

# OP-SETAC



**Fall 2002 newsletter**

## **BOARD NOMINATIONS:**

Tom Orr, Joe Bidwell, Keri Henderson, Steven Levine (P), Joel Coats (VP), Paul Morris (2003 meeting assistant)



The following people have been nominated to serve on the board beginning in January, 2003. Please review the sketches below and submit your support or opposition via email to Jen Anhalt at [anhalt@nsric.ars.usda.gov](mailto:anhalt@nsric.ars.usda.gov).

**Votes must be received  
by November 15<sup>th</sup>.**



## **BIOGRAPHICAL SKETCHES:**

**Joe Bidwell ([bidwelj@okstate.edu](mailto:bidwelj@okstate.edu)):**

I am presently an Assistant Professor in Zoology at Oklahoma State University, with a research emphasis on aquatic ecology and ecotoxicology. I completed my graduate studies at Virginia Tech, working on biomarkers of stress in fish for my masters

and then examining control strategies and associated stress responses in Asian clams and zebra mussels for my PhD. Between 1994 and 1999, I worked in Australia as a postdoc at Curtin University of Technology in Perth, and then as a Senior Lecturer at the University of South Australia. My work there was quite diverse, and included field monitoring of effluents in marine receiving systems, toxicity assessment of sediments in constructed wetlands and studies of pesticide effects on amphibians. I returned from Australia in 1999 and spent two years at Southeast Missouri State University before coming to Oklahoma in August 2001. In July of 2002, I was appointed director of the Ecotoxicology and Water Quality Research Laboratory here at OSU. Current projects in my laboratory include habitat assessment in wetlands and continuing studies of contaminant effects on reptiles and amphibians. I've been a SETAC member for 15 years now, but only attended my first regional meeting one year ago when I came to Stillwater for the OP regional. I was impressed with the quality of presentations and degree of student involvement. I would like to serve on the board to help foster the unique opportunities for interaction, instruction and exchange of ideas that OP-SETAC provides.

**Joel Coats ([jcoats@iastate.edu](mailto:jcoats@iastate.edu)):**

Joel is a professor and the chair of the Entomology Department at Iowa State University. He received his Ph.D. from the University of Illinois in 1974. His major research areas are insecticide toxicology and

environmental toxicology. His specific interests in insecticide toxicology include mechanisms of toxic action, selectivity, metabolism, and structure-activity relationships. He conducts studies on the spectrum of activity and mode of action of several classes of natural products as insecticides. Their potential utility in insect control is evaluated, derivatives and analogs are synthesized and bioassayed, and structure-activity relationships are developed. Dr. Coats teaches Insecticide Toxicology and portions of Pesticides in the Environment, Principles of Toxicology, and Toxicology Methods. He is also active in the interdepartmental toxicology major and has served as its chair for four years.

**Keri Henderson ([hendersk@iastate.edu](mailto:hendersk@iastate.edu)):**

I was raised on a farm near Grinnell, Iowa, which probably explains my curiosity and attraction to science. I received my B.A. in Biology and Secondary Education from Wartburg College in Waverly, Iowa in 2001. While at Wartburg I participated in track and several clubs and honor societies. During the summer of 2000, I received a research internship through the Program for Women in Science and Engineering at Iowa State University in Joel R. Coats' Pesticide Toxicology Lab. I gained valuable lab experience and learned about the areas of phytoremediation and pesticide fate. I thoroughly enjoyed the experience and decided to pursue graduate degrees in toxicology, specifically focusing on environmental fate and effects.

I am currently working on my M.S. in Toxicology at Iowa State. My research interests include pesticide fate and phytoremediation and plant uptake. I plan to stay at Iowa State to obtain my Ph.D. and pursue research in the environmental fate and effects of veterinary antibiotics.

I would like to serve on the OP-SETAC board because I enjoy organizing events and meeting new people. I would also like to help expand the education aspect of SETAC's goals, and I believe my background in science education may be helpful.

**Steven Levine**

([steven.l.levine@monsanto.com](mailto:steven.l.levine@monsanto.com)):

Steve has been actively working in the area of environmental toxicology for almost 15 years and has been a member of SETAC since 1991. Recently, he has been working as a ecotoxicologist for the Monsanto Company. Steve received his B.S. degrees in Conservation and Biology and M.S. and Ph.D. degrees at the University of Wisconsin-Milwaukee and Miami University, respectively. Postdoctoral work was done at Penn State's Center for Molecular Toxicology where his research was supported with a NIEHS Post-Doctoral Fellowship. The majority of Steve's research has focused on the biochemical regulation of xenobiotic metabolism. Steve served on the OP-SETAC Board of Directors in 2001 and 2002. If elected as OP-SETAC President, Steve is committed to hosting a sensational OP-regional SETAC Chapter meeting in St. Louis during 2003.

**Paul Morris**

([nrmorrp@mail.dnr.state.mo.us](mailto:nrmorrp@mail.dnr.state.mo.us)):

Paul worked for the Monsanto Co. in research and development for six years after college. He now works as an Environmental Specialist for the State of Missouri and is located in St. Louis. His work includes water pollution control issues for stormwater runoff from industrial and construction sites in this urban region and inspection oversight of the Metropolitan Sewer District's and other wastewater treatment facilities. Paul is married and has two children in elementary school. He is also known as "Swim Paul" because he works out in the pool 3 - 4 days each week and is a member of the US Masters Swimming organization.

**Tom Orr** ([thomasorr78@hotmail.com](mailto:thomasorr78@hotmail.com)):

I graduated from Miami University in Oxford, OH in May of 2001 with a B.A. in Zoology. I began my M.S. program at Southern Illinois University in January 2002. I am working with Dick Halbrook on a research project entitled "Sediment toxicity associated with oil and/or brine spills in southern Illinois."

I feel that OP-SETAC is a great way to network and share ideas with other members. A benefit of membership is the diversity of the group. It is composed of people from academia, industry, and government agencies. This diverse membership is a great way to share thoughts about your topic of interest and to gain insight into other areas of toxicology.

The connections made from OP-SETAC may result in a job or future research opportunities.



### 2002 meeting statistics:

For our 2002 meeting in Omaha, NE, (May 16-18) we had 15 paying students and 10 paying non-students for registration and membership. Another 2 paying non-students for registration only and 6 non-paying speakers were in attendance. Unfortunately this was not a money making, or even break even meeting and Tim Madsen (our treasurer) estimates a loss of \$997.00.

Lots of thanks goes to Alan Kolok and his students for all of their hard work in setting up the 2002 meeting. For those of you not in attendance, we had some really good poster and platform presentations (as usual). We also had a neat behind the scenes tour of the aquarium at the Henry Doorly Zoo in Omaha. Following the zoo trip we witnessed a hit-and-run on the freeway and then had a picnic in the park. Oh, and did I mention volleyball? Many, many games and great weather too!!



### Summary of 2002 board meeting:

SETAC North America sent Charlie Menzie to speak to us about achieving a balance with academia, government, and industry. He stressed that SETAC is a global society and that we need to look in four directions for the future:

1. operations (dependable, you know what you'll get)
2. excellence in programs
3. excellent membership support (a focus on personal needs)
4. advocacy



### Student competition winners:

#### Platform presentation:

- 1<sup>st</sup> place: Colette Degarady  
2<sup>nd</sup> place: Robert Bringolf  
3<sup>rd</sup> place: Jason Belden

#### Poster presentation:

- 1<sup>st</sup> place: Jason Beldon  
2<sup>nd</sup> place: Bryan Clark  
3<sup>rd</sup> place: Keri Henderson

Remember, if you are one of the competition winners, you need to arrange to pay for subscription/trip, etc. and then contact our treasurer, Tim Madsen, to be reimbursed. If you are unsure how to go about this, see our website <http://wwwaux.cerc.cr.usgs.gov/opsetac> or email Tim directly [madsent@abslabs.com](mailto:madsent@abslabs.com).



### T-SHIRTS:

We still have t-shirts available and would love for folks to buy them and support OP-SETAC. Shirts are available for the 2002 & 2001 meetings. There are 10 Large and 12 extra large 2002 meeting t-shirts, and there is 1 medium and 2 large of the 2001 meeting t-shirts.

The cost is \$8.00 per shirt or 2 for \$15 for the 2002 t-shirts and \$5.00 each for the 2001 shirts. The shirts will be at the National meeting coming up in November or you can contact Alan Kolok ([akolok@mail.unomaha.edu](mailto:akolok@mail.unomaha.edu)) at any time.



### DONATIONS:

Many thanks to the organizations that have continued to support OP-SETAC with financial donations.

SETAC-NA: \$260 donation  
Monsanto: \$500 donation  
Bayer AgSciences: \$500 donation  
ABC Laboratories: \$100 donation

This leaves us with about \$5300 as of September 1, 2002.

Just a reminder that SETAC-NA has its annual meeting quickly approaching:

***SETAC 23rd Annual Meeting  
Salt Lake City, Utah  
16 - 20 November 2002***

***Achieving Global Environmental Quality:  
Integrating Science & Management***



***16 - 20 November 2002***

## WEB SITES:

### OP-SETAC:

<http://www.waux.cerc.cr.usgs.gov/opsetac>

### SETAC:

<http://setac.org>

Please keep in mind that John Besser is always looking for things to post on our website. If you have articles or job announcements or just news we'd all like to hear, please let him know. You can contact John at [john\\_besser@usgs.gov](mailto:john_besser@usgs.gov).

## EMAIL:

Please submit your email address to me. I am attempting to compile as many email addresses as possible in order to reduce our mailing costs. If you have a new email or are receiving this newsletter as a hardcopy, please email me so I can add you to my list and update our files. Thanks!  
Jen Anhalt, Secretary.

[anhalt@nsric.ars.usda.gov](mailto:anhalt@nsric.ars.usda.gov)

Our current board is as follows, until January 2003:

Alan Kolok, President  
Steven Levine, Vice President  
Jen Anhalt, Secretary  
Tim Madsen, Treasurer  
Jason Beldon, Board member  
Rober Bringolf, Board member  
Moira McKernan, Board member

Point of Business: The board has voted against providing travel funds to student board members for their travel to SETAC-NA.