. Sabo-Attwood, Saber M. Hussain, Chang-Yu Wu. Condensational particle growth device for reliable cell exposure at the air-liquid interface to nanoparticles. Conference on Inhaled Aerosol Dosimetry: Models, Applications and Impact, October 10-12, 2019, The Arnold and Mabel Beckman Center of the National Academies of Sciences and Engineering, Irvine CA.

15. Humes, S.T., Robinson, S.E., Madani, N., Chen, H., Silva Sanchez, C., Kroll, K.J., Denslow, N.D., & Sabo-Attwood, T. "Investigation of protein adduct formation as mechanism of neurotoxicity in rats exposed to 1-bromopropane," Society of Toxicology Annual Meeting, Baltimore, MD, March 10-14, 2019.

16. Sabo-Attwood, T., Humes, S.T., Chen, H., Lednicky, J.A., Denslow, N.D. "Single-walled carbon nanotubes perturb lipid metabolism and signaling resulting in increased susceptibility to influenza A virus infection" Society of Toxicology Annual Meeting, Baltimore, MD, March 10-14, 2019.

17. Humes, S.T., Loeb, J., Prins, C., Iovine, N., Lednicky, J.A., & Sabo-Attwood, T. "Exploring Lipid Profiles and the Use of Multiplex PCR Assays in Human Sputum Samples," Emerging Pathogens Institute Research Day, University of Florida, Gainesville, Florida, February 7, 2019.

18. Trevor B. Tilly, Ryan X. Ward, Jiva K. Luthra, Sarah Robinson, Arantzazu Eiguren-Fernandez, Saber M. Hussain, Tara L. Sabo-Attwood, John A. Lednicky, Chang-Yu Wu. Application of DAVID Cell Exposure System for Toxicity Analysis of Nanoparticles at

the Air-Liquid Interface. Southeastern Regional Chapter of Society of Toxicology (SESOT) Fall Meeting, University of Florida, Gainesville, Florida, October 25-26, 2018.

19. Chen, H, Humes, ST, Rose, M, Robinson, SE, Loeb, JC, Sabaraya, IV, Smith, LC, Saleh, NB, Castleman, WL, Lednicky, JA, Sabo-Attwood, T. Multi-walled carbon nanotubes modulate immune responses and exacerbate pulmonary injury in influenza A virus infected mice. Southeastern Regional Chapter of Society of Toxicology (SESOT) Fall Meeting, University of Florida, Gainesville, Florida, October 25-26, 2018.

20. Humes, S.T., Robinson, S.E., Madani, N., Chen, H., Kroll, K.J., Denslow, N.D., & Sabo-Attwood, T. "Exposure to 1-bromopropane alters gait by causing symptoms of hind limb paralysis in rats," Southeastern Regional Chapter of Society of Toxicology (SESOT) Fall Meeting, University of Florida, Gainesville, Florida, October 25-26, 2018.

21. Trevor B. Tilly, Ryan X. Ward, Jiva K. Luthra, Sarah Robinson, Arantzazu Eiguren-Fernandez, Saber M. Hussain, Tara L. Sabo-Attwood, John A. Lednicky, Chang-Yu Wu. Optimization of DAVID Cell Exposure System for Toxicity Analysis of Nanoparticles at the Air-Liquid Interface. International Aerosol Conference, Sept 2018.
22. Ryan X. Ward, Trevor B. Tilly, Sarah Robinson, Arantzazu Eiguren-Fernandez, Tara L. Sabo-Attwood, John A. Lednicky, Chang-Yu Wu. Reducing toxicity of welding fume particles by amorphous silica encapsulation. International Aerosol Conference, Sept 2018.

23. Humes, S.T., Chen, H., Lednicky, J.A., & Sabo-Attwood, T. "Impact of Emerging Contaminants, Specifically Carbon Nanotubes, on Host Lipid Metabolism and Immune Responses Following Influenza A Virus Infection," Public Health and Health Professions (PHHP) Research Day, University of Florida, Gainesville, Florida, April 6, 2018.

24. Humes, S.T., Chen, H., Lednicky, J.A., Dang, V., Denslow, N., & Sabo-Attwood, T. "Impacts of Single-Walled Carbon Nanotubes on Host Lipid Metabolism and Immune Responses Following Influenza A Virus Infection," Society of Toxicology Annual Meeting, San Antonio, Texas, March 11-15, 2018.

25. Humes, S.T., Chen, H., Lednicky, J.A., & Sabo-Attwood, T. "Impacts of Single-Walled Carbon Nanotubes on Host Lipid Metabolism and Its Role in Immune Responses Following Influenza A Virus Infection," Emerging Pathogens Institute Research Day, University of Florida, Gainesville, Florida, February 15, 2018.

26. 1 day workshop: Challenges and Opportunities for Women in Science: A U.S. Perspective. Society of Environmental Toxicology and Chemistry Africa, Women's Event October 17-19, Calabaar, Nigeria, 2017.

27. Jake C. Ulrich, Nima Madani, Tara Sabo-Attwood, P. Lee Ferguson. Identification of polar organic contaminants in Haitian waters using high-resolution mass spectrometry and non-targeted screening methods. American Society of Mass Spectrometry. June, 2018.

28. Sarah Robinson, Thuy Ngo, Joseph Bisesi, and Tara Sabo-Attwood. Chronic dietary exposure of largemouth bass to single-walled carbon nanotubes impacts growth. South East Society of Toxicology and Chemistry, October 2017.

29. Hao Chen, Julia C Loeb, Sara T Humes, Sarah E Robinson, John A Lednicky, Tara Sabo-Attwood. Single-walled carbon nanotubes inhibit innate antiviral immune responses through oxidative stress in vitro. Southeast Society of Toxicology, Oct. 2017.

30. Hao Chen, Sara T Humes, Julia C Loeb, Sarah E Robinson, John A Lednicky, Tara Sabo Attwood. Role of Oxidative Stress in SWCNT Inhibited Innate Immune Responses to Viral Infections in vitro. Emerging Pathogens Institute Research Day at the University of Florida, Feb. 2018.
31. Hao Chen, Sara T Humes, Julia C Loeb, Sarah E Robinson, John A Lednicky, Tara Sabo-Attwood. Single-walled Carbon Nanotubes Inhibit RIG-I/MAVS Innate Immune Pathway through Oxidative Stress in vitro. Society of Toxicology, Mar. 2018.
29. Hao Chen, Sara T Humes, Julia C Loeb, Sarah E Robinson, John A Lednicky, Tara Sabo-Attwood. Single-walled Carbon Nanotubes Inhibit Innate Antiviral Immune Response through Oxidative Stress in vitro. PHHP research day at the University of Florida, Apr. 2018.

30. Humes, S.T., Chen, H., Lednicky, J.A., & Sabo-Attwood, T. "Impact of Emerging Contaminants, Specifically Carbon Nanotubes, on Host Lipid Metabolism and Immune Responses Following Influenza A Virus Infection," Public Health and Health Professions (PHHP) Research Day, University of Florida, Gainesville, Florida, April 6, 2018.

31. Humes, S.T., Chen, H., Lednicky, J.A., Dang, V., Denslow, N., & Sabo-Attwood, T. "Impacts of Single-Walled Carbon Nanotubes on Host Lipid Metabolism and Immune Responses Following Influenza A Virus Infection," Society of Toxicology Annual Meeting, San Antonio, Texas, March 11-15, 2018.

32. Humes, S.T., Chen, H., Lednicky, J.A., & Sabo-Attwood, T. "Impacts of Single-Walled Carbon Nanotubes on Host Lipid Metabolism and Its Role in Immune Responses Following Influenza A Virus Infection," Emerging Pathogens Institute Research Day, University of Florida, Gainesville, Florida, February 15, 2018.

33. Humes, S.T., Chen, H., Lednicky, J.A., Dang, V., Denslow, N., & Sabo-Attwood, T. "Impacts of Single-Walled Carbon Nanotubes on Host Lung Lipidome and Interferon-Induced Immune Responses Following Infection with Influenza A Virus," Southeastern Regional Chapter of Society of Toxicology (SESOT) Fall Meeting, Fort Valley State University, Fort Valley, Georgia, October 19-20, 2017.

34. Trevor B. Tilly, Jiva Luthra, Sarah Robinson, Arantzazu Eiguren-Fernandez, Gregory S. Lewis, Saber M. Hussain, Tara Sabo-Attwood, Chang-Yu Wu. Condensation Particle Growth for Improved Delivery of Nanoaerosols to Air-Liquid Interface (ALI) Cell Culture. American Association for Aerosol Research (AAAR), October 16-20, 2017, Raleigh, North Carolina.

35. C. Smith, D. Porter, T. Sabo-Attwood. Pro-Fibrogenic and Estrogen Receptor Signaling Pathways Converge in Lung Epithelial Cells. ATS International Conference Washington, DC, May 2017.

36. T. Sabo-Attwood, H. Chen, S. Humes, J Lednicky. Nanotubes suppress the pulmonary immune response and increase viral infectivity of exposed mice. ATSATS International Conference Washington, DC, May 2017.

37. C. Smith, S. Moreno, D. Porter, T. Sabo-Attwood. The Convergence of Fibrogenic and Estrogen Receptor Signaling Pathways: A Target for Multi-Walled Carbon Nanotubes, SOT Baltimore, MA, March 2016.

38. Hao Chen, Julia C Loeb, Sara T Humes, Sarah E Robinson, John A Lednicky, Tara Sabo-Attwood. Single-walled Carbon Nanotubes Increases Influenza A Virus Infectivity through Oxidative Stress in vitro. SOT Baltimore, MA, March 2016.

39. S.T. Humes, H. Chen, X. Zheng, J.A. Lednicky, V. Dang, N. Denslow, T. Sabo-Attwood. Impacts of Single-Walled Carbon Nanotubes on Lipid Composition and Host Immune Responses Following Infection with Influenza A Virus. SOT Baltimore, MA, March 2016.

40. Nicholas, J.N., H. Chen, J.H. Bisesi, K. Lu, P.L. Ferguson, W.L. Castleman, D. Bolser, T. Sabo-Attwood. Near Infrared Fluorescence Imaging and Quantitation Reveal Biopersistence of Single-Walled Carbon Nanotubes in Murine Lung. Platform Presentation. Young Environmental Scientist Meeting, Gainesville, FL. March 2016.

41. Haley Johnson, Sarah E Robinson, Alyssa Simons, Ankush Bikkasani, Andy Kane Joseph H Bisesi Jr, Tara Sabo-Attwood. Novel Mechanisms of Nanomaterial Toxicity through Direct Exposure or Indirect Interactions with Environmental Components. Society of Toxicology and Chemistry (SETAC). Orlando, FL, November, 2016.

42. S.T. Humes, H. Chen, S. Hentschel, X. Zheng, J.A. Lednicky, V. Dang, N. Denslow, T. Sabo-Attwood. Influence of Nanomaterials on Pandemic Influenza Virus Infection. CEEZAD Conference, Kentucky, Oct 2016.

43. Sohail, M, Johnson, H, Robinson, SE, Lavelle, C, Sabo-Attwood, T. Optimizing immune endpoints in the Fathead minnow model. Southeast Regional SETAC Conference. Gainesville, FL, October 2016.

44. Bisesi, JH, Robinson, SE, Ferguson, PL,, Denslow, ND, Sabo-Attwood, T. Hormone Receptor Bioanalytical Assays As Indicators Of Endocrine Disrupting Potential: Case Studies From The Field And Laboratory. Society of Toxicology and Chemistry (SETAC). Orlando, FL, Nov 2016.

45. Bisesi, J.H., T. Ngo, B. Castillo, C.M. Lavelle, S.E. Robinson, H. Crosby, N. Saleh, P.L. Ferguson, N.D. Denslow, T. Sabo-Attwood. Fish gastrointestinal systems alter the sorption of organic contaminants to single-walled carbon nanotubes. 9th International Conference on the Environmental Effects of Nanoparticles and Nanomaterials. Golden,

CO, Oct 2016.

46. Andreacchio, N, Lavelle, C, Sabo-Attwood, T, Denslow, ND. Behavioral and Reproductive Implications of Nanomaterial and Synthetic Estrogen Co-Exposures in Fish. Southeast Regional SETAC conference. Gainesville, FL, Nov 2016.

47. LC Smith, CM Lavelle, Fahong Yu, Cecilia Silva-Sanchez, Natalia Garcia Reyero, Joseph H Bisesi, Nancy Denslow, Tara Sabo-Attwood. Tissue-based mapping of the fathead minnow (Pimephales promelas) transcriptome and proteome. Society of Toxicology and Chemistry (SETAC). Orlando, FL, Nov 2016.

48. S. Robinson, H. Johnson, J. Bisesi, NB. Saleh, T. Sabo-Attwood. Novel toxicity associated with emerging hybrid nanomaterials in aquatic systems. Society of Toxicology and Chemistry (SETAC). Orlando, FL, Nov 2016.

49. Sabo-Attwood T, Robinson, Bisesi, JH, S, Saleh, NB, Ferguson, L, Denslow, ND. Impacts of fish gastrointestinal system on single-walled carbon nanotube-ethinyl estradiol sorption behavior. Society of Toxicology and Chemistry (SETAC). Orlando, FL, Nov 2016.

50. Bisesi Jr, Joseph H., Sit, Ho Fei, Robinson, Sarah E., Ferguson, P. Lee, Sabo-Attwood, Tara. gastrointestinal tracts influence the sorption of organic contaminants to single-walled carbon nanotubes. Challenges in assessing chemical contamination of water in resource poor countries: Lessons learned during field sampling in Haiti. Society of Toxicology and Chemistry (SETAC). Orlando, FL, Nov 2016.

51. Humes, ST 1, Lavelle, CM 1, Hentschel, S 2, Smith, LC 1, Sabo-Attwood T 1. Overcoming Carbon Nanomaterial Interference in qRT-PCR Assessments of Gene Expression Changes in Exposure Experiments. Southeast Regional SETAC Conference. Gainesville, FL, October 2016

52. Chen, H., X. Zheng, J. Nicholas, J.C. Loeb, J.H. Bisesi, S. Robinson, J.A. Lednicky, T. Sabo-Attwood. Single-walled carbon nanotubes induce suppressed pulmonary immune response and increased viral infectivity on exposed mice. Platform Presentation. Young Environmental Scientist Meeting, Gainesville, FL. March 2016.

53. Gupta S, Robinson, S, Sabo-Attwood, T. The Effects of Nanohybrid Particles on Growth and Mortality of Fathead Minnows. SSTP Research Symposium, July 2016.

54. L. Cody Smith, Candice Lavelle, Cecilia Silva-Sanchez, Nancy Denslow, Tara Sabo-Attwood. Ethinylestradiol and Levonorgestrel Activate Divergent Signaling Pathways with Distinct Protein Targets in the Brains of Male Fathead Minnows. Young Environmental Scientist Meeting, Gainesville, FL, March, 2016.

55. S.Hentschel, H. Chen, J. Loeb, J. Lednicky, and T.Sabo-Attwood. Carbon Nanoparticles Modulate Viral Infectivity: A Role for Sialic Acid Receptors. Society of Toxicology, New Orleans, LA, March, 2016.

56. H. Chen, X. Zheng, J. Nicholas, J.C. Loeb, J.H.Bisesi, S. Robinson, J.A. Lednicky, and T. Sabo-Attwood. Single-Walled Carbon Nanotubes Suppress the Pulmonary Immune Response and Increase Viral Infectivity of Exposed Mice. Society of Toxicology, New Orleans, LA, March, 2016.

57. J.N. Nicholas, H. Chen, J. Bisesi, P.L.Ferguson, K. Lui, D. Bolser, J. Lednicky, and T. Sabo- Attwood. Utilization of Near Infrared Fluorescence Imaging to Track and Quantify Pulmonary Retention of Single-Walled Carbon Nanotubes in Mice. Society of Toxicology, New Orleans, LA, March, 2016.

58. LC Smith and T Sabo-Attwood. Multi-Walled Carbon Nanotubes Down-Regulate Estrogen Receptor Alpha Gene Expression in Human Lung Epithelial Cells: A Potential Role for Transforming Growth Factor. Society of Toxicology, New Orleans, LA, March, 2016.

59. H. Chen, X. Zheng, J. Nicholas, J.C. Loeb, J.H.Bisesi, S. Robinson, J.A. Lednicky, and T. Sabo-Attwood. Single-Walled Carbon Nanotubes Suppress the Pulmonary Immune Response and Increase Viral Infectivity of Exposed Mice. UF EPI research Day, Feb 2016.

60. S.Hentschel, H. Chen, J. Loeb, J. Lednicky, and T.Sabo-Attwood. Carbon Nanoparticles Modulate Viral Infectivity: A Role for Sialic Acid Receptors. UF EPI Research Day, Feb 2016.

61. L. Cody Smith, Candice Lavelle, Cecilia Silva-Sanchez, Nancy Denslow, Tara Sabo-Attwood. Ethinylestradiol and Levonorgestrel Activate Divergent Signaling Pathways with Distinct Protein Targets in the Brains of Male Fathead Minnows. UF Genetics Research Day , Gainesville, FL, November 2015.

62. C.M. Lavelle, J.H. Bisesi, N. Saleh, T. Waltzek, T. Sabo-Attwood. Viral Interactions with Carbon Nanomaterials and the Applicability to Aquaculture. USDA Fellows Conference, Washington, DC, August 4, 2015.

63. Sabo-Attwood, Tara, Bisesi Jr, Joseph H, Rheingans, R, Okech, B, Robinson, Sarah E., Ferguson, PL. Ali, A, Kane, A. Expanding environmental toxicology in One Health by studying the role of contaminants in complex health problems; case studies in Haiti and Kenya. Society of Toxicology and Chemistry, Salt Lake City, UT, Nov 1-5, 2015.

64. Bisesi, JH, Ngo,T, Castillo, B, Lavelle, CM, Robinson, SE, Saleh, NB, Ferguson, PL, Denslow, ND, Sabo-Attwood, T. Impacts of fish gastrointestinal system pH on single-walled carbon nanotube-ethinyl estradiol sorption behavior. Society of Toxicology and Chemistry, Salt Lake City, UT, Nov 1-5, 2015.

65. Crosby, Hayleigh M, Robinson, Sarah E., Lavelle, Candice M, Ferguson, P. Lee, Bisesi Jr, Joseph H. Sabo-Attwood, Tara. Examination of the interactions of fish gastrointestinal and plasma proteins with single-walled carbon nanotubes using near infrared fluorescence. Society of Toxicology and Chemistry, Salt Lake City, UT, Nov 1-5, 2015.

66. C.M. Lavelle, J.H. Bisesi, N. Saleh, T. Waltzek, T. Sabo-Attwood. Viral Interactions with Carbon Nanomaterials and the Impact on Fish Toxicity. Society of Toxicology and Chemistry, Salt Lake City, UT, Nov 1-5, 2015.

67. Ngo, T., B. Castillo, C.M. Lavelle, S.E. Robinson, N.B. Saleh, P.L. Ferguson, N.D. Denslow, T. Sabo-Attwood, J.H. Bisesi. Impacts of fish gastrointestinal system pH on single-walled carbon nanotube-ethinyl estradiol sorption behavior. Poster, North America SETAC Meeting. Salt Lake City, UT. November 2015

68. Bisesi, J.H., T. Ngo, B. Castillo, K. Blanzy, M. Dickenson, S. Peterson, S.E. Robinson, P.L. Ferguson, N.D. Denslow, B. Okech, T. Sabo-Attwood, Screening for estrogenic activity using in vitro hormone receptor assays: case studies from the field and laboratory. Platform Presentation, SE SETAC Meeting, Pensacola, FL, September 2015

69. L. Cody Smith, Candice Lavelle, Cecilia Silva-Sanchez, Fahong Yu, Nancy D. Denslow, Tara Sabo-Attwood. Optimizing a LC-MS/MS-Based Phosphoproteomic Analysis. Society of Toxicology and Chemistry, Salt Lake City, UT, Nov 1-5, 2015.

70. Denslow N, Martyniuk, CJ, Sabo-Attwood T. Pipeline for the Identification of Non-Genomic Signaling Pathways Activated by Contaminant Exposure in Aquatic Species. Society of Toxicology and Chemistry, Salt Lake City, UT, Nov 1-5, 2015.

71. Denslow, N.D., Lavelle, C. Smith, L.C., Sabo-Attwood, T., Martyniuk, CJ. Integrative molecular responses of estrogens in the teleost brain. North American Society for Comparative Endocrinology. Ottawa, Canada, June 21-25, 2015.

72. Denslow, N.D., Lavelle, C. Smith, L.C., Kroll, K. J., Garcia-Reyero, N., Sabo-Attwood, T., Martyniuk, C. J. Transcriptomic response of FHM brain to estrogens and androgens. Society of Experimental Biology, Omics session, Prague, Czech Republic, June 2015.

73. Bisesi, JH; Ngo, T; Lavelle, CM, Liu, K, ; Ferguson, PL; Denslow, ND; Saleh, NB; Sabo-Attwood, T. Interactions of Single-Walled Carbon Nanotubes with Nutrients: Potential Implications For Aquatic Foodwebs, PRIMO, Norway, June 22-26, 2015.

74. Bisesi, JH; Ngo, T; Castillo, B; Blanzy, K; Dickenson, M; Peterson, S; Robinson, SE; Ferguson, PL; Denslow, ND; Okech, B; Sabo-Attwood, T. Hormone Receptor Binding And Activation As An Indicator Of Endocrine Disrupting Potential: Case Studies From The Field And Laboratory. PRIMO, Norway, June 22-26, 2015.

75. Sabo-Attwood T, Smith L, Lavelle C, Denslow N, Silva-Sanchez C. Probing the Phosphoproteome in Ecotoxicology: A Case study Identifying Signaling Pathways in the Brains of Fathead Minnows. PRIMO, Norway, June 22-26, 2015.

76. L. Cody Smith, Candice Lavelle, Cecilia Silva-Sanchez, Nancy Denslow, Tara Sabo-Attwood. Levonorgestrel and Ethinylestradiol Activate Rapid Signaling Pathways in the Brains of Male Fathead Minnows. Young Environmental Scientist Conference, Serbia,

March 2015.

77. Zheng X, Sabo-Attwood T. Enhanced Influenza Virus Infectivity through Suppression of Toll-Like Receptor Activity by Single-Walled Carbon Nanotubes. Society of Toxicology, San Diego, CA. March 22-26, 2015.

78. Sabo-Attwood, T. Influence of Carbon Nanoparticles on Toll-like Receptor Activity and Pathogen Susceptibility, Society of Toxicology, San Diego, CA. March 22-26, 2015.

79. L. Cody Smith and Tara Sabo-Attwood. The impact of estrogens on epithelial to mesenchymal transition in lung cells. Society of Toxicology, San Diego, CA. March 22-26, 2015.

80. Joseph H. Bisesi Jr, Thuy Ngo, Nirupam Aich, Navid Saleh, Tara Sabo-Attwood. Analysis of the contributions of component materials to the toxicity of hybrid nanomaterials. Environmental Effects of Nanoparticles and Nanomaterials (ICEENN), University of South Carolina, Columbia, SC, Sept. 7 – 11, 2014.

81. Joseph H. Bisesi Jr, Candice Lavelle, Kiera Liu, Lee Ferguson, Navid Saleh, Nancy Denslow, Tara Sabo-Attwood. Examination of the potential for single-walled carbon nanotubes to limit nutrient uptake by comparing gastrointestinal gene expression profiles during fish feeding studies. Environmental Effects of Nanoparticles and Nanomaterials (ICEENN), University of South Carolina, Columbia, SC, Sept. 7 – 11, 2014.

82. L. Cody Smith, Candice Lavelle, Cecilia Silva-Sanchez, Nancy Denslow, Tara Sabo-Attwood, Quantitative Changes in the Phosphoproteome in the Brains of Male Fathead Minnows Exposed to Ethynyl Estradiol and Levonogestrol using iTRAQ; The Struggle Is Real! Society of Toxicology and Chemistry (SETAC), Vancouver, CA, November 9-13, 2014.

83. Tara Sabo-Attwood, Gustavo Dominguez, Joseph Bisesi, B. Sumith Jayasinghe and Nancy D. Denslow. A role for both soluble and membrane estrogen receptors in reproductive processes in fish. Society of Toxicology and Chemistry (SETAC), Vancouver, CA, November 9-13, 2014.

84. Bisesi JH, Castillo B, Lavelle CM, Denslow ND, Ferguson PL, Sabo-Attwood T. Nanoparticle-contaminant interactions in the environment: A case study of the potential for single-walled carbon nanotubes to suppress xenoestrogen effects in fish. Society of Toxicology and Chemistry (SETAC), Vancouver, CA, November 9-13, 2014.

85. Blake Castillo, Joseph Bisesi, Tara Sabo-Attwood. Single-Walled Carbon Nanotubes (SWCNTs) Impact the Classic Effects of Chemical Contaminants: A Mechanistic Examination of Co-Exposures to Ethinylestradiol and SWCNTs in Fish. SACNAS, Los Angeles, CA, October 16-18, 2014.

86. Justine Nicholas, Joseph Bisesi,, Xiao Zheng, Donald Bolser, Tara Sabo-Attwood. Pulmonary Clearance and Quantification Of Single-Walled Carbon Nanotubes (Swcnts) In Mice. SACNAS, Los Angeles, CA, October 16-18, 2014.

87. Cruz Ortiz Jr., Tara Sabo-Attwood, Jun Wang, Chang-Yu Wu. Validating The Use Of A Silica Precursor To Mitigate Nano-Sized Metal Particle Toxicity In The Respiratory System. SACNAS, Los Angeles, CA, October 16-18, 2014.

88. Nancy D. Denslow, B. Sumith Jayasinghe, Kevin J. Kroll, Natàlia Garcia-Reyero, Tara Sabo-Attwood. Hepatic vitellogenin induction in fathead minnows is influenced through both soluble estrogen receptors and membrane receptors. SETAC Europe, Basil Switzerland, May 11-15, 2014.

89. Joseph H. Bisesi Jr, Blake Castillo, Candice Lavelle, Lee Ferguson, Nancy Denslow, Tara Sabo-Attwood. Effects of co-exposure of single walled carbon nanotubes and ethinyl estradiol on estrogen receptor binding, activation, and downstream responses in fish. SETAC Europe, Basil Switzerland, May 11-15, 2014.

90. Tara Sabo-Attwood, Joseph H. Bisesi Jr, Candice Lavelle, Lee Ferguson, Navid Saleh, Nancy Denslow. In vivo tracking of single walled carbon nanotubes and their modulation of nutrient transport and processing genes during fish feeding studies. SETAC Europe, Basil Switzerland, May 11-15, 2014.

91. Tara Sabo-Attwood, Pallab Sanpui, Xiao Zheng, Julia Loeb, John Lednicky, Navid Saleh and Nabiul Afrooz. Influence of Carbon Nanoparticles on Toll-like Receptor Activity and Pathogen Susceptibility. Society of Toxicology, Phoenix, AZ, March 23-27, 2014.

92. X. Zheng, N. Afrooz, N. Saleh, J Bisesi and T. Sabo-Attwood. Modulation of Toll-Like Receptor Activity by Pristine Single-Walled Carbon Nanotubes with Distinct Chiral Enrichment. Society of Toxicology, Phoenix, AZ, March 23-27, 2014.

93. Smith, LC, McGee, SP, Zhang, H, Karmaus, W, Sabo-Attwood, T. Sex Differences in Gene Expression Profiles in Individuals with Idiopathic Pulmonary Fibrosis; Potential Targets of Xenoestrogens? Society of Toxicology, Phoenix, AZ, March 23-27, 2014.

94. Tara Sabo-Attwood, Joseph H. Bisesi Jr, Blake Castillo, Lee Ferguson, Navid Saleh, Nancy Denslow. Impact of Nanomaterials on Growth and Reproductive Parameters in Fish. NSF Nanoscale Science and Engineering Grantees Conference, Arlington, VA, December 4-6, 2013.

95. Bisesi, JH, Ponnavolu, S, Liu, K, Afrooz, N, Saleh, N, Ferguson, PL and Sabo-Attwood. Effects of single walled carbon nanotubes on the expression of genes responsible for digestive enzyme release, lipid hydrolysis, and peptide transport during fish feeding studies. Society of Toxicology and Chemistry (SETAC), Nashville, TN, November 16-21, 2013.

96. B. Sumith Jayasinghe, Kevin J. Kroll, Nancy Denslow, and Tara Sabo-Attwood. Exposure to G-1, a selective agonist for GPER, results in changes in gene expression in adult fathead minnow liver and brain tissues. Society of Toxicology and Chemistry (SETAC), Nashville, TN, November 16-21, 2013.

97. L. Cody Smith, Candice Lavelle, Cecilia Silva-Sanchez, Nancy Denslow, Tara Sabo-Attwood. Advancing the Systems Biology Approach in Ecotoxicology Studies with Non-Gel Based Phosphoproteomics, Society of Toxicology and Chemistry (SETAC), Nashville, TN, November 16-21, 2013.

98. Lee Ferguson, Tara Sabo-Attwood, Alan Kolok, Kimberly Ralston-Hooper, Gordon Getzinger, Alvina Mehinto, Nancy Denslow, Gustavo Dominguez, Katherine Stencel, Sean McGee, Audrey Bone. Assessing effects of organic micropollutant mixtures in coastal stormwater retention ponds impacted by runoff from a wastewater-irrigated golf course. Society of Toxicology and Chemistry (SETAC), Nashville, TN, November 16-21, 2013.

99. Bisesi, JH, Ponnavolu, S, Liu, K, Afrooz, N, Saleh, N, Ferguson, PL and Sabo-Attwood, T. Do single walled carbon nanotubes decrease nutrient uptake during fish feeding studies? NanoFlorida, Gainesville, FL, September 29-30, 2013.

100. Cruz Ortiz Jr.[1]; Sabo-Attwood, T.[3], Wang, J.[2], Wu, C.-Y.[1] Toxicity Mitigation of Metal Nanoparticles by using a Silica Precursor. NanoFlorida, Gainesville, FL, September 29-30, 2013.

101. Xiao Zheng, Pallab Sanpui, John Lednicky, Julia Loeb, Tara Sabo-Attwood. Modulation of Toll-like Receptor Activity and Expression by Single-walled Carbon Nanotubes. NanoFlorida, Gainesville, FL, September 29-30, 2013.

102. Sabo-Attwood T. Close encounters of an Infectious Kind: Investigating the Interplay between Nanoparticles and Pathogens. NanoFlorida, Gainesville, FL, September 29-30, 2013.

103. P. Sanpui, J. Loeb, J. Lednicky, N. Saleh, and T. Sabo-Attwood. Single-Walled Carbon Nanotubes Increase Influenza Virus Infectivity in Lung Cells. Society of Toxicology Conference, San Antonio, TX, March 10-14, 2013.

104. L. C. Smith, K. Ralston-Hooper, P. Ferguson, and T. Sabo-Attwood. Effects of GPER Activation on (Xeno) Estrogen-Induced Cellular Responses. Society of Toxicology Conference, San Antonio, TX, March 10-14, 2013.

105. S. Jayasinghe, K. Kroll, N. Denslow, and T. Sabo-Attwood. Exposure to G-1, a Selective Agonist for G Protein-Coupled Estrogen Receptor 1 (GPER), Results in Elevated Levels of Vitelloginin in Adult Fathead Minnows (Pimephales promelas). Society of Toxicology Conference, San Antonio, TX, March 10-14, 2013.

106. T. Sabo-Attwood, G. Dominguez, J. Bisesi, K.J. Kroll, N.D. Denslow. Transcriptional Repression of the Vitellogenin Receptor By Xenoestrogens Via Select Estrogen Receptor Subtypes In Largemouth Bass. Pollutant Responses in Marine Organisms Conference, Faro, Portugal, May 5-8, 2013.

107. N. D. Denslow, C. J. Martyniuk, C. Colli-Dula, M. Prucha, K. Kroll, G. Dominguez, T.

Sabo-Attwood. Exposure To Contaminants Alters The Normal Seasonal Change In Gene Expression Observed During Reproduction In Largemouth Bass. Pollutant Responses in Marine Organisms Conference, Faro, Portugal, May 5-8, 2013.

108. Xiao Zheng, Pallab Sanpui, John Lednicky, Julia Loeb, Tara Sabo-Attwood. Modulation of Influenza Virus Infectivity and Activation of Toll-like Receptors by Carbon Nanomaterials. EPI research day, February 14, 2013.

109. Sabo-Attwood, T, Dominguez, G, Denslow ND. Modulation of the vitellogenin receptor by xenoestrogens in largemouth bass. 7th International Symposium on Fish Endocrinology, Buenes Aires, Argentina, Sept 3-6, 2012.

110. Dominguez, G, Denslow ND and Sabo-Attwood, T. The influence of Insulin-like Growth factor Pathways on the Expression of the Largemouth Bass Vitellogenin Receptor. 7th International Symposium on Fish Endocrinology, Buenes Aires, Argentina, Sept 3-6, 2012.

111. T. Sabo-Attwood, J.H. Bisesi, N.B. Saleh, A.R.M Afrooz, A.N. Parks, P.L. Ferguson, J. Merten. Dynamics of SWNT Distribution and Aggregate Structure During Aquatic Exposures. First Sustainable Nanotechnology Conference. Arlington, VA, November 4-6, 2012.

112. Bisesi JH, Merten, J, Parks, AN, Ferguson, PL, Afrooz, ARM, Saleh, NB, Sabo-Attwood, T. Examining single walled carbon nanotube distribution in live fish during gavage and feeding studies using near infrared florescence detection. Society of Environmental Toxicology and Chemistry, Longbeach, CA, Nov 11-15, 2012.

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114. Sabo-Attwood, T, Sanpui, P, Lednicky, J, Loeb, J. 7th International Conference on the Environmental Effects of Nanoparticles and Nanomaterials. Banff, Alberta, Canada, Sept 10-12. 2012.

115. Keith W. Jones, Ryan Tappero, Jun Wang, Yu-chen Chen, Qingxi Yuan, W. Brent Lindquist, Lauren Crandell, Catherine A. Peters, Wooyong Um, Lee A. Newman, T Sabo-Attwood and Cecily Moyer. Tomographic Investigations of the Rhizosphere. The American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America International Annual Meeting, "Visions for a Sustainable Planet," Cincinnati, OH., Oct. 21-24, 2012.

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