

# SETAC Student News

Notes and Updates from the SETAC Student Advisory Council



Volume 2, No. 2. November 2008

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## Message from the SAC Chair

Dear SETAC North America students,

As the 29<sup>th</sup> annual North American SETAC meeting approaches, we are all trying to finish our talks and posters to represent a piece of our own research to our North American colleagues. When you look at the program for our Tampa meeting, it becomes obvious very quickly that this will be one of our finest meetings to date. First, it does not get much better than Tampa, Florida in November. Second, the comprehensive scientific program ranges from emerging contaminants (nano-particles and pharmaceuticals) to Omics to food chain transfer. Third, the social program includes: the Sunday night social (free food!), the student mentor dinner on Monday night (free food!), the Tuesday night social has two options (Tampa Bay Lightning hockey game or the Evening at the Florida Aquarium), and the Wednesday Tampa Bay Watch Desalination plant and Manatee Viewing Center event. With all of these options, you are guaranteed to have a great scientific meeting!

I am writing this letter to you during the 2008 South Carolina Water Resources Conference in Charleston, South Carolina. It is a great conference, but it helps me to appreciate the uniqueness of SETAC (the scientific program, the social events, the student-oriented activities, and the tri-partite nature of the society). For those students who are new to SETAC- get involved, volunteer, and appreciate what our society has to offer. For the more experienced SETAC students- stay involved and consider offering a hand or mentoring a new student to welcome them to our society.

These last two years have been a wonderful experience for me by volunteering for SETAC North America. I have tried to incorporate student's suggestions and make the society as a whole more focused on its student members through Student Advisory Council newsletters, conference calls, meetings and different forms of student input. Juliska Princz (University of Saskatchewan), will be succeeding me at the Tampa meeting as the next Chair of the Student Advisory Council and the student representative to the SETAC North America Board of Directors. I am excited for Juliska and wish her the best. Make sure to congratulate her in Tampa!!!

I greatly look forward to seeing and meeting all of you in Tampa! Travel safe. Contact me if you have any questions ([jgallag@clemsun.edu](mailto:jgallag@clemsun.edu)).

Jeff



# SETAC Tampa Student Events (November 16<sup>th</sup>-20<sup>th</sup>, 2008)

Hi everyone! Are you guys excited about the upcoming SETAC conference in Tampa? We certainly are – not only is it a great opportunity to showcase your hard work and projects, but it's also a time to network with other great minds in your field. In addition to the obvious benefits to your professional or academic career, this SETAC conference has a lot of student-oriented activities where you can meet (and perhaps work with!) some fellow peers.

Check out the list of the SETAC events, all created with the student researcher in mind, whether you're planning on pursuing an industry, government or academic career. We hope to see you there and that you have a valuable and fun experience!

## Sunday

- Student Activities Committee Meeting (9-10am), Room 1
- Student Advisory Council Meeting (5-6pm), Location TBA
- Opening Session & Reception (6:30-10:00pm), Exhibit Hall

## Monday

- New Members Breakfast (7:00-8:00am), Riverwalk
- Seminar - Experiences of New Professionals Starting Their Careers (11:50am –12:55pm), Rooms 13&14.
- Student Career-Mentor Event (6:30-9:30pm), Marriott Florida Salons

## Tuesday

- Women in Science Luncheon (11:40am – 1:30pm), Marriott Florida Salons
- Evening at the Aquarium (7-11pm)
- Florida Panthers vs. Tampa Bay Lightning NHL Hockey Game (7:30pm). Meet at the SAC Booth at 7:00pm- See Poster on p.11

## Wednesday

- Expert Discussion about career choices (11:50am – 1:00pm), Rooms 13&14

## Thursday

- Closing Ceremony (4:30-5:30pm), Exhibit Hall

## Plus ...

- Student/Networking Lounge (11am-6pm daily), Room 30 A&B
- Silent Auction (Sunday-Tuesday, 8am-6pm) - proceeds benefit Student Activities/Student Members, Exhibit Hall

## Upcoming Events- SETAC

### SETAC Europe 19<sup>th</sup> Annual Meeting

Protecting ecosystem health: facing the challenge of a globally changing environment  
Göteborg, Sweden, May 31<sup>st</sup> – June 4<sup>th</sup>, 2009  
<http://goteborg.setac.eu/>

### SETAC 15<sup>th</sup> Europe LCA Case Studies Symposium

LCA for decision support in business and government for Sustainable Consumption and Production  
Paris, France, January 22<sup>nd</sup>-23<sup>rd</sup>, 2009  
<http://lca.setac.eu/>

### SETAC 1<sup>st</sup> Young Environmental Scientists Meeting

Organized by the SETAC Europe Student Advisory Council  
University of Koblenz and Landau, Koblenz, Germany, March 16<sup>th</sup>-18<sup>th</sup>, 2009  
<http://www.yes.sac-online.eu/>

### SETAC 1st Joint PSE-SETAC Conference on Ecotoxicology

Kraków, Poland, September 16<sup>th</sup>, 19<sup>th</sup>, 2009  
<http://www.eko.uj.edu.pl/ecotox/2009/>

## Upcoming Events- SETAC Chapters

### Laurentian Chapter Tree Planting Day

Guelph, Ontario, Canada, May 2<sup>nd</sup>, 2009

<http://www.laurentiansetac.ca/>

### North Atlantic Chapter Short Course

(with Society for Risk Analysis New England)

Nanotechnology: Environmental Implications and Applications

Doyle Conservation Center, Leominster,

Massachusetts, January 27<sup>th</sup>, 2009

[http://www.nacsetac.org/Shortcourse/Nano%202009/shortcourse\\_NANO2009.htm](http://www.nacsetac.org/Shortcourse/Nano%202009/shortcourse_NANO2009.htm)

### North Atlantic Chapter Annual Meeting and Short Course

Short Course: Causal Analysis/Stressor Identification

New England Center - Hotel & Conference

Center, University of New Hampshire, Durham,

New Hampshire, June 10<sup>th</sup> -12<sup>th</sup>, 2009

<http://www.nacsetac.org/>

### Pacific Northwest Chapter Annual Meeting

Fort Worden, Port Townsend, Washington, April

16<sup>th</sup>-19<sup>th</sup>, 2009

<http://www.setac.org/pnwrc/>

## Upcoming Events- Non-SETAC Events of Interest

### 5<sup>th</sup> International Conference on Remediation of Contaminated Sediments

Hyatt Regency Riverfront Hotel, Jacksonville,

Florida, USA, February 2<sup>nd</sup>-5<sup>th</sup>, 2009

[www.battelle.org/sedimentscon](http://www.battelle.org/sedimentscon)

### 10<sup>th</sup> International In Situ and On-Site Bioremediation Symposium

Baltimore Marriott Waterfront Hotel Baltimore,

Maryland, USA, 5-8 May 5<sup>th</sup>-8<sup>th</sup>, 2009

[www.battelle.org/biosymp](http://www.battelle.org/biosymp)

### SEB at Glasgow 2009 (SEB Annual Main Meeting 2009)

Glasgow, United Kingdom, June 28<sup>th</sup> – July 1<sup>st</sup> 2009

<http://www.sebiology.org/meeting>

### 4<sup>th</sup> International Symposium on Contaminated Sediments: Sustainable Management and Remediation

Trinity College Dublin, Ireland, 30 June 30<sup>th</sup> -

July 3<sup>rd</sup>, 2009

<http://www.astm.org/>

## SETAC Career Center

Are you graduating soon and looking for a job? The SETAC Career Center (<http://www.setac.org/node/3>) has a variety of services available to job seekers. You can post your resume, view job openings, and arrange to have new job announcements sent to your email! With the advanced search option, you can search for jobs based on specialty and location and you can specify whether you are interested in full or part time jobs, or fellowships or internships. The job search option is available to everyone, while other services require you to create an account and log in. Good luck!

## SETAC Communities

Do you need a roommate or ride to SETAC Tampa? Or perhaps you want to connect with members from your local chapter and find out the latest on upcoming events. The SETAC Communities Portal is an amazing set of online tools that can help you connect with other SETAC members. Go to <http://www.setac.org/node/156> to learn more or to <http://communities.setac.net> to log on!

## Student Award Winners

### 2007 Best Student Platform Winner

**Ian E. Atkinson**

“Arsenate-induced Expression of Chitinase in the Dwarf Sunflower *Helianthus annuus*”



### 2007 Best Student Poster Winner

**Johanna D. Burnett**

“Polybrominated Diphenyl Ethers and Organochlorine Pesticides in Children’s Stuffed Toys”



### ET&C Best Student Paper

**Sarah Budischak**

“Effects of malathion on embryonic development and latent susceptibility to trematode parasites in ranid tadpoles”



### SETAC/ICA Chris Lee Award for Metals Research

**Tham C. Hoang**, Florida International University



### SETAC/Procter & Gamble Fellowship for Doctoral Research in Environmental Science

**Michelle Blickley**, Duke University



### EA Engineering Jeff Black Award

**Shawna Nations**, Texas Tech



### 2007 Elsevier Best Student Platform

**Stanley Aniagu**

“Brominated Flame Retardants: Environmental Fate and Exposure”

### 2007 Elsevier Best Student Poster

**Helen C. Poynton**

“Biomarkers—So what? Integration of Biomarkers and Ecologically- Relevant Endpoint”

## Student Activities from Regional Chapters

### Carolinas Chapter

Thomas R. Garner – Clemson University

From April 3-5, 2008, the Carolinas Chapter held its Annual Meeting in Morehead City, NC hosted by North Carolina State University’s (NCSU) Center for Marine Sciences and Technology (CMAST). The meeting was a great success and was attended by 43 members. Also in attendance was Jane Staveley, who presented a national SETAC overview and update.

The first day of the meeting was filled with a short course on “Sampling Techniques and Innovations for Aquatic and Marine Environmental Research” given by Dr. Bill Kirby-Smith of Duke University. That evening, everyone gathered for a reception at the Crabs Claw Restaurant in Atlantic Beach, where members enjoyed good food and great company. The meeting’s keynote speaker was Dr. James Bonner, of NCSU, presenting his research on “Risks and Benefits of Engineered Nanomaterials”.

Of the 15 platform presentations and 10 poster presentations, students accounted for 11 of the platform presentations and all 10 of the poster presentations. The meeting concluded on Saturday, with the afternoon dedicated to award presentations.

#### Best Platform Presentation:

1<sup>st</sup> place: Tamara Pandolofu, NCSU

2<sup>nd</sup> place: Ross Garner, The Citadel

3<sup>rd</sup> place: Michelle Blickley, Duke Univ.

#### Best Poster Presentation:

1<sup>st</sup> place: Joshua Osterberg, Duke Univ.

2<sup>nd</sup> place: Carrie Fleming, Duke Univ.

3<sup>rd</sup> place: Deanna Howarth, Duke Univ.

## Laurentian Chapter

Rebecca Dalton – University of Ottawa

Nicole Knezevich – University of Waterloo

On Friday June 13<sup>th</sup>, 2008, the Laurentian Chapter of SETAC held its 13th Annual General Meeting in Guelph, Ontario. Over 80 people participated in this AGM themed “Science in Action: Applying Ecotoxicology & Chemistry in the Real World”. During the morning, we had three excellent speakers for our plenary session- Dr. Alex Bielak (Environment Canada), Dr. Peter Hodson (Queen’s University) and Tim Moran (Pollutech). We were also fortunate to hear from the current president of SETAC North America, Dr. Paul Sibley.

We had many excellent posters and two concurrent platform presentation sessions. The Laurentian AGM wrapped up with a presentation on the “Speed River Project”, a community based initiative to clean up a local river. Participants also enjoyed a delicious BBQ and networking social event at Guelph’s picturesque Boat House.



Congratulations to our four award winners!

M.Sc. Poster- Jordana van Geest, (University of Guelph) - "The Method Development Process for Bioaccumulation Testing"

M.Sc. Platform- Ben Smith (University of Waterloo) - "Determining Bioavailability of Metals to Ecological Receptors in Natural Soils: Surrogate Biological and Chemical Measures"

Ph.D. Poster- Craig Butt (University of Toronto) - "Bioaccumulation and Biotransformation of 8:2 FTOH Acrylate"

Ph.D. Platform- Marcel Pinheiro (University of Waterloo) - "A Rapid Protozoan Bioassay for Monitoring Pharmaceuticals in Water: Dealing with Drugs on the Job!"

Earlier this fall, the Laurentian Chapter launched a new website (<http://www.laurentiansetac.ca>). The new website features up to date event information as well as a career centre with job postings in the region. We plan to launch a specific section for student resources in the future. Keeping with our chapter’s goals in mind, the new website is hosted by HostPapa ([www.hostpapa.ca](http://www.hostpapa.ca)), a Canadian-based company powered by 100% green energy!

## Ozark-Prairie Chapter

Ashley Jessick – Iowa State University

On July 14<sup>th</sup> and 15<sup>th</sup> of 2008, the Ozark Prairie Chapter of SETAC held its Annual Meeting at the Shaw Nature Reserve in Gray Summit Missouri. The meeting was kicked off with James Trager of the reserve providing those attending a tour of the area discussing restoration projects.

Prior to the plenary session on Tuesday morning, Tim Canfield, Vice-President of North America SETAC, gave an overview of the SETAC organization and a brief update on events which will occur at the National meeting in Tampa this fall. Tim Canfield and Paul Mayer of the United States Environmental Protection Agency (EPA) were our plenary speakers discussing “Ecosystem Services: Priority strategic focus for U.S. EPA’s Ecological Research program” and “Geomorphic stream restoration as an approach for reducing nutrients in degraded urban watersheds,” respectively.

The meeting wrapped –up with the presentation of the student awards. Winners received monetary support towards travel to the national SETAC meeting this fall. Student award winners included:

M.S. Platform Presentation:

1<sup>st</sup> place: Ashley Jessick, Iowa State Univ.

Best Student Poster Presentation:

1<sup>st</sup> place: Ian Murphy, Iowa State Univ.

We would like to thank Bayer, ABC Laboratories, and Monsanto for their generous support of our Student awards program.

## Llano-Estacado University Group

Jennifer Cole – Texas Tech Univeristy

The Llano Estacado Student Group for the Society of Environmental Toxicology and Chemistry (LE-SETAC) has been very active over the past several months. LE-SETAC has initiated and maintained an active aluminum can recycling program here at the Institute for Environmental and Human Health. To raise funds for activities, we worked one of the Texas Tech Univeristy Football games at the Jones AT&T Stadium Suite and Club Complex on September 22<sup>nd</sup>, 2008.

In addition to the University related activities, we have been taking an active role in the community. We participated in our Adopt a Highway Service project on October 3<sup>rd</sup>, 2008. We also volunteered in our community by taking part in the Komen Race for the Cure on October 4<sup>th</sup>, 2008. We joined the family team, Coletrain Cancer Crusaders, one of our graduate student members. Finally, We provided books, entitled “The Little People’s Guide to the Big World” to 2<sup>nd</sup> grade students at local elementary schools as part of our charitable work.



Coletrain Cancer Crusaders team members at the Susan G Komen Race for the Cure from L to R: Sandy Wiggins, Greg Zychowski, Jennifer Cole, Celine Godard-Codding, Jan Codding, Gabrielle Codding, Monique Long, and Shawna Nations (Not pictured: Jaclyn Canas).

## North Atlantic Chapter

Christopher Perkins – University of Connecticut

On June 4-6, 2008, the North Atlantic Chapter (NAC) of SETAC held its 14<sup>th</sup> Annual General Meeting in Bar Harbor, ME. Platform sessions encompassed several topics, including mercury in the aquatic environment, emerging contaminants, and regional endangered species issues. On the first day, Scott Ferson, from Applied Biomathematics conducted a short course on “Population modeling for environmental scientists”. The keynote address was presented by Dr. Wayne Munns entitled, “From pickle jars to ecosystem services: who cares about water fleas anyway?”

There were a total of 28 platform presentations, 5 of which were student presentations, and 18 posters, 6 student.

On January 27<sup>th</sup>, 2009, the NAC will conduct a short course entitled “Nanotechnology, environmental implications and applications” by Nancy Bonnevie and Dr. Kate Sellars from Arcadis. Register early since the course is limited to 50 participants.

## The SETAC North America Student Advisory Council (SAC)

Thank you to our recently retired or outgoing SAC members:

**Jeff Gallagher** - Chair  
**Sarah Armstrong** - SK/Western Canada  
**Colleen Caldwell** – Desert Southwest  
**Kerensa King** – Pacific Northwest  
**Bernice Moser** – South Eastern  
**Jorgelina Muscatello** – SK/Western Canada  
**Amy Joy Risen** – Hudson Delaware  
**Travis Schmidt** – Rocky Mountain  
**Jacob Stanley** – South Central

**SAC Position Available for the Desert Southwest Chapter**

# The SETAC North America Student Advisory Council (SAC)

## Suzy Baird – South Eastern

E-mail: [suzannebaird@hotmail.com](mailto:suzannebaird@hotmail.com)

I am working on a MS in Toxicology at the University of Georgia where I study the toxicity and bioaccumulation of the chiral pesticide fipronil in the fathead minnow. I graduated from the University of Florida in 2004 and worked as a consultant until going to graduate school in 2007



## Rebecca Dalton – Laurentian

E-mail: [becca.dalton@gmail.com](mailto:becca.dalton@gmail.com)



I am currently in the 2nd year of my Ph.D. in Biology with a specialization in Environmental Chemistry and Toxicology at the University of Ottawa. My research is focused on examining the effects of herbicides and nutrients on aquatic primary producers in river systems. I am currently Vice President of the Laurentian Chapter of SETAC and am active on a number of its committees. When not busy at school, I enjoy volleyball, yoga, golf, swimming, listening to live music and spending time at the family cottage along the Ottawa River.

## Ross Garner – Carolinas

E-mail: [tgarner@clemson.edu](mailto:tgarner@clemson.edu)

I am a first year PhD student at Clemson University in the Institute of Environmental Toxicology located in Clemson, SC. I am under the guidance of Dr. Steve Klaine and plan to investigate the implications that nanoparticles may have on the environment. Prior to Clemson, I received a Bachelor's and Master's Degree in Biology from The Citadel, The Military College of South Carolina, located in Charleston, SC in 2006. My Master's examined the bioaccumulation of fluoranthene in the tubificid oligochaete *Monopylephorus rubroniveus*, and contamination of stormwater detention ponds in coastal South Carolina by PAHs, metals, pesticides and insecticides. Apart from SETAC and the Carolinas Chapter, I am also involved in The Southeastern Estuarine Research Society (SEERS), The Estuarine Research Federation (ERF), Wildlife Action (WLA), The National Wild Turkey Federation (NWTFA), Ducks Unlimited (DU), and am a life member of The Citadel Alumni Association (CAA).



## Kathryn Hernandez-Roeder – South Central

E-mail: [HernandezRoederK8692@uhcl.edu](mailto:HernandezRoederK8692@uhcl.edu)

I am a former high school science teacher (19 years) from Houston, Texas concluding my 2nd year of graduate studies. My research is on water quality along the Central Amazon. Interesting presentations with discussions on nanotechnology was the focus of the South Central Regional 2008 SETAC meeting held at UHCL this past spring conducted by our student affiliate SETAC chapter. Next to the Amazon, Texas is my favorite place.

## Ashley Jessick – Ozark-Prairie

E-mail: [jessicka@iastate.edu](mailto:jessicka@iastate.edu)



Is an at large board member for her regional chapter and is serving her first year on the SAC board. She attends Iowa State University and is currently pursuing an MS in Toxicology under the direction of Dr. Joel Coats. Her research focuses on the environmental fate and effects of the veterinary antibiotic erythromycin and its metabolites in aquatic and terrestrial ecosystems using *Lumbriculus variegatus* to assess non-target effects. In her spare time, Ashley enjoys reading, socializing with friends, participating in intramurals (curling, broomball, dodgeball, and treds football), yoga, and traveling.

**Nicole Knezevich – Laurentian****E-mail:** [nicole.knezevich@gmail.com](mailto:nicole.knezevich@gmail.com)

I graduated from the University of Guelph in 2005 with a Bachelors of Science Honors' degree in Environmental Toxicology (Co-op). During my co-op placements I had the opportunity to work at the Dorset Environmental Science Centre (Ministry of the Environment) where I studied the fate of mercury in aquatic and terrestrial environments. Other placements included the Centre for Atmospheric Research Experiments (Environment Canada) where I assisted with air quality monitoring. After graduating I worked at Intrinsic Environmental Sciences Inc., in Mississauga, as an Environmental Risk Analyst providing toxicology support to both the human health and environmental risk assessment teams. However, I returned to school last September to pursue a Ph.D. in Biology at the University of Waterloo under Dr. Bruce Greenberg. My thesis will focus on the remediation of several brownfield sites in the greater Toronto area utilizing phytoremediation.

**Christine Lee – Southern California****E-mail:** [chrlee@gmail.com](mailto:chrlee@gmail.com)

Christine is a Ph.D student in Civil and Environmental Engineering at UCLA. She received a B.Sc. in Chemical Engineering and minored in English as an undergraduate, also at UCLA. Christine is working with CENS to develop a biosensor that can measure bacterial water quality rapidly. This sensor has numerous practical and research-oriented applications – it can not only become a tool for public officials to monitor water quality multiple times throughout the day but also as an instrument for adaptive sampling, helping identify quickly hotspots of bacterial contamination in a watershed. Christine is the recipient of the HSSEAS Edward K Rice Outstanding Master's Student Award in 2006 and has just recently been selected as a Switzer Fellow 2008-2009.

**Justin Lo – Pacific Northwest****E-mail:** [jlo@sfu.ca](mailto:jlo@sfu.ca)

During his undergraduate years, Justin began an interest in environmental science while TAing for two environmental toxicology courses and doing his honors' project in aquatic toxicology. He started graduate school in the Environmental Toxicology program at SFU after graduating from his B.Sc. Coop in 2007. After spending part of his first year working with Health Canada, he joined Dr. Gobas' lab to research and investigate the metabolic behavior of hydrophobic compounds in organisms. Justin believes in the importance of sharing ideas and getting feedback from others in research and, as the At-Large student representative, he encourages students to use the PNW-SETAC Chapter as an avenue to interact with other toxicologists and be part of a local scientific community.

**Moira McKernan – Chesapeake-Potomac****E-mail:** [mokernan@yahoo.com](mailto:mokernan@yahoo.com)

After completing my Zoology M.S. at Southern Illinois University in 2002, I started my Ph.D. in the Marine Estuarine and Environmental Sciences department at University of Maryland. I am working under Drs. Barnett Rattner and Mary Ann Ottinger. Currently, I am researching the embryotoxicity of polybrominated diphenyl ethers in several avian species at the Patuxent Wildlife Research Center, Beltsville, MD. When I am not in the lab, I enjoy playing tennis, quilting, kayaking, and cycling.

**Charlene Ng – North California****E-mail:** [charng@berkeley.edu](mailto:charng@berkeley.edu)

She is a PhD student in the Department of Integrative Biology at the University of California, Berkeley. Co-advised by Professors Donald Weston and Mary Power, her research focuses on the transport and effects of chemicals and nutrients through aquatic ecosystems. In particular, her interests include learning about how chemicals in freshwater systems affect biota locally, how much downstream transport occurs, and what the effects are in the marine environment. She currently studies these questions by looking at pyrethroid pesticides and algae in the Monterey Bay area and the Eel River of California.



### **Heather Pace – Rocky Mountain**

**E-mail:** [greenpache@gmail.com](mailto:greenpache@gmail.com)

In 2004, I received my B.A. in Biology from Whitman College in Walla Walla, WA. After this I bounced around for two years working in various environmental capacities including interning at the Conservancy of Southwest Florida and Mote Marine Laboratory, two environmental nonprofits in Florida, as well as working as a Park Ranger at Rocky Mountain National Park. I am now a Ph.D. candidate in the Department of Environmental Science and Engineering at Colorado School of Mines. I joined the SETAC community a year ago, in which time I have had the opportunity to participate in three conferences hosted by SETAC.



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### **Christopher Perkins – North Atlantic**

**E-mail:** [christopher.perkins@uconn.edu](mailto:christopher.perkins@uconn.edu)



Chris is currently a Ph.D. student in the Department of Pathobiology and Veterinary Science at the University of Connecticut, working in the laboratory of Sylvain DeGuise. His research focuses on the effects of engineered nanomaterials on innate immune function. In addition to his graduate studies, he keeps busy by working as the Analytical Laboratory Director at the Center for Environmental Sciences and Engineering at UConn and spending time with his wife and two children.

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### **Sam Pierce – Mid-South**

**E-mail:** [spierce1@memphis.edu](mailto:spierce1@memphis.edu)

Sam Pierce is a PhD candidate in the Biology Department at the University of Memphis in Memphis, TN, studying under Dr. Reza Pezeshki. Sam is investigating plant-soil interactions under soil saturation and the potential implications on water quality in agricultural areas. Of specific interest is the ability of wetland plants to alter root rhizosphere pH and redox conditions in agricultural ditches and the subsequent effects on surface water eutrophication.



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### **Tasha Stoiber – Midwest**

**E-mail:** [stoiber@wisc.edu](mailto:stoiber@wisc.edu)



I am a PhD student in the Environmental Chemistry and Technology Program at the University of Wisconsin-Madison. I am working under Professor David Armstrong and Dr. Martin Shafer and my research is funded by the University of Wisconsin Sea Grant Institution. I am currently investigating trace metal bioavailability in freshwater organisms and novel toxicity endpoints for trace metal stress. When I'm not in the lab, I enjoy running, road biking, and nordic skiing.

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### **George Cobb – SNA Board Liason**

**E-mail:** [george.cobb@tiehh.ttu.edu](mailto:george.cobb@tiehh.ttu.edu)

He completed a PhD in Chemistry at the University of South Florida and began his career in Environmental Toxicology soon thereafter. Dr. Cobb's research interests include toxicant distribution in ecosystems as well as uptake by and distribution in organisms. His research has included transport, uptake, and accumulation of pesticides and hazardous waste. In that line of research, his group pioneered several non-lethal techniques for toxicant quantification in organisms. Currently, Dr. Cobb's group at Texas Tech University is evaluating the accumulation and toxicity of nanoparticles, explosives and heavy metals. He has been active in several regions of SNA and has served on the SNA Board of Directors since 2007.



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## **Biography and Camera Shy SAC members**

**Jonathan Bernier – Quebec/St.Laurent**

**E-mail:** [jonathan.bernier@etc.inrs.ca](mailto:jonathan.bernier@etc.inrs.ca)

**Sean Bugel – Hudson Delaware**

**E-mail:** [bugel@eden.rutgers.edu](mailto:bugel@eden.rutgers.edu)

**Annie Jacob – Ohio Valley**

**E-mail:** [jacob.73@osu.edu](mailto:jacob.73@osu.edu)

# WHICH regional chapter are you from?

## SETAC North America Regional Chapters



- Carolinas Regional Chapter: <http://www.setac.org/crc/>
- Chesapeake-Potomac Regional Chapter: <http://cprc-setac.com/>
- Desert Southwest Regional Chapter
- Hudson-Delaware Regional Chapter: <http://www.hdcsetac.org/>
- Laurentian Regional Chapter: <http://www.laurentiansetac.ca/>
- Mid South Regional Chapter: <http://www.setac.org/midsouth/>
- Midwest Regional Chapter: <http://www.midwestsetac.org/>
- Northern California Regional Chapter: <http://www.norcalsetac.org/>
- North Atlantic Regional Chapter: <http://www.nacsetac.org/>
- Ohio Valley Regional Chapter: <http://www.setac.org/ohiovalley/>
- Ozark-Prairie Regional Chapter: <http://www.setac.org/op/index.htm>
- Pacific Northwest Regional Chapter: <http://www.setac.org/pnwrc/>
- Quebec Regional Chapter (Chapitre Saint-Laurent): <http://www.chapitre-saint-laurent.qc.ca/>
- Rocky Mountain Regional Chapter: <http://www.setac.org/rmrc/>
- South Central Regional Chapter: <http://www.setac.org/socentral/>
- Southeastern Regional Chapter
- Southern California Regional Chapter: <http://www.socalsetac.org/>

**We would love your feedback and contributions for our next issue!**

**Deadline: May 20<sup>th</sup>, 2009**

**Contact: [becca.dalton@gmail.com](mailto:becca.dalton@gmail.com)**

**SETAC Student Advisory Council**  
**invites you to join us for a**  
**NHL Hockey Game**



**Tampa Bay Lightning vs. Florida Panthers**

**St. Pete Times Forum**

**Tuesday, November 18<sup>th</sup>**

**Game starts at 7:30 pm**

**Meet at the SAC booth at 7pm**