

SETAC Student News

Notes and Updates from the

SETAC North America Student Advisory Council

Volume 4, No. 1. July 2010



Message from the NASAC Chair

Welcome to the Spring-Summer edition of the SETAC NASAC Student News – this edition is packed with tons of information! Remember the student survey we asked you all to complete? Well, the results are in – check out this issue for a shortened summary of the results – if you are interested in more details, we'll post it to the SETAC on-line communities. **THANKS to all the students who took the time to fill out the survey** – the results from this survey will help shape future student initiatives and activities.

We also continue our whirl-wind tour of SETAC and the various opportunities for your involvement. This edition, we introduce you to the Regional Chapters committee – this committee connects the individual Regional Chapters across North America (NA) to SETAC NA. Did you know that NASAC also connects students in this manner? Each Regional Chapter has a student representative that serves on NASAC for their term. We also invite you to learn more about SETAC Advisory Groups – these groups are a collection of experts from all three facets of SETAC (government, industry and academia) to allow for net-working and discussion on various topics – check out the new Global Soil Advisory Group if you've got interests in terrestrial environments.

Don't forget that our next SETAC NA meeting is coming up – see our ad for more details. **I really look forward to your participation in our art contest again** – get your cameras and creativity ready!

And last but not least – **it's time to find another successor to serve as the NASAC Chair and Vice-chair. E-mail notices were sent out, and you can apply on-line if interested. The NASAC SOP has**

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been posted to the on-line communities. We are looking for active and enthusiastic individuals – if you have any questions, please contact me! The **deadline is July 31, 2010.**

Wishing you the best this summer, and see you again at the next SETAC NA meeting!

Juliska Princz – SETAC NASAC Chairperson

Seeking SETAC Student Ambassadors

Many young environmental scientists around North America view SETAC as a premier professional society. However, the benefits of SETAC membership at the global or regional level is not always clear for potential student members. We are calling on all current students to send us a few words about why you joined SETAC, and how membership benefited you! By sharing your experiences as a SETAC student, you will have the opportunity to guide and pave the way for future student members! To be showcased on the SETAC website or a membership brochure as a student

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ambassador for SETAC, send us your picture and a few sentences that highlight some of the benefits of membership that you have enjoyed over the years! (Send information to Ilya Slizovskiy, IS233489@muhlenberg.edu)

Get to Know SETAC!

NEW Global Soils Advisory Group

This year kicked-off with the merger of SETAC's NA and Europe Soils Advisory Group to create a new global group that's inclusive of all of SETAC's Geographical Units.

This group is made up of professionals and students, and the group was established to provide guidance in all aspects of soil testing applicable to the lab and field, soil-related risk assessment methods and soil eco-toxicology. Why soil? Because it's a major component of our world that's affected by our activities! For example, functions of soil include sustaining biological productivity, regulating water flow, storing and cycling nutrients, and filtering, buffering and transforming organic and inorganic materials.

The opportunity to become involved in this group provides you with a unique net-working opportunity, not to mention participation in discussions surrounding contamination, and the ability to accurately assess and ameliorate the effects of soil stressors to maintain and sustain soil function.

If soil is an area of interest for you, and you would like to learn more, check-out the Global Soils Advisory Group folder on SETAC's on-line communities. Don't forget that at the next SETAC NA meeting in Portland, the Global SAG will be hosting a meeting – anyone is welcome to come join in. There maybe other Advisory Groups that peak your interest too – make sure to check the meeting program to see what's happening where and when! Students are always welcome!

Regional Chapters Committee (RCC)

Have you ever wondered why SETAC NA runs like a well-oiled machine? In part, this is due to the hard-working members of the Regional Chapters Committee (RCC)!

One of the major pillars of SETAC NA is to sustain and support local or regional chapters. Regional chapters provide opportunities for SETAC NA members as well as others interested in environmental chemistry and toxicology – to effectively facilitate their participation and involvement, to provide a platform for members to exchange their ideas, to address or handle local environmental concerns, and to promote SETAC membership. Blending the goals, interests, and values of SETAC NA with the numerous local chapters is no easy feat! This is where the RCC steps in. The duties of the RCC are:

1. To provide an avenue of communication among regional chapters and between regional chapters and the Board of SETAC NA

This year, RCC held conferences to train chapter officers to use the SETAC Communities Software, thereby increasing the efficiency of inter- and intra-chapter communication.

2. Help promote activities of regional chapters and to make sure that these local activities are carried out in accordance with best interests of the Society as a whole

Promoting the sciences and to give students (of all ages) a platform to showcase their scientific potential is crucial. By donating grant funding, the RCC helped local chapters to sponsor science fairs and other educational activities that help to foster an appreciation for the sciences in the next generation!

3. To give assistance and guidance to newly forming as well as to existing chapters

The success of SETAC greatly depends on continued scientific quality and development at the local level. This year the RCC awarded three grants to regional chapters in order to fund scientific-short courses involving nationally recognized speakers.

The multiple facets of the Regional Chapters Committee continue to evolve as involvement in SETAC activities at the local levels expand. Students should be aware of the many opportunities and initiatives of the RCC. The RCC strongly values student representation. To learn more about the RCC and the many ways to be involved, contact any officer from within your Regional Chapter.

You Spoke – We Listened! The SETAC NASAC Student Survey results are in!

Submitted by: Ilya Slizovskiy, At-Large NASAC Board Member

Every year, SETAC NASAC works hard to provide advice and recommendations on new student-based initiatives to the SETAC NA Board of Directors and the Student Activities Committee. With strong communication and input from student-members, NASAC is able to propose initiatives that are designed to encourage, improve, and sustain wide-spread and meaningful participation of student members, especially as you transition into professional-member status.

By sharing your concerns and interests through the NASAC survey, record numbers of you have greatly helped to strengthen and mold the future direction for students in SETAC NA!

It is exciting to see that >60% of our student body is composed of ‘newer’ members! For this reason, it is imperative that SETAC NA strengthens its communication with student-members. Roughly 80% of you have stressed the need for continued communication, especially through frequent e-mails. While nearly 60 % of you participate in SETAC student-oriented activities, we hope to increase participation by enhancing rates of communication, improving outreach mechanisms, and choosing a wider variety of activities to broaden the scope of interest at student meetings.

Many of our members have voiced the importance of mentorship, and have also stressed other concerns:

- Post-degree transitioning
- Funding
- Completion of research
- Improving communication and networking skills to enhance degree-orientated goals



In presenting these concerns to the Board of Directors in March 2010, NASAC has recommended to promote and to increase awareness for:

1. Networking opportunities (increasing regional chapter meetings, stronger student mentorship, and career-oriented opportunities)
2. Extended membership benefits and opportunities (reduced member costs – ‘Recent Graduate’ status, multi-year discounts)
3. Funding and research aid (grant writing workshops, scholarships, awards)
4. Enhance career opportunities, including the promotion of the existing SETAC Career Center

There are many reasons why students have joined SETAC. Many of you became members to gain scientific knowledge from Regional Chapter and national meetings, networking opportunities, and having access to the most up-to-date scientific developments and trends via SETAC publications. However, we are also encouraged by the large numbers of students who have provided their contact information to volunteer and to be actively involved in various activities of SETAC.

In the coming months, we hope to strengthen our communication with you to advertise various volunteer opportunities as well as information on how to get involved. It is encouraging to see that all student-members are either very (52%) or somewhat (45%) satisfied with their experience at SETAC. [Interested in more details? Visit the SETAC on-line Student Community for an easy-to-read summary of the student survey.](#)

Your continued voice, and ideas are a cornerstone which strengthens and supports the relationship between SETAC and its student members. Thank you for your participation and involvement in the future of our scientific Society!!



Regional Chapter Updates

Laurentian Chapter Continues Green Traditions



Submitted by: Rebecca Dalton, Laurentian NASAC Board Member

Laurentian SETAC held its 15th Annual General Meeting and Conference on Friday June 4th in beautiful Niagara-on-the-Lake, home of historic monuments, beautiful scenery and world-class wineries. This year's theme was "*Totally Stressed Out: Multiple Stressors in our Environment*"

Prior to the main event, we kicked off the activities on June 3rd with our annual tree planting event to help offset the carbon footprint of our conference. In partnership with the Niagara Parks Commission, we planted native trees for each conference participant just a few hundred meters from the Falls. Later in the evening we enjoyed a tour of Niagara College's teaching winery. Attendees enjoyed learning about the process of making wine, the facilities at Niagara College as well as tasting a number of delicious wines and cheeses.

Our AGM and Conference was an action packed day with a number of outstanding platform and poster presentations. Our plenary speakers gave excellent presentations on our multiple stressors theme and represented SETAC's three pillars government, academia and consulting/business.

Our Plenary Speakers:

Joanne Parrott, Project Chief, Priority Substances Effects, Environment Canada – *A Complex Soup: Effects of Municipal Wastewater Effluents in Fish*

Jules Blais, Professor of Biology and Environmental Toxicology, University of Ottawa – *Northern Development, Contaminants, and Climate Change: Multiple Stressors and Multiple Challenges Affecting Canada's Northern Regions*

Ruth Hull, Senior Scientist, Intrinsic Environmental – *Linking research to decision-making: Using risk assessment to evaluate and reduce stress(ors)*

Laurentian Setacians also enjoyed a much needed break during the day to either participate in a tour of the waste and aggregate campus at Walker Industries or to relax on a self-guided tour of the Wetland Ridge Trail. Highlights of the Walker tour included:

- Tour of the state-of-the-art organic waste composting facility that reduces odour and compositing time
- Energy from waste landfill gas capture system
- Double liner and leachate collection system designed to meet new environmental requirements
- Examples of recycling/reusing material instead of landfilling

The very successful day wrapped up with food, drinks and socializing at our Post-AGM Social and Awards Ceremony.

Congratulations to our awards winners:

Best Oral Presentation Awards:

Ph.D.: Nicole Knezevich, Univ. of Waterloo

M.Sc.: Dana Moore, Univ. of Guleph

Best Poster Awards:

Ph.D.: Jose Luis Rodriguez-Gil, Univ. of Guelph

M.Sc.- Janice Wong, Univ. of Waterloo

Honors- Catherine Tee, Univ. of Waterloo

Llano Estacado Chapter Update



Submitted by: Kimberly Wooton, Llano Estacado Chapter of South Central Region

Texas Tech hosted the regional meeting for the South Central Chapter at the TTU-Junction campus from April 30-May 1st. Many members of LE-SETAC assisted in the planning of the meeting. There were a number of excellent presentations, with the award winners being:

Poster Awards:

1st place:

Adcharee Karnjanapiboonwong, Texas Tech University

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2nd place (tie):

David Kimberly, Texas Tech University

Darcy Chase, Texas Tech University

Platform Awards:

1st place: Eleanor Robinson, Baylor University

2nd place: Anna Hoffarth, Texas Tech University

3rd place: Sandy Wiggins, Texas Tech University

Additionally, our chapter has been continuing education outreach in local elementary schools, with recent activities addressing oil spills. We have also been participating in Operation Paperback, a book drive benefitting troops overseas.

Diverse Topics Make a Big Splash at the Mid-South Regional Meeting



Submitted by: Jennifer Goss, Mid-South NASAC Board Member and Brian Mulhearn, Mid-South Chapter Member

The Mid-South SETAC meeting May 20-21 was a success this year, with regulators, researchers, academia, industry, and educators participating in a two-day meeting at the University of Memphis. Topics and sessions began with a session on brownfields from an applied standpoint, a regulatory perspective from the Tennessee Department of Environmental Conservation, and a guest speaker from the Certified Hazardous Materials Managers organization, who also focused on greenhouse gases. This was followed by a session on nanomaterials, two sessions discussing wastewater, PCB, and enzyme measurement and responses, and finally water and sediment evaluation.

The meeting emphasized presentations and gave many students opportunities to present a platform rather than a poster, but there were also many excellent posters, running the range from behavior effects and responses for various chemicals to endocrine disruptors, ecological risk, sediment and surface water runoff management, and water sustainability.

Plenaries the following day included the Memphis District Corps of Engineers and a presentation by a local engineer who is managing the third bridge

across the Mississippi River. The project will result in many follow-up studies and includes other Mid-South SETAC members on the team, so it was certainly timely and pertinent. A plenary discussing toxaphene and the idea that, until recently, chemical analyses for toxaphene could lead to flawed decisions opened many eyes. We received many questions and few wanted to follow that discussion. However, the following plenaries were interesting as well. Pervious concrete, a practical application and "mixing engineering and science" was demonstrated by pouring water through concrete, and finally a presentation about SETAC to bring all into perspective and to discuss sustainability wrapped up the meeting.

Sponsors made student paper and presentation awards possible, and the judges had a rough time deciding who won what, despite using an objective, numerical method. Many scores were high, and they were very close if not the same. After announcing the winners, we adjourned and almost half of the participants canoed the Wolf River through one of the most populated freshwater mussel beds in the area. The water was high, and some of us were not experienced, so some of us went for an unplanned swim.

The meeting was a lot of work, but it was also a lot of fun and was very rewarding!

South Central Chapter goes "Wild" for Ecotoxicology



Submitted by: Benjamin J. Lundeen, South Central NASAC Board Member

The annual spring meeting was held April 30th – May 2nd, 2010 at the Texas Tech University campus/field station located in Junction, TX. The campus is located a couple hundred yards from the beautiful Llano River. This year's meeting focused on *Emerging Issues in Wildlife Toxicology*. The conference began with a short course by Dr. Chris Salice on *Probabilistic Ecological Risk Assessment*. The following day, seven platform and fourteen poster presentations were given highlighting ecotoxicological research in this region. The meeting concluded with a series of

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presentations addressing issues related to wildlife toxicology and management. The topics discussed ranged from contaminant effects to amphibians in the playa lakes to the potential hazards of wind power on wildlife. Student awards were given for best individual platform presentation and poster. In addition, several students received grants for outstanding research proposals. The recipients of the platform presentation and poster awards are highlighted below:

Platform Awards:

1st Eleanor Robinson (Baylor) – Semi-volatile organic compounds in Weddell Seals Blubber and Muscle Tissue from McMurdo Sound, Antarctica.

2nd Anna Hoffarth (Texas Tech University) – A Survey of Disease in Feral Swine (*Sus scrofa*) on the Southern High Plains.

3rd Sandy Wiggins (Texas Tech University) – Molecular Identification and Partial Sequencing of Cytochrome P450 1A1 in the Loggerhead Sea Turtle (*Caretta caretta*).

Poster Awards:

1st Adcharee Karnjanapiboonwong (Texas Tech University) – Uptake of 17 α -Ethinylestradiol and Triclosan in Pinto Bean (*Phaseolus vulgaris*).

2nd (tied):

Darcy Chase (Texas Tech University) – Synthetic Musk Fragrance Compounds in an Effluent-Impacted Aquatic Environment.

Dave Kimberly (Texas Tech University) – Evolutionary Responses and Environmental Stress: How Does Stressor Intensity Impact Heritability and Adaptation?

Chemistry is Theme for Ozark-Prairie Chapter



Submitted by: Ashley Jessick, Ozark-Prairie NASAC Board Member

This past May 20th- 21st our annual regional chapter meeting was held at Reichmann Pavillion at Stephens Lake Park in Columbia, MO. Our meetings theme was “Environmental Chemistry in Toxicology” and included invited talks from Tom

Leak, Roger Winters, and Bob Plastridge (ABC Laboratories, Columbia, MO) discussing “Pharmaceuticals in wastewater treatment effluents: Scope of the problem, analytical methods development, and case studies, as well as David Alvarez (U.S. Geological Survey, Columbia Environmental Research Center (CERC)) speaking on “Challenges for the ecosystem health of Lake Mead, Nevada: Organic contaminants and their potential effects on biota. Overall the meeting was a success with 7 presentations, 8 posters, and 31 attendees from 5 states. The meeting also included the opportunity for members to participate in tours of the Columbia Constructed Wetlands & Eagle Bluffs Conservation Area, USGS Research Center, or ABC Labs Chemical Services. The student award winners were:

Poster Session:

1st Place – Jessica Rich, Millikin University

2nd Place – Brittany King, Tuscumbia High School

MS Student Platform Session:

1st Place – Craig Stanley, Oklahoma State University

2nd Place – Brittany Holzer, Oklahoma State University

Ph. D. Student Platform Session:

1st Place – Ashley Jessick, Iowa State University

The planning is already underway for next year’s meeting to be held in Oklahoma. Please see the OP-SETAC Communities page for further information about next year’s meeting to be held sometime in May 2011. Check out our website at <http://sites.google.com/site/opsetac/> for additional information!

South Eastern/ Carolinas Chapter Update



Submitted by: Kristin Shirey, South Eastern NASAC Board Member

The Southeastern Chapter meeting was held jointly with the Carolinas Chapter March 25-27, 2010 at the University of Georgia in Athens, GA. There were 75 people in attendance from both chapters. We had 16 students from 9 universities across the Southeast who gave platform presentations and

there were 15 student posters.

The following students won awards:

Platform Awards:

1st place – Peter Hazelton, Univ. of Georgia

2nd place – Liwen Zhang, Univ. of Georgia

3rd place – Brad Glenn, Clemson Univ.

Poster Awards:

1st place – Joe Bisesi, Clemson Univ.

2nd place – Matthew Bowser, Univ. of South Carolina- Aiken

3rd place – Andrea Kirchoff, Clemson Univ.

Honorable mention: Rita Bagwe, Univ. of North Carolina- Charlotte (undergraduate)

The officers for 2010-2011 are:

President: Dr. James Rayburn, Jacksonville State Univ.

VP: Dr. Heather Sutton, Kennesaw State Univ.

Secretary: Dr. Nancy Denslow, Univ. of Florida

Treasurer: Dr. Jeffrey Zuiderveen, Columbus State Univ.

The 2011 Southeast Chapter meeting will be held jointly with the Alabama Academy of Sciences at Jacksonville State University in Jacksonville, AL.

South California Chapter Showcases Diverse Meeting and Special session



Submitted by: Vanessa Thulsiraj, South California NASAC Board Member

The Southern California SETAC Chapter held its Regional Conference on April 29th – 30th, 2010. This year, the conference was held at the Bahia Resort in San Diego, California. The annual meeting included a special session on Total Maximum Daily Loads (TMDLS) and a plenary session on marine protected areas. Other platform sessions focused on a wide range of topics including endocrine disrupters, sediment quality objectives, areas of special biological significance and environmental and aquatic toxicity. This year's conference was a huge

success, with attendance from representatives of the San Diego Regional Water Quality Control Board, Southern California Coastal Water Research Project and the Los Angeles County Sanitation District. A large number of attendees from academic institutions and environmental companies were also present. The SoCal SETAC chapter recognizes community outreach as one of its priorities. At this year's conference high school students from San Diego's prestigious High Tech High were invited to present posters to conference attendees. The SoCal SETAC 2010 Annual Meeting winners for the student poster and platform sessions were Susanna Blunt and Kristine Richardson. Congratulations to these students for their hard work and important research.

Poster Winner:

Susanna Blunt, Desert Research Institute, University of Nevada – “The influence of Microbial Community Structure on the Biotransformation of Pharmaceuticals and Endocrine Disrupting Compounds in Las Vegas Wash and Lake Mead, Nevada”

Platform Winner:

Kristine L. Richardson, UC Riverside – “In vitro biotransformation of Representative Polychlorinated Biphenyls by Liver Microsomes from 4 Species of Sea Turtle”

Chesapeake-Potomac Chapter Update



Submitted by: Barbara Beckingham, Chesapeake-Potomac NASAC Board Member

The Chesapeake-Potomac Chapter held their spring 2010 meeting at Towson University north of Baltimore, MD on April 19th. The keynote speaker, Dr. Sujay Kushal of the University of Maryland – Chesapeake Biological Laboratory, brought together the themes of many of the days' discussions in his keynote presentation on the “Influence of land use, climate change, and watershed restoration on contaminant dynamics”. Outstanding student research was acknowledged: Heather Campbell (West Virginia University) was awarded best poster for her research on “Methoprene and multiple stressor impacts on the energetic status of post-molt *Uca Pugnax*”, and Laura Lockard (University of Maryland-Baltimore/CBL) was awarded best platform for her presentation concerning “Dietary uptake and

toxicity of coal ash and selenium to larval grey tree frogs (*Hyla versicolor*)". The Chapter members look forward to increasing opportunities for networking through organizing sub-regional happy hours and outdoor activities in the near future – and students are encouraged to get involved in the planning (contact bbeck1@umbc.edu if interested)!

Upcoming Regional Meetings

Mexico Regional Chapter

Jiutepec Morelos

July 5th – July 9th, 2010



Ohio Valley Regional Chapter

Purdue University

Sept. 29th – Sept. 30th, 2010

Upcoming Events in SETAC

Check www.setac.org for more information on the meetings listed below:

Nano 2010

Environmental Effects of Nanoparticles and Nanomaterials

Aug. 22nd – Aug. 30th, 2010
Clemson University



31st SETAC North America Annual Meeting

Bridging Science with Communities

Nov. 7th – Nov. 11th, 2010
Portland, Oregon



21st SETAC Europe Annual Meeting

Ecosystem Protection in a Sustainable World: a Challenge for Science and Regulation

May 15th – May 19th, 2011
Milan Italy

SETAC North America Student Art Contest

Attention ALL Students!!

Here's your opportunity to mix some creativity into your science.

Submit artwork (photography, poetry, painting & drawing) inspired by the SETAC disciplines or the theme of the North America 31st Annual Meeting in Portland, Oregon – Bridging Science with Communities – and win some fabulous prizes!



Winners will be announced at the SETAC North America meeting in Portland. Submissions will be judged for originality and composition. Check out the SETAC North America Student Advisory Council (NASAC) booth in November to view the winning artwork!

If you are a SETAC member but cannot attend this year's meeting in Portland, don't let that stop you from channelling your artistic dynamism. SETAC is about community and involvement at all levels. Winning contributors not in attendance will be notified by email.

Please contact Barbara Beckingham (bbeck1@umbc.edu) of the Student Advisory Council with submissions by **November 1st, 2010**.

Other questions or ideas to encourage student involvement? Contact Juliska Princz at Juliska.Princz@ec.gc.ca, Chairperson, SETAC North America Student Advisory Council.

NASAC Member Updates

New NASAC Board Additions for 2010

Jennifer Brennan – Northern California

Jennifer Goss – Mid-South



I will be starting my Master's degree program in the fall 2010 at Texas A&M University in Wildlife and Fisheries Science with emphasis on aquatic toxicology and received my B.S. in biology from Mississippi College in 2004. I have been

working at the US Army Corps of Engineers-Engineer Research and Development Center in Vicksburg, MS since 2001 and currently work on the Sustainable Materials Research Team in the Environmental Laboratory specializing in ecotoxicology. My current work involves aquatic toxicology with *Pimephales promelas* (fathead minnows) and *Daphnia magna* (freshwater cladoceran 'water flea') and the effects of various forms of Nano Ag. I am a research technician and have worked on various projects involving sediment contamination, explosives exposures, and nanomaterial fate and effects. A current project I am working on is the indication of oxidative stress, via bioassays, in brain, liver, and gill tissues of fathead minnows exposed to two different types of silver, nano-PVP Ag and AgNO₃. While not in the lab, I enjoy spending time with my son Damien (4 yrs old), fishing, 4-wheeler riding, and camping along the Homichitto River.

Benjamin Lundeen – South Central

I am a PhD candidate in the department of Biological Sciences at the University of North Texas. I am working under Dr. James H. Kennedy. My research interests include aquatic ecology, environmental toxicology, stream ecology, and wildlife management. I am currently examining the relationship between bioaccumulation patterns of both emerging and legacy contaminants in *Corbicula fluminea* (Bivalvia: Corbiculidae) and watershed landuse. In addition, I am working with another student in our lab conducting freshwater mussel (Bivalvia: Unionidae) surveys along the Sabine River.



Vanessa Thulsirai – Southern California



Vanessa Thulsirai is a Ph.D. student in Dr. Jay's laboratory at the University of California Los Angeles. Her master's thesis examined sources of fecal indicator bacteria to an urban watershed impacted by nonpoint source pollution and urban runoff. Her doctoral research focuses on fecal source tracking utilizing molecular and rapid methods in urban watersheds and beach areas within Southern California and Tijuana, Mexico. She graduated from the University of California, Irvine in June 2007 with a B.S. in Environmental Engineering. She participated in the Minority Access to Research Careers (MARC) program as an undergraduate. Ms. Thulsiraj is a recipient of the NSF funded SEE-LA GK-12 Teaching Fellowship at UCLA. She serves as the president of the Engineering Graduate Student Association and is a volunteer online tutor for the Engineering Science Corps program. In addition to her position as a student representative on the SETAC North American Student Advisory Council, she is a member of the Society of Women Engineers and American Society of Civil Engineers.

New NASAC Members at Large for 2010

Ilya Slizovskiy

Rebecca Lazarus – Chesapeake-Potomac

Retiring Members (thanks for everything!)

Sam Pierce – Mid-South

Kathryn Hernandez-Roeder – South Central

Kristy Richardson – Southern California

Susanne Brander – Northern California

Human Health and Ecological Risk Assessment within SETAC

For many years, SETAC has had an active Ecological Risk Assessment Advisory Group (ERAAG). This group addresses various issues in ERA, which has resulted in special sessions at the annual meeting, various workshops, and the production of books (e.g., Population Level ERA, in 2008) and papers (e.g., Development and Use of Wildlife TRVs, in 2010). The advisory group is a great chance for people interested in ERA to

network and collaborate. For more information, visit <http://www.setac.org/node/25>.

SETAC is now forming a Human Health Risk Assessment Advisory Group (HHRAAG). The initial face-to-face meeting will be in Portland in November. For more information, contact Ruth Hull at rhull@intrinsikscience.com.

Everyone is welcome to join the ERAAG and/or HHRAAG. Hope to see you in Portland, where there will be numerous sessions relevant to both ERA and HHRA.

SETAC North America 31st Annual Meeting

Bridging Sciences with Communities

November 7-10th, 2010

Portland, Oregon



Special Events for Students:

Don't forget – you *must* pre-register for these events!

Monday, Nov. 8th, 2010

Noon-time Seminar (11:50 am – 1:00 pm)

Experience of New Professionals Starting Their Careers – perspectives from recent graduates – free registration with optional lunch purchase

Student Career-mentor Dinner – free registration with cost included in registration

Wednesday, Nov. 10th, 2010

Noon-time Seminar (11:50 am to 1:00 pm)

Networking is Key – network among students and professionals in a casual environment – if you have a suggestion for an area of expertise or professional you'd like to hear about – contact Juliska Princz or Teresa Norberg-King – free registration with optional lunch purchase

Silent Auction

Do you have a hidden talent making crafts or photography? Consider making a donation to the Silent Auction! The money raised helps benefit student activities!

For More Information visit: <http://portland.setac.org/> and <http://portland.setac.org/node/18> for Student Activities