

Interdisciplinary Toxicology Program

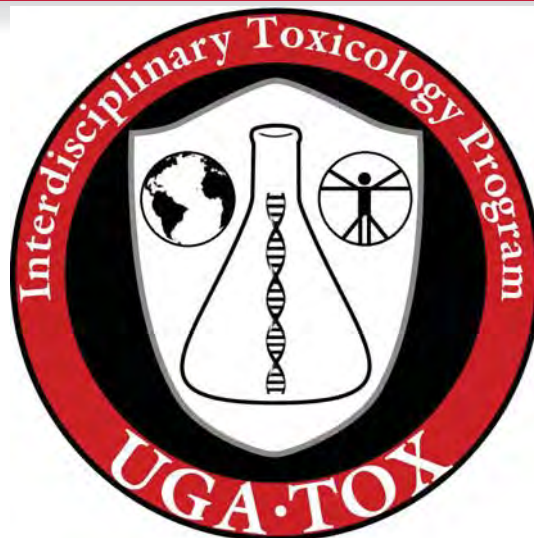
DIGEST



UNIVERSITY OF GEORGIA

# Interdisciplinary Toxicology Program

Summer 2018



[WWW.TOXICOLOGY.UGA.EDU](http://WWW.TOXICOLOGY.UGA.EDU)

## The Interdisciplinary Toxicology Program

College of Pharmacy  
250 W. Green St - Rm. 341 - Pharmacy South  
Athens, GA 30602  
www.toxicology.uga.org, 706-583-0058  
Brian Cummings, Director

### Executive Committee Members:

Steve Stice, College of Agricultural and Environmental Sciences  
Robert Bringolf, Warnell School of Forestry and Natural Resources  
Cathy White, College of Pharmacy  
Jia-Sheng Wang, College of Public Health  
Nick Filipov, College of Veterinary Medicine  
Ron Riley, Ret., USDA

### Curriculum Committee:

CHAIR Marsha Black, College of Public Health  
Co-Chair John Wagner, College of Veterinary Medicine  
Jason Zastre, College of Pharmacy  
Robert Bringolf, Warnell School of Forestry and Natural Resources  
Xiaoqin Ye, College of Veterinary Medicine  
Anne Summers, Franklin College of Arts and Sciences  
Stacey Lance, Savannah River Ecology Lab

### Admissions Committee:

CHAIR John Wagner, College of Veterinary Medicine  
John Yu, College of Public Health  
Jason Zastre, College of Pharmacy  
Tai Guo, College of Veterinary Medicine

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Dear Colleagues,

This was a very active year for the Interdisciplinary Toxicology Program (ITP). This included a very engaging and fun Fall Retreat where we welcomed several new students and faculty. We moved on from there to the 2017 Fall Southeastern Society of Toxicology Meeting at Fort Valley State University, where several of our students won awards for both oral and poster presentations. We then moved to the 2018 Annual Meeting of the Society of Toxicology in San Antonio. We, along with the Southeastern Society of Toxicology, sponsored a very successful mixer that was attended by toxicologists from all over the nation, and included several UGA alumni. It was a great success and I really enjoyed seeing both alumni and old friends.

Our annual Spring Retreat was highlighted by our Plenary Speakers. Our first was Dr. Lois Lehman-McKeeman, Vice President of Pharmaceutical Candidate Optimization at Bristol-Myers Squibb and a Past-President of the Society of Toxicology. Our other Plenary Speaker was Dr. Patricia Ganey of Michigan State University, the current President of the Society of Toxicology. One of the highlights was the workshop session held the day before where both speakers took questions from students and discussed their own career path.

This past summer ITP partnered with the Department of Environmental Health Sciences to host a 2-day workshop on manuscript writing presented by the Nature Masterclasses Initiative. This workshop was supported by funds from the University of Georgia Graduate School and approximately 25 students and several faculty members from both Environmental Health Sciences and ITP were in attendance. The feedback was very positive, and much kudos goes to Dr. Erin Lipp and Dr. John Wagner for their efforts to aid our graduate students.

I am pleased to announce that Dr. Jia-Sheng Wang, ITP member, Georgia Athletic Association Professor and Department Head of Environmental Health Sciences was awarded the 2018 Translational Impact Award from the Society of Toxicology. This is an incredible and well deserved honor. Our students also won several awards and I invite you to browse their awards and presentations listed in this newsletter. Please take a moment to also review their publications by accessing the link in this newsletter. As always, I thank Ms. Joanne Mauro for her efforts on behalf of our program, as well as the leadership by Dean Suzanne Barbour of the Graduate School and the Graduate School Staff Members. Finally, we are always looking to increase our Foundation Funds, which allow both faculty and students to invite and support national and internationally known Toxicologists for seminars, and support programs that enhance ITP faculty and student experiences. Donations are tax-deductible and information on how to give can be found in this newsletter and at: <http://www.toxicology.uga.edu>



Dr. Brian S. Cummings  
Director, ITP

# GRADUATE COORDINATOR NOTES

The following is a brief summary of our student's accomplishments from the 2017/18 academic year:

Ph.D. degrees (4) were earned this past academic year by:

Ramya Kolli (Brian Cummings) Pharmaceutical and Biomedical Sciences

Adrian Moore (Robert Bringolf) Warnell School of Forestry and Natural Resources

Shangtao Liang (Jack Huang) Crop and Soil Sciences

Robby Williams (Robert Gogal) Veterinary Biosciences and Diagnostic Imaging

5 students were advanced to Doctoral Candidacy this year:

Jun Zhou (Jia-Sheng Wang) Environmental Health Science

Joella Xu (Tai Guo, Veterinary Biosciences & Diagnostic Imaging)

Ryan Mote (Nikolay Filipov) Physiology and Pharmacology

Collin Preston (John Wagner) Physiology and Pharmacology

Zidao Wang (Xiaoqin Ye) Physiology and Pharmacology

Alumni placement as of Summer 2018 - 31 in Business/Industry; 34 in Education; 30 in Government

ITP has accepted 4 new students for Summer/Fall 2018:

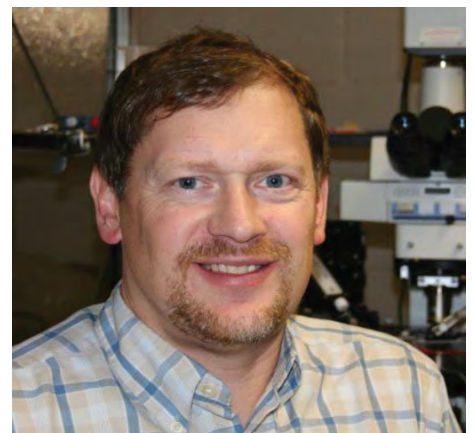
Gershon Akese Mensah, (Rotating labs) PhD

Danielle Capps, (Dr. Filipov) Physiology and Pharmacology) PhD

Callie McDonough, (Tai Guo) Veterinary Biosciences & Diagnostic Imaging) MS

Soo Kyun Shin, (Dr. West) Animal and Dairy Sciences) MS

Congratulations to these students for their achievements, our alumni for their continued successes and welcome to our incoming students!





# ITP FACULTY

## College of Agricultural and Environmental Sciences

**Sayed Hassan**, Crop & Soil Sciences  
**Qingguo (Jack) Huang**, Crop & Soil Sciences  
**Steve Stice**, Director, Regenerative Bioscience Center  
**William Vencill**, Crop & Soil Sciences  
**Franklin West**, Animal & Dairy Science

## College of Public Health

**Marsha Black**, Environmental Health Science  
**Chas Easley**, Environmental Health Science  
**Travis Glenn**, Environmental Health Science  
**Erin Lipp**, Environmental Health Science  
**Luke Naecher**, Environmental Health Science  
**Mary Alice Smith**, Environmental Health Science (Ret)  
**Lili Tang**, Environmental Health Science  
**Jia-Sheng Wang**, Department Head, Environmental Health Science  
**Phillip Williams**, Dean, College of Public Health  
**John Yu**, Environmental Health Science

## College of Veterinary Medicine

**Julie Coffield**, Physiology & Pharmacology  
**Gaylen Edwards**, Department Head, Physiology & Pharmacology  
**Nikolay Filipov**, Physiology & Pharmacology  
**Robert Gogal**, Veterinary Biosciences & Diagnostic Imaging  
**Tai Guo**, Veterinary Biosciences & Diagnostic Imaging  
**Steve Holladay**, Department Head, Veterinary Biosciences & Diagnostic Imaging  
**Elizabeth Howerth**, Pathology  
**S. Mark Tompkins**, Infectious Diseases  
**Ralph Tripp**, Infectious Diseases  
**Maria M. Viveiros**, Physiology & Pharmacology  
**John J. Wagner**, Physiology & Pharmacology  
**Xiaoqin Ye**, Physiology & Pharmacology

## Franklin College of Arts and Sciences

**Anne O. Summers**, Dept. of Microbiology

## Odum School of Ecology

**Stacey Lance**, Savannah River Ecology Lab  
**Ben Parrott**, Savannah River Ecology Lab

## R. C. Wilson College of Pharmacy

**Michael Bartlett**, Pharmaceutical & Biomedical Sciences  
**James Bruckner**, Pharmaceutical & Biomedical Sciences (Ret)  
**Brian Cummings**, Pharmaceutical & Biomedical Sciences  
**Arthur Roberts**, Pharmaceutical & Biomedical Sciences  
**Randall L. Tackett**, Clinical & Administrative Pharmacy  
**Catherine White**, Pharmaceutical and Biomedical Sciences  
**Jason Zastre**, Pharmaceutical & Biomedical Sciences

## Warnell School of Forestry & Natural Resources

**Robert Bringolf**, Warnell School of Forestry & Natural Resources

**Tracey Tuberville**, Savannah River Ecology Lab

## Auburn University, AL

**Robert Arnold**, Auburn Univ., Dept. of Drug Discovery and Development

## USDA

**Ronald T. Riley**, Ret., Toxicology & Mycotoxin Research, Retired

**Kenneth A. Voss**, Toxicology & Mycotoxin Research, Retired

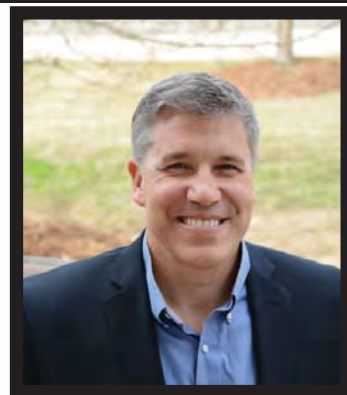
# FACULTY RESEARCH HIGHLIGHTS

Dr. Robert Bringolf is an aquatic toxicologist in the Warnell School of Forestry & Natural Resources who seeks to improve understanding of the effects of environmental pollutants on aquatic organisms such as fish and freshwater mussels. Dr. Bringolf's research and teaching interests stem from a sense of calling to environmental stewardship. He and his students are currently working on projects that include:

- 1) evaluating reproductive and developmental effects of nitrate in fish and freshwater mussels,
- 2) identifying individual and environmental factors associated with the occurrence of intersex fish,
- 3) evaluating the toxicity of major ion salts to common and rare species of freshwater mussels, and
- 4) assessing the effects of and potential for trophic transfer of a neurotoxin produced by a recently described cyanobacteria in aquatic systems.

Dr. Bringolf's promotion to Professor becomes effective on July 1 and he was recently named Associate Dean for Academic Affairs in the Warnell School. He plans to stay connected with students by remaining active in teaching and research, though in a reduced capacity.

**Selected Publications:** <https://www.warnell.uga.edu/people/faculty/dr-robert-bringolf>



**Robert Bringolf**

Dr. Huang's research interest focuses on catalysis involved in the environmental transformation of organic pollutants, and development of catalysis-based technology for pollution control and environmental remediation and management.

His laboratory has been actively involved in four cutting-edge research topics:

- 1) enzyme-based technology for water/wastewater treatment and soil remediation
- 2) electrochemical and reactive electrochemical membrane processes in wastewater treatment
- 3) catalysis in biofuel production and agro-ecosystem management
- 4) environmental application and implication of nanomaterials

He has published over 110 peer-reviewed journal articles, 5 book chapters and 5 patent applications. He taught three courses at the University Georgia: Introduction to Water Quality, Environmental Measurement, and Advanced Instrumental Analysis in Environmental Studies.

**Selected Publications:** <https://site.caes.uga.edu/huanglab/publications/>



**Qingguo (Jack) Huang**

# FACULTY PUBLICATIONS

More than 250 articles have been published by our faculty over the past 12 months. Please visit our website for a complete list of faculty publications during the last year.

<http://toxicology.uga.edu/directory/faculty/>

# GUEST LECTURERS



UGA Provost Pamela Whitten gave the Opening Remarks at the annual Spring Workshop.



“Toxicology in Drug Discovery: Methods, Models and Mechanisms” Lois D. Lehman-McKeeman, Ph.D., ATIS, Vice President, Pharmaceutical Candidate Optimization, Bristol-Myers Squibb, Princeton, NJ



“Drug-Cytokine Interaction in Idiosyncratic Hepatotoxicity” Patricia Ganey, Ph.D., Professor, Dept. of Pharmacology and Toxicology, Michigan State University, Lansing, MI

## Photos



James Bruckner, Brian Cummings, Ramya Kolli, Robert Bringolf, Travis Glenn, John Kenneke



Robert Hogan, Tai Guo, Robert Gogal, Robert Williams, Steve Holladay, Jia-Sheng Wang



Anne Summers, Mary Alice Smith and Lois Lehman-McKeeman



Ramya Kolli and Brian Cummings

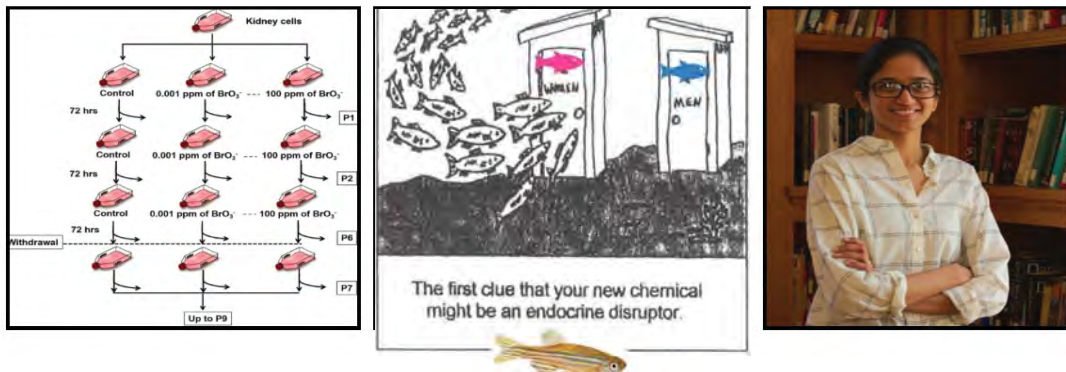


Pharmacy Dean Sven Oie, Brian Cummings, and Scott Pegan

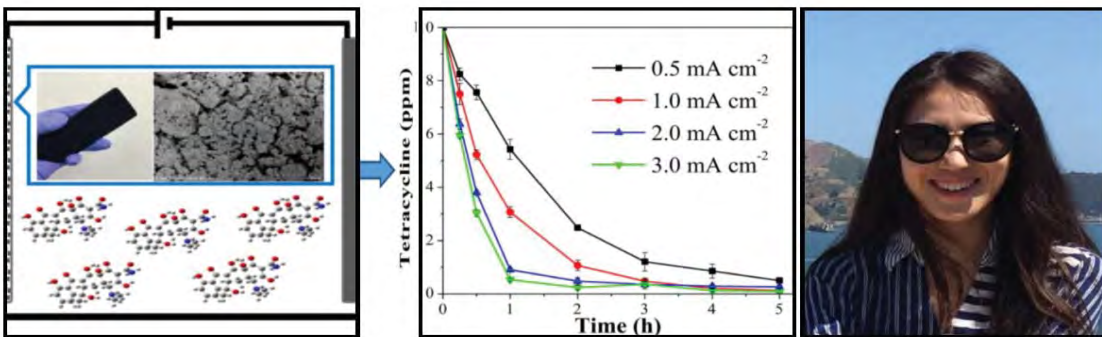


# 2017-18 GRADUATES

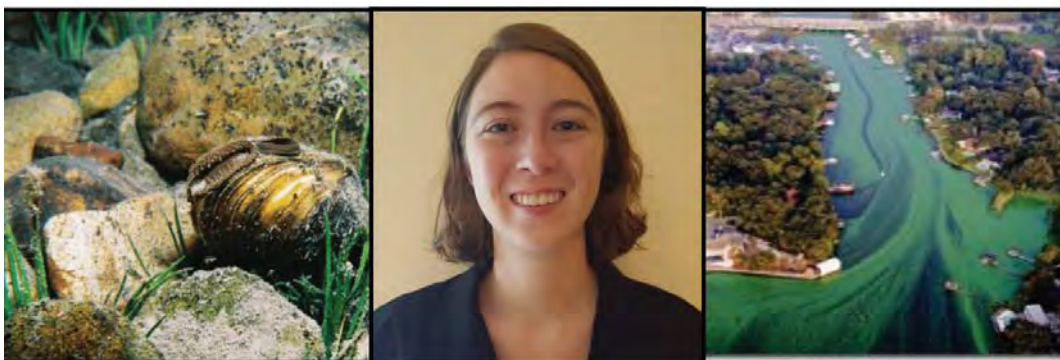
RAMYA KOLLI, PHD *Significance of Epigenetic Data in Environmental Risk Assessment: Using Human Health and Ecological Models* Ramya has a position as a Post-Doctoral Visiting Fellow at NIEHS, Research Triangle Park NC



SHANGTAO LIANG, PHD *Enzymatic and Electrochemical Oxidation of Emerging Contaminants* Shangtao has a position as an Environmental Scientist with AECOM, Atlanta, GA



ADRIAN MOORE, PHD *Acute and Chronic Effects of Nitrate Pollution on Fish and Freshwater Mussels* ADRIAN has a POST DOC position at the FDA Center for Veterinary Med., Univ of MN



ROBERT WILLIAMS, PHD *Reproductive and Developmental Lead Toxicity in Roller Pigeons and An Investigation of Lead Nitrate Impact on Inflammatory Response and Calcium Signaling in a Mammalian Macrophage Cell Line*







Christian Andersen



Lillie Marie Barnett



Kyle Brown



Yingjia Chen



Jarad Cochran



Hunter Connell



David Haskins



Katherine Kearns



Marie McKenzie



Ryan Mote



David Pierce



Collin Preston



Davis Reardon



Jacob Siracusa



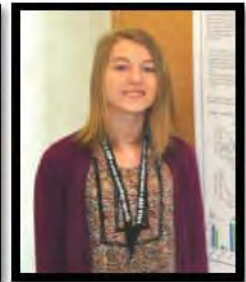
Matthew Urich



Yaye Wang



Zidao Wang



Joella Xu



Hannah Xu



Jun Zhou

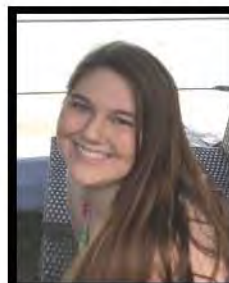
# ITP 2018—2019 CLASS



## NEW STUDENTS



Danielle Capps



Callie McDonough



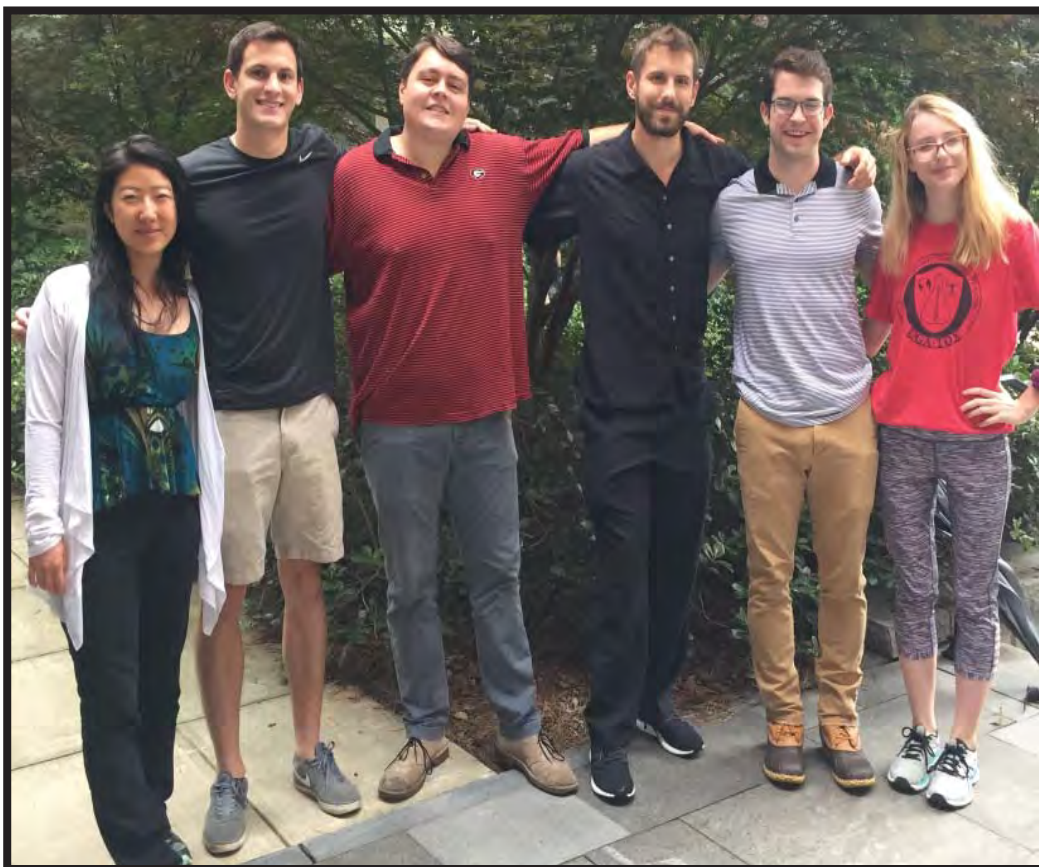
Gershon Akese Mensah



Soo Shin



# UGATOX - 2018-2019



## **2018-2019 UGATOX OFFICERS**

Pictured, L to R:  
**NETWORKING CHAIR**  
Hanna Xu

**SECRETARY**  
Jacob Siracusa

**VICE PRESIDENT**  
Christian Anderson

**TREASURER**  
Kyle Brown

**PRESIDENT**  
Ryan Mote

**NETWORKING CHAIR**  
Lillie Barnett

Dear UGA Toxicology friends and colleagues,

As we move into a new year, I would be remiss not to honor the work of past presidents and UGATOX boards, who have devoted their time and efforts to move the program forward. The work that they have completed has been no small feat, and I hope to build on the solid foundation they have provided. During the previous year, under the leadership of outgoing president Collin Preston, we have seen growth in student-led initiatives, such as journal club, and held steadfast the time-honored traditions that have made the UGA Interdisciplinary Toxicology Program engaging and exciting. Moving forward, we look to continue to hold the fall retreat and Thanksgiving potluck to provide interaction opportunities outside of the academic setting, while advancing student-led initiatives, such as the journal club, to promote interaction and interdisciplinary study within the field of toxicology. Further increasing the visibility of the ITP on campus through activities, like the joint ITP tailgate, is a goal that we hope to continue to develop throughout the coming year. From a professional development point-of-view, inviting professionals from different backgrounds and disciplines is an enduring goal of UGATOX, and we look forward to collaborating with the ITP in providing these professional development opportunities for our students. Any student, faculty, or alumni are encouraged to contact the UGATOX board with potential speakers that may benefit the development of ITP students. Finally, the board this year has added the position of the Social Chair, and we are very excited to have two wonderful, driven women spearheading the first year of this position and providing opportunities for increased interaction and cohesiveness within our group. I would like to take this opportunity to thank my fellow UGATOX board members for their commitment to serve this year: Vice President Christian Andersen, Treasurer Kyle Brown, Secretary Jacob Siracusa, and the Social Chairs Lillie Barnett and Shibo (Hannah) Xu. I am enthusiastic about the accomplishments of the ITP and UGATOX in years past, and look forward to the opportunity to help continue to push the boundaries forward in the coming year. All the best. Cordially,

Ryan Mote

# STUDENT AWARDS

## 2018 SPRING WORKSHOP

### PLATFORMS

- Collin Preston** **FIRST PLACE** Cocaine exposure results in persisting impairment of hippocampal long-term potentiation and reduced performance in a spatial working memory task in C57BL/6J mice. Advisor: **John Wagner**
- Adrian Parr Moore** **SECOND PLACE** Nitrate acute toxicity and effects on metamorphosis in freshwater mussels. Advisor: **Robert Bringolf**
- David Haskins** **THIRD PLACE** Mercury tissue bioaccumulation and body size influence peripheral blood leukograms in the Brown Watersnake (*Nerodia taxispilota*). Advisor: **Tracey Tuberville - Robert Bringolf**

### POSTERS

- Jacob Siracusa** **FIRST PLACE** Machine Learning-based High-content Analysis to Characterize Phenotypic Assessment of the Reproductive Toxicity of Bisphenol A, Bisphenol S, Bisphenol AF, and Tetrabromobisphenol A in a Testicular Cell Co-Culture Model. Advisor: **John Yu**
- Hunter Connell** **SECOND PLACE** Upregulation of the thiamine activating enzyme thiamine pyrophosphokinase-1 during oxidative stress in tumor cells. Advisor: **Jason Zastre**
- Christian Andersen** **THIRD PLACE** Mycotoxin zearalenone (ZEA) induces toxicity and alters microRNA expression in C57BL/6 mouse placenta. Advisor: **Xiaoqin Ye**

### DISSERTATION COMPLETION AWARD

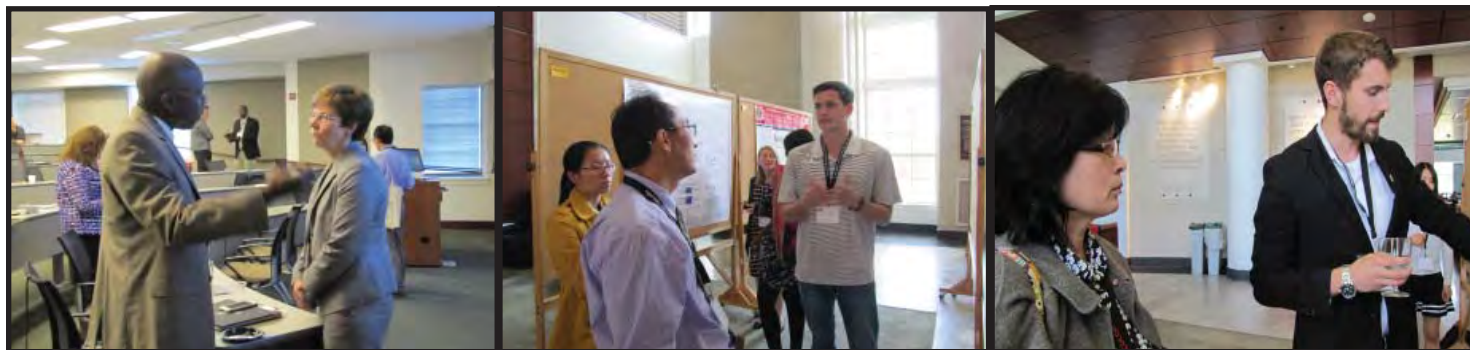
The Dissertation Completion Awards (DCA) are designed to assist doctoral students who are writing their dissertations and expect to defend and graduate within 15 months. These awards enable students to concentrate on research and writing. **Yingjia Chen** is the 2018-19 award winner. Congratulations Yingjia! Advisor: **Tai Guo**

### GATEWAY TO GRADUATE SCHOOL

The purpose of the Gateway program is to provide students with an intellectual, professional, and social introduction to UGA as they transition into graduate education. Incoming student **Gershon Akese Mensah** is the 2018-19 award winner. Congratulations Gershon!

### INNOVATIVE AND INTERDISCIPLINARY RESEARCH GRANTS FOR DOCTORAL STUDENTS

As part of the strategic initiative to enhance the culture of innovation and interdisciplinarity in graduate education at UGA, the Graduate School is pleased to offer competitive research grants to doctoral students who are conducting interdisciplinary and cutting-edge research for their dissertations. **Ryan Mote** is the 2018-19 IIRG winner. Congratulations Ryan! Advisor: **Nick Filipov**





# STUDENT AWARDS

## OTHER AWARDS:

Ryan Mote was selected to the SOT Graduate Student Leadership Committee (GSLC), the GSLC Professional Development Subcommittee, and the GSLC Liaison to the SOT Education Committee. Advisor: Nick Filipov

## NATIONAL AWARDS:

**Ryan Mote** 2018 Molecular and Systems Biology Graduate Student Research Honorable Mention Award. Society of Toxicology. Advisor: **Nick Filipov**

**Yingjia Chen** 2018 American Association of Immunologists Trainee Abstract Award. Advisor: **Tai Guo**

**Davis Reardon** 2017 Communicating Science Conference. Invited participant. Advisor: **Luke Naeher**

**Christian Andersen** 2017 Travel Grant. Larry Ewing Memorial. Society for the Study of Reproduction. Advisor: **Xiaoqin Ye**

**David Haskins** 2017 Travel Grant. Society of Environmental Toxicology and Chemistry. Advisor: **Tracey Tuberville - Robert Bringolf**

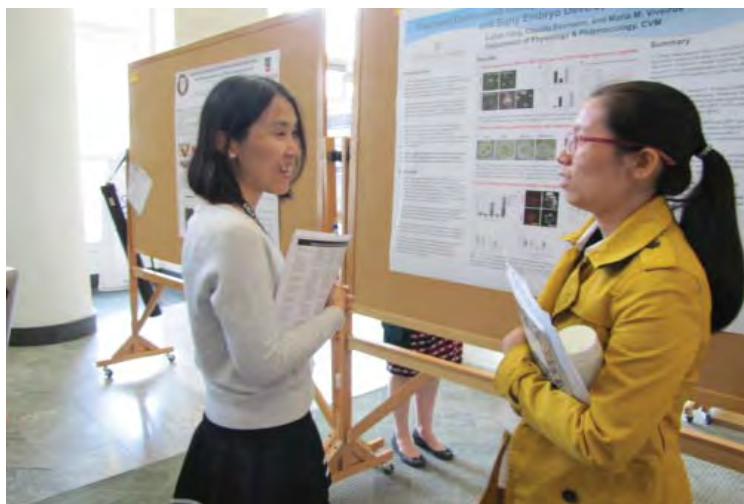
**David Haskins** 2017 Travel Grant. Turtle Survival Alliance meeting, Charleston, SC. Advisor: **Tracey Tuberville - Robert Bringolf**

## REGIONAL AWARDS:

**David Haskins** 2017 Travel Grant. Southeastern Partners in Amphibian and Reptile Conservation. Advisor: **Tracey Tuberville - Robert Bringolf**

**Ryan Mote** 2017 **FIRST PLACE** Poster presentation. Southeastern Society of Toxicology. Advisor: **Nick Filipov**

**Christian Andersen** 2017 **FIRST PLACE** Platform presentation. Southeastern Society of Toxicology. Advisor: **Xiaoqin Ye**



Yingjia Chen at the ITP annual Spring Retreat, Athens, GA



Ryan Mote, Christian Andersen, and Tanzir Mortuza at the Southeastern Society of Toxicology meeting, Ft. Valley State University, Ft. Valley, GA

# ALUMNI UPDATES

|                               |  |
|-------------------------------|--|
| Olorunfemi Adetona            | Asst. Professor, EHS, Ohio State Univ., Columbus, OH                               |
| Anna Hejl Adetona             | Research Scientist, PH Research & Translational Sci., Battelle, Columbus, OH       |
| Jason Boyd                    | Toxicologist, USRA Div. of ASpace Life Sciences, Houston, TX                       |
| Windy Boyd                    | Health Scientist, OHAT, National Toxicology Program, NIEHS, RTP, NC                |
| Heather Brant                 | Assistant Professor, School of Natural Sciences and Mathematics, Claflin Univ., SC |
| Jerry Campbell                | Manager, Ramboll Environ, Raleigh, NC  |
| Deborah Cartwright-Iwanowicz  | US Geological Survey - Leetown Science Center, Kearneysville, WV                   |
| Adwoa A. Commododre           | Medical Univ. of S.C., Public Health Sciences, Charleston, SC                      |
| Deanna Conners                | Science Writer and Editor, Eggertsville, NY  |
| Amy Dixon Delinsky            | Toxicologist, RTP, NC  |
| Gregory Dooley                | Dept of Environmental & Radiological Health Sciences, Fort Collins, CO             |
| Ahmed ElZowalaty              | RNA, Univ. of Massachusetts Medical School, Worcester, MA                          |
| Nikolay Filipov               | Professor, College of Vet. Med., Dept. of Phys/Pharm, Athens, GA                   |
| John Finger                   | Lecturer, Dept. of Biological Sciences, Auburn, AL                                 |
| Donna Glinski                 | Analytical Research Chemist, USEPA, Athens, GA                                     |
| Forrest Goodfellow            | Research Scientist, Aruna Biomedical, Athens GA                                    |
| Eric Goolsby                  | Asst. Professor, Dept. of Biology, Univ. of Central Florida, Orlando, FL           |
| Neera Gopee                   | Vet. Medical Officer, OLAW, NIH, Bethesda, MD                                      |
| Xianglu Han                   | Dow Chemical, Midland, MI  |
| Peter Hazelton                | Aquatic Toxicologist, Mass Division of Fisheries & Wildlife, West Boylston, MA     |
| Quanren He                    | Director, Toxicology and Clinical Safety, Biothera, Saint Paul, MN                 |
| William Matthew Henderson     | Research Toxicologist, Ecosystems Research Division, US EPA, Athens, GA            |
| Ofia Hodoh                    | US EPA Region 4, Atlanta, GA   |
| Joseph Iburg                  | Pest Abatement Officer, Bullhead City, AZ  |
| Victor Johnson                | Director of Operations, Burlinson Research Technologies, Inc., RTP, N.C.           |
| Ghanashyan Joshi              | Faculty, Southern A&M, BATON ROUGE, LA   |
| Lakshmi Kelamangalath         | Study Director, Covance, Inc., Greenfield, IN                                      |
| Kristen Kellock               | Toxicologist, Michigan Department of Environmental Quality, Lansing, MI            |
| Madhusudhanan K. Mathilakath, | Postdoctoral Assoc., Neuroscience Dept., Baylor College of Medicine, Houston, TX   |
| John Kind                     | Principle Toxicologist, CTEH, Little Rock, AR                                      |
| Ramya Kolli                   | Post Doctoral, NIEHS, RTP, NC  |
| Kevin Koporec                 | Toxicologist, US EPA, Atlanta, GA  |
| Soo Kwang Lee                 | Food and Drug Administration, Johns Creek, GA                                      |
| Rong Li                       | Visiting Fellow, NIEHS, RTP, NC  |
| Shangtao Liang                | Environmental Scientist, AECOM, Atlanta, GA  |
| Zhoumeng Lin                  | Asst. Professor of Pharm.and Toxi., Kansas State Univ., Manhattan, KS              |
| Suyang Liu                    | Lab Assistant, EHS, UGA, Athens, GA  |
| Maggie Liyun                  | Research Professional, Ctr for Vaccine & Immunology, Athens, GA                    |
| Michael Lumpkin               | Sr. Toxicologist, CTEH, Little Rock, AR  |
| Lisa Luo                      | Lab Assistant, CAES, UGA, Griffin, GA  |
| Hongbo Ma                     | Asst. Professor, Univ of Wisconsin, School of Public Health, Milwaukee, WI         |
| Kristi Manning                | Sales, OLIS, Inc., Bogart, GA  |
| Carrie Marr                   | Wildlife Biologist, US Fish and Wildlife Service, Phoenix, AZ                      |



# ALUMNI UPDATES (Cont.)

|                          |  |
|--------------------------|--|
| Sheppard Martin          | Toxicologist, Proctor & Gamble Co., Cincinnati, OH                               |
| Judy Matthew Pattassery  | Founder, Pattassery Consulting, LLC, Atlanta, GA                                 |
| Eva Daneke McLanahan     | CDR, USPHS, CDC, Agency for Toxic Substances and Disease Registry, Atlanta GA    |
| Brooks McPhail           | ORISE Post-doctoral Fellow at Centers for Disease Control, Atlanta, GA           |
| Emily McReynolds         | Tutor, Cherney Microbiological Services & Upward Bound, Clovis, NM               |
| Paul C. Melstrom         | Epidemiologist/Toxicologist, CDC and Prevention, Atlanta, GA                     |
| Dean Meyer               | Toxicology Editor, Edanz Group, Atlanta, GA                                      |
| Adrian Parr Moore        | Post Doctoral, FDA Center for Vet. Med., St. Paul, MN                            |
| Jay Overmyer             | Tech. Lead, Envir. Risk Assess. Team, N.A., Syngenta, Greensboro, NC             |
| Palak Patel              | Sr. Outcomes Research Mgr., Grady Hospital, Atlanta, GA                          |
| Christopher Peredney     | Toxicologist, Washington State Dept of Energy, Seattle, WA                       |
| Brianna Peterson         | Forensics Toxicologist, Washington State Patrol, Seattle, WA                     |
| Guoqing Qian             | Research Fellow, Emory, Atlanta, GA  |
| Junshan Qiu              | Staff Fellow FDA Center for Veterinary Medicine, Rockville, MD                   |
| Bradley Reinhart         | Instructor and Lab Manager, Dept. of Biology, Univ. of South Carolina, Aiken, SC |
| Arena Richardson Jackson | Georgia State University, Atlanta, GA  |
| Emily Rogers             | Toxicologist, USEPA, Eashington, D.C.  |
| Suparna Sarkar           | Asst. Professor/Attemding Pathologist, Icahn School of Med., Staten Island, NY   |
| Natalie Scholpa          | Postdoctoral Fellow, Pharm and Toxicology, Univ. of Tucson, Tucson, NJ           |
| Pankaj Sethi             | Consultant, Cancer Genomics, Ammon Analytical Labs, Linden, NJ                   |
| Neelesh Sharma           | Asst. Professor, Medical Oncology, Case Western Reserve Univ., Cleveland, OH     |
| Patricia Shaw Allen      | Toxicologist, USEPA, Cincinnati, OH  |
| W. Aaron Shoults-Wilson  | Asst. Professor, Roosevelt University, Chicago, IL.                              |
| Gideon St. Helen         | Asst. Professor, Dept. of Medicine, UCSF, San Francisco, CA                      |
| Bin Sun                  | Product Safety Scientist, New Chapter, Inc., Brattleboro, VT                     |
| Matthew Taylor           | Assoc. Envir., Health and Safety Product Mgr, Dow Electronics, Marlborough, MA   |
| Glenn E. Tillman         | Branch Chief, USDA/FSIS/OPHS/EL/Microbiology Characterization, Athens, GA        |
| Chi-yen Tseng            | Ph.D. student, Environmental Science, Baylor University, Waco, TX                |
| Olga Tsyusko             | Faculty, Univ. of Kentucky, Lexington, KY  |
| Tara Almekinder Vogelien | Dir. Tox. & Clinical Safety, NC Research Campus, Kannapolis, NC                  |
| Rahat Wadhwa-Desai       | Toxicologist, Charles River Laboratories, Ashland, OH                            |
| Angel Kelsey Wall        | Toxicologist, Savannah River Nuclear Solutions, Aiken, SC                        |
| Jincheng Wang            | Post Doctoral, Dept of Biochem. & Microbiology, Rutgers Univ. New Brunswick, NJ  |
| Hongye Wei               | Intern, Ultragenyx Pharmaceutical, Athens, GA                                    |
| Denita Williams          | Toxicologist,Envigo, East Millstone, NJ  |
| Lonnie Williams          | Sr. Toxicologist, Lonza, Alpharetta, GA  |
| Rachel Worley            | Environ. Health Scientist, CDC, Atlanta, GA                                      |
| Xian Wu                  | ORISE Fellow, FDA NCTR, Jefferson, AR  |
| Shuo Xiao                | Asst. Professor, EHS, Arnold School of Public Health, USC, Columbia, SC          |
| Li Xu                    | Postdoctoral Fellow, Univ. of Texas MD Anderson Cancer Center, Houston, TX       |
| Kathy Xue                | Research Assistant, Chinese Academy of Sciences, Beijing, CH                     |
| Xiaoling Zhang           | Toxicologist, P&G Boston, Gillette MA  |
| Fei Zhao                 | Postdoctoral Fellow, Reproductive Developmental Biology, NIEHS, RTP, NC          |

# Support the Interdisciplinary Toxicology Program

We would like to take this opportunity to invite you to make a financial contribution to the UGA Toxicology Program. You can make a secure credit card contribution online: <https://gail.uga.edu/give>. Type "Interdisciplinary Toxicology Program" in the "Special Instructions/Comments" field. Doing so will ensure that your gift is directed to the Toxicology Program.

The Interdisciplinary Program in Toxicology Fund is a University of Georgia Foundation discretionary account supporting the activities of the Interdisciplinary Toxicology Program. It enables the Program to host internationally recognized speakers, hold conferences and workshops and provide support for graduate students to attend national meetings and present scientific results.

If you prefer to make a donation the old-fashioned way, please fill out this form, print it and mail it to our address below. All contributions are tax deductible.

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Address: \_\_\_\_\_

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Phone: \_\_\_\_\_ EMail: \_\_\_\_\_

I would like to contribute to the University of Georgia Foundation. My gift will be designated for the Interdisciplinary Program in Toxicology Fund.

The Interdisciplinary Program in Toxicology Fund is a University of Georgia Foundation discretionary account supporting the activities of the Interdisciplinary Toxicology Program. It enables the Program to host internationally recognized speakers, hold conferences and workshops and provide support for graduate students to attend national meetings and present scientific results.

Funds of this type are essential to the expansion and success of this campus-wide interdisciplinary training program.

Enclosed is my gift for \$ \_\_\_\_\_

Signature: \_\_\_\_\_

Please send this form with your check, made payable to the University of Georgia Foundation, to the Interdisciplinary Toxicology Program, Rm. 341, Pharmacy South, 250 W. Green St., Athens, GA 30602. You may also make a secure credit card donation via our website at <http://www.toxicology.uga.edu>.

*Thank you!!*



# TOXICOLOGY SNAPSHOTS





# INTERDISCIPLINARY TOXICOLOGY PROGRAM ALUMNI

## 1997

Jerry Campbell, M.S.  
Kelley Ann Boyle Van Vreede, M.S.

## 1998

Ilho Cho, M.S.  
Nikolay Miltchev Filipov, Ph.D.  
Wu Li, Ph.D.  
Slawomir Jacek Rzucidlo, Ph.D.  
Daniel John Schoeffner, Ph.D.  
Jeannie Lee Stephenson, M.S.  
Masashi Tsunoda, Ph.D.  
Robert Wesley Wentworth, Ph.D.

## 1999

Judy S. Mathew, M.S.  
Christopher Lee Peredney, M.S.  
Karen Marie Zepp, M.S.

## 2000

Beverly Schleppe Arnold-Hill, Ph.D.  
Kevin Anthony Holloman, Ph.D.  
John Kind, Ph.D.  
Carrie Hamilton Marr, M.S.

## 2001

Neera Vintra Gopee, Ph.D.  
Taras K. Oleksyk, Ph.D.  
Suparna Ajoy Sarkar, Ph.D.

## 2002

Windy Ann Boyd, Ph.D.  
Gregory Patrick Dooley, M.S.  
Ofia B. Hodoh, M.S.  
Vic Johnson, Ph.D.  
Michael Harrison Lumpkin, Ph.D.  
Jay Paul Overmyer, Ph.D.  
Sarah Suzanne Rentz, M.S.  
Patricia Lynn Shaw-Allen, Ph.D.  
Lonnie Dwayne Williams, M.S.

## 2003

Jason Lamar Boyd, Ph.D.  
Russell David Cole, M.S.  
James Claude Cumbee Jr., M.S.  
James Claude Cumbee Jr., M.S.  
Shashank Dravid, Ph.D.  
Kristi Manning Folden, M.S.  
Sang Hyun Kim, Ph.D.

## 2003

Audrey Jean Majeske, M.S.  
Bradley David Reinhart, M.S.

## 2004

Tara Lynn Almekinder, M.S.  
Heather A Brant, M.S.  
Jerry Lamar Campbell Jr., Ph.D.  
Deanna Erin Connors, Ph.D.  
Amy Dixon Delinsky, Ph.D.  
Amber Lynn Graves, M.S.  
Xianglu Han, M.S.  
Quanren He, Ph.D.  
Jiyong Kim, Ph.D.  
Brad Konwick, M.S.  
Elizabeth Ann Richardson, M.S.  
Emily Dawn Rogers, M.S.  
Olga Vasylivna Tsyusko, Ph.D.  
Jason M. Unrine, Ph.D.  
Angel K. Wall, M.S.  
Neera Chhabra Young, M.S.

## 2005

Kathy Dietzel, M.S.  
Ryan Richard Holem, M.S.  
Catherine J King, M.S.  
Gregory N Oquinn, M.S.  
Tonia Marie Parrott, Ph.D.  
Jennifer Hoffman Peterson, M.S.  
Neelesh Sharma, Ph.D.

## 2006

William Matthew Henderson, Ph.D.  
Carey C Hines, Ph.D.  
Molly Visser Schaefer, M.S.  
Denita Williams, M.S.  
Lonnie Dwayne Williams, Ph.D.

## 2007

Deborah Iwanowicz, Ph.D.  
Kristen Kellock, M.S.  
Kyu-Bong Kim, Ph.D.  
Sookwang Lee, Ph.D.  
Eva Daneke McLanahan, Ph.D.  
Paul Melstrom, Ph.D.  
Brianna Peterson, Ph.D.  
Glenn Tillman, M.S.  
Aswini Vunnava, M.S.

## 2008

Tantiana Donata Burns, Ph.D.  
Curtis Andrew Harris, Ph.D.  
Elizabeth Irvin, Ph.D.  
Lakshmi Kelamangalath, Ph.D.  
Brooks McPhail, Ph.D.  
Michelle Warner Norris, M.S.  
Junshun Qiu, Ph.D.  
David Robert Rouse, M.S.  
Matthew Aaron Taylor, Ph.D.  
William Shoults-Wilson, Ph.D.

## 2009

Susan Baird, M.S.  
Suzy Ritger Crowell, Ph.D.  
Hongbo Ma, Ph.D.  
Leenal Malayil, M.S.

## 2010

Ghanashyam Joshi, M.S.  
Suyang Liu, M.S.  
Sheppard Martin, Ph.D.  
Arenia Richardson, Ph.D.  
Bin Sun, Ph.D.  
Denita Williams, Ph.D.  
Li Xu, Ph.D.

## 2011

Olorunfemi Adetona, Ph.D.  
Gideon St. Helen, Ph.D.  
Shirley Zhang, Ph.D.

## 2012

Adwoa A. Commodore, Ph.D.  
Quoging Qian, Ph.D.

## 2013

Kwaku Agyekum, Ph.D.  
Cory Gresham, Ph.D.  
Peter Hazelton, Ph.D.  
Kristen Kellock, Ph.D.  
Zhoumeng Lin, Ph.D.  
Emily McReynolds, Ph.D.  
Pankaj Sethi, Ph.D.  
Chi-yen Tseng, MS.  
Shuo Xiao, Ph.D.

## 2014

John Finger, Ph.D.  
Joseph Iburg, Ph.D.  
Madhusudhanan M.  
Keralapurath, Ph.D.  
Palak Patel, Ph.D.  
Fei Zhao, Ph.D.

## 2015

Chen Chen, M.S.  
Elizabeth Dudley, M.S.  
Dean Meyer, Ph.D.  
Qi (Lisa) Luo, Ph.D.  
Natalie Scholpa, Ph.D.  
Hongye Wei, M.S.

## 2016

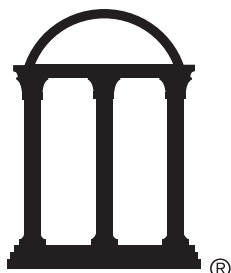
Anna Adetona, Ph.D.  
Manoj Amaraneni, Ph.D.  
Eric Goolsby, Ph.D.  
Min-su Kang, Ph.D.  
Rong Li, Ph.D.  
Liyun Liu, Ph.D.  
Rahat Wadhwa Desai, Ph.D..  
Rachel Workey, Ph.D.  
Xian Wu, Ph.D.

## 2017

Ahmed Ezat El Zowalaty, Ph.D.  
Donna Glinski, Ph.D.  
Forrest Goodfellow, Ph.D.  
Ramya Kolli, Ph.D.  
Shangtao Liang, Ph.D.  
Jincheng Wang, Ph.D.  
Robert Williams, Ph.D.  
Kathy Xue, Ph.D.

## 2018

Adrian Parr Moore, Ph.D.



The University of Georgia  
Interdisciplinary Toxicology Program  
Rm 341, Pharmacy South  
250 W. Green St.  
Athens, GA 30602