

Ozark-Prairie News

April 1999

Society of Environmental Toxicology and Chemistry

Notes from the Ozark Prairie SETAC President

"Spring flowers, songbirds, and tornadoes (sure signs of spring in the Ozarks and the Prairies!) turn our thoughts to the Spring Chapter Meeting, polishing abstracts and winning student awards."—Besser

Greetings!

Spring is a busy time for environmental scientists, especially those of us associated with the Ozark-Prairie Chapter of SETAC. I hope all of you who read this newsletter - whether you are currently a Chapter member or not - will participate in some of the following Chapter activities:

Annual Meeting - Spring flowers, songbirds, and tornadoes (sure signs of spring in the Ozarks and the Prairies!) turn our thoughts to the Spring Chapter Meeting, polishing abstracts and winning student awards. This year's meeting promises to be a memorable one. It will be held May 20-22 at Carbondale, Illinois, hosted by our chapter past-President, Dick Halbrook, and sponsored by the Cooperative Wildlife Research Laboratory at Southern Illinois State University. Most meeting activities will be held at SIU's Touch of Nature Environmental Center. Although this represents a change from the original site, Giant City Lodge, the meeting retains its beautiful natural setting, including the Shawnee National Forest and the Crab Orchard National Wildlife Refuge. Some meeting events will still use the Giant City Lodge, and lodging in the cabins at Giant City State Park is still available. See the meeting announcement or the chapter web site for more details.

Student Award Competition - Although the chapter meeting has much to offer SETAC'ers of every age and professional status, the biggest draw (except perhaps for volleyball) is the Student Awards program. As always, the chapter and its sponsors will offer six awards to students who present platform and poster presentations. The comfortable size and relaxed atmosphere of chapter meetings is the perfect setting to work on your presentation skills. Many students who participate also benefit by winning awards which help them take their material to 'the next level' with the help of a year's paid SETAC membership (with journal) or, better yet, with \$500 in support for travel to this year's SETAC meeting in Philadelphia! Please help us spread the word - we encourage any student involved in research to submit an abstract and give a presentation in Carbondale!

Board Nominations - the OP-SETAC Board of Directors is soliciting nominations for new members for the new millennium. We will have at least two - possibly as many as four - openings for board members for three-year terms to begin January 2000. Serving on the board is NOT an overwhelming commitment of your time - we only

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"Web"sters!!

Visit the Ozark-Prairie homepage on the World Wide Web:

<http://wwwaux.cerc.cr.usgs.gov/opsetac/>

Interested in helping?
Contact John Besser at
<John_Besser@usgs.gov>

meet three times a year, including the chapter and national SETAC meetings - but it IS an enjoyable and rewarding way to make professional contacts (and friendships) in the Ozark-Prairie region. We are always looking for nominations who represent the geographic, professional, and employment diversity of the chapter. Contact me if you know anyone who you think would be a good board member, or if you would like to nominate yourself.



OP-SETAC Annual Meeting Update

May 20-22, 1999

Dick Halbrook



There have been some changes for our annual meeting, but I think they are good changes and things are starting to come together (at least I think they are -- finally - maybe). The actual meeting place will be the Touch of Nature Environmental Center which is part of SIU and just a few miles down the road from the Giant City Lodge. Cabins are reserved for OP-SETAC at the Giant City Lodge, and we also have rooms reserved at the Best Inns in Carbondale. In addition, the Touch of Nature Environmental Center has rooms that are available. As indicated in our last meeting announcement, Sara at Thunderbird Travel in Carbondale has all the information on available rooms and cabins and it would be best to make reservations through her (800) 437-8747. Reservations for cabins at Giant City Lodge that are not reserved by May 3 will be canceled so if you would like to stay at the Lodge please make your reservations early. Transportation will be provided and available at all times from the Best Inns in Carbondale or Giant City Lodge to the Touch of Nature Environmental Center.

Directions to Touch of Nature Environmental Center.

Coming into Carbondale on Illinois State Route 13 from the West, pass through Carbondale, pass the University Mall, U.S. Post Office, Best Inns Motel, Steak and Shake, and Burger King on the right. At the Giant City Road stop light take a right, go approximately 8 miles until you see the sign for the Touch of Nature Environmental Center on the left. Turn left at the sign and follow the OP-SETAC signs to the Indian Building. For those of you traveling to the Giant City Lodge, continue down the Giant City Road another few miles until you come to a stop sign. Take a left at the stop sign and go approximately 1/2 mile, the Lodge and cabins will be on your right.

Coming into Carbondale on Illinois State Route 13 from the East, take a left onto Giant City Road (first stop light as you enter Carbondale, Wal Mart Super Center and Taco Bell will be on your right). Follow directions given above.

The program (as it currently stands) is given below.

Thursday May 20

Meeting place - Indian Building, Touch of Nature

1:30 - 4:00 Eco Risk Game (continuing education) lead by Richard Kimerle

4 - 5:30 Poster set up, Friends Room, Touch of Nature

5:30 - 6:30 Dinner (included in registration), Friends Room, Touch of Nature

6:30 - 8:30 Poster viewing (judging), social, Friends Room, Touch of Nature

Friday May 21

Meeting place - Indian Building, Touch of Nature

9 - 11:30 Platform Presentations and Chapter Meeting

12:00 - 1:00 Lunch at Giant City Lodge (included in registration)

1:30 - 4:30 Field trip to Crab Orchard National Wildlife Refuge (restoration sites)

5:00 - 10:00 Dinner (included in registration), "Buffalo Tro" (a Touch of Nature Signature Event), at the Lions Pavilion, Touch of Nature

Saturday May 22

Meeting place - Indian Building, Touch of Nature

8:30 - 9:30 OP-SETAC Board Meeting

9:30 - 11:30 Plenary Session "Environmental Remediation: How Clean is Clean", Presentation of Poster and Platform Awards.

Speakers:

Dr. Matt Vick, Contaminants Specialist, Crab Orchard National Wildlife Refuge

Dr. Stephen Davis, Remediation Projects, Waste Management Research Center, Illinois Department of Natural Resources.

Dr. Kevin Turner, On Scene Coordinator, U.S. EPA (formerly Remedial Project Manager, U.S. EPA)

11:30 Adjourn

<http://www.waux.cerc.cr.usgs.gov/opsetac/1999meeting.htm>

Abstracts for a contributed platform or poster are welcome. OP-SETAC membership not required.

All Abstracts should be in MS Word or Corel WordPerfect in electronic copy. Indicate preference for PLATFORM OR POSTER.

E-Mail electronic Abstracts to:
Dick Halbrook rhalbroo@siu.edu

DEADLINE: May 3, 1999

Dick Halbrook
Cooperative Wildlife Research Laboratory
Southern Illinois University
Carbondale, IL 62901-6504
618-453-6946
618-453-6944 (FAX)



OP-SETAC Board Minutes

January 15, 1999 Meeting

Present: John Besser (President), Dick Halbrook (Ex-officio), Sheryl Beauvais (Treasurer and Newsletter Editor), Lisa Bowers (Secretary), Tilghman Hall (Vice-President), Marcia Nelson (Newsletter Editor), Ellen Arthur, Shelley Gray, Steve Hicks. Visitor: Alan Kolok (Univ. of Nebraska-Omaha)
Columbia, Missouri.

Treasurer's Report. OP-SETAC's budget is in good shape for the 1999 meeting, but we need to solicit corporate donations. All 1998 Student Travel awards and membership awards have been reimbursed.

Lisa Bowers needs to facilitate the Bayer Corporation donations to OP-SETAC. Bayer needs to catch up with a \$500 donation to fund the 1998 Student Travel Award, an oversight. At the same time Lisa will get 1999's donation and the travel award will be set up for the 1999 meeting. Lisa will send Sheryl a sample letter to initiate the process of getting the money into OP-SETAC's account.

Tilghman Hall will contact Mike McKee to see if Monsanto can continue to support the chapter. Steve Hicks will ask ABC Labs if they can make a donation this year. Doug Fort told us at the National SETAC meeting that Stover would like to continue to sponsor the newsletter, so Sheryl Beauvais will follow up with Doug to get that donation.

Tilghman and Steve should discuss the option of sponsoring a particular activity or award that the corporation could publicly sponsor. Currently, Stover sponsors the newsletter and Bayer sponsors the student poster winner's travel award. Right now the Platform winner's travel award is from OP-SETAC, but could be from a specific sponsor.

1999 Regional Meeting

Date Change: Thursday, May 20 to Saturday, May 22, 1999 at the Giant City Lodge, Giant City State Park, near Carbondale, Illinois. The meeting is

being planned and sponsored by Dick Halbrook of Southern Illinois University. The meeting will be held at Giant City State Park, and a field trip on Friday to Crab Orchard Wildlife Refuge. Learn more at: www.waux.cerc.cr.usgs.gov/opsetac/ (*Please see the current article on the annual meeting in this issue for up-to-date details.*)

Newsletter

Marcia and Sheryl accepted congratulations on the wonderful newsletter. Very nice and much improved. Plans are ongoing to post the newsletter on the web page. Details will be worked out by John Besser and Marcia Nelson to get that done.

Student Awards

Marcia is going to look into National SETAC travel awards and write an article for the newsletter. These funds are separate from the travel awards sponsored by Bayer and OP-SETAC. Also, Marcia will highlight the opportunities to make money at the National meetings as a student projectionist.

OP-SETAC Homepage

OP-SETAC will purchase webpage software to help John Besser and Marcia Nelson put together information for the OP-SETAC web site.

OP-SETAC Vice President

Tilghman Hall was unanimously elected to be Vice President for OP-SETAC. Congratulations, Tilghman.

Membership and Recruitment

Ellen Arthur, Lisa Bowers and Marcia Nelson will discover new and improved methods to increase membership. More details will be worked out later. We'd like to do some sort of mailing to increase our visibility and membership in the region. Ellen will contact National to see what tools are available to us especially electronic lists taken from the

National directory. We plan to do a membership flier along with a meeting announcement before April. Dick Halbrook will mail the t-shirts to Lisa Bowers. Lisa will use them as an incentive for the membership activities under development.

Nebraska Connection

John Besser will follow up with Alan Kolok and other contacts in Nebraska. We'd like to have a regional meeting in Nebraska - possibly in 2001 or 2002. A lot of toxicology work going on at the various universities in NE, so we'll try to strengthen that connection.

Email Potential

At the next regional meeting, we will ask the members to comment on whether they would like to get the newsletter electronically.

South Central SETAC

Lisa Bowers will contact Mike Lydy to see when the 1999 regional meeting will be held and where. Everyone agreed that last year's meeting was a good one. Unfortunately, the timing was not good for OP-SETAC and we had very low attendance from our chapter. So, we're back to May for our meeting.

Iowa State University

We need to catch up with ISU. Ellen will contact Gary Atchison, Joel Coats, Lou Best, Tammy Stafford, Kevin Cole, et al., and see what the various departments are doing, how many grad students are in the various graduate programs, and whether we can have a regional meeting in Iowa in 2000. It's about time to go back to Ames.

Board Member Elections

Board member nominations will be collected at the regional meeting and the deadline for nominations will be soon after. Lisa and Sheryl will coordinate these activities. The details can be finalized at the Board meeting in May. Elections ballots will be mailed to paid members in July or August. The results will be known prior to the National SETAC meeting. The board member terms begin and end in January.

Lisa Bowers—January 20, 1999



SETAC Student Travel Award

[Http://www.setac.org/awards.html](http://www.setac.org/awards.html)

The purpose of the SETAC Student Travel Award Program is to encourage the attendance and participation of student members of SETAC at the annual meetings. Encouragement is provided as a monetary award in support of travel and accommodations for students presenting research findings at an Annual Meeting. The award will be made directly to the student.

Requirements and Limitations: APPLICANT MUST BE A SETAC STUDENT MEMBER IN GOOD STANDING. Monetary support equal to the Award must be provided by either the student, student's institution, advisor, or from other sources. One award will be allowed during a particular degree program, with a maximum of two awards allowed per student (e.g., one during Master's and one during Doctoral study). You may only apply for one travel award (e.g., Student Travel Award or SETAC Program for Minority Students and Mentors) in any given year. Applicants must be making a platform or poster presentation at the Annual Meeting.

Application Materials: The following materials comprise a complete application package. Incomplete applications will not be eligible for awards. One copy of the complete application package should be received at SETAC Office by 1 September, the year of the Meeting.

A completed application form;

A copy of the applicants abstract;

A one-page curriculum vitae of the applicant;

A statement of research goals and accomplishments by the applicant (one page maximum);

A supporting statement by the applicant's research advisor (one page maximum); and

Evidence of the required monetary match.

EACH APPLICATION MUST STAND ALONE; GROUP APPLICATIONS WILL NOT BE ACCEPTED.

Evaluation Procedures: Ideally, all applicants for a travel award will be funded. However, because the number of awards is limited by available funds, applicants will be ranked on the basis of the following criteria:

Completeness and timeliness of the application package;

Quality of the abstract; and

Organization and presentation of applicant's statement of goals and accomplishments.

If the number of highly meritorious applicants exceeds the available funds, selections will be made with the objectives of maintaining discipline- and geographical-based distribution.

To request an application for this award, please email at setac@setac.org or contact:

Society of Environmental Toxicology and Chemistry (SETAC)

1010 North 12th Avenue

Pensacola, FL 32501-3367

T 850-469-1500

F 850-469-9778

SETAC

Graduating Students

<http://www.setac.org/students.html>

To help students obtain that first job, SETAC is providing space for students to post a brief synopsis of their course work or thesis, and a description of what they are looking for in a career.

You may e-mail a 500 word curriculum vitae to the SETAC Office where it will be posted on this site from 3 months prior to your graduation, to 3 months after you graduate. If you have any questions, please contact Cheri Mertins at the SETAC Office, <cmertins@setac.org>.



SETAC Program for North American Minority Students and Mentors in Environmental Toxicology and Chemistry

<http://www.setac.org/awards.html>

SETAC is pleased to announce a program to introduce North American minority students and/or their faculty mentors to the Society and to the professional opportunities offered in the fields of environmental toxicology, environmental chemistry, and risk assessment. The long-term goal is to increase the awareness among minorities of educational opportunities and career choices in the fields encompassed by the members of SETAC.

Selected individuals will receive a one-year membership to the Society and funds in support of travel to each SETAC annual meeting, including meeting registration costs, admission to one short-course, and admission to all social functions. Individuals will be selected on a competitive basis; the selection process will be implemented through the SETAC Awards & Fellowship Committee. Applications must be received by the SETAC Office by 1 September the year of the meeting. For more information, or to obtain additional copies of the application materials, contact the SETAC Office (T 850-469-9777; F 850-469-9778; setac@setac.org).

Application Procedure and Criteria for Selection: For the purposes of this award, the term "minority" refers to Blacks, Hispanics, Native Americans, Asian Americans, Pacific Islanders, and other ethnic groups designated by the Board of Directors. North American minority undergraduate students, graduate students, and faculty mentors of these students with an interest or area of study allied with SETAC will be eligible to apply. One copy of an application package must be received by the SETAC Office by 1 September. (Applications received by FAX will not be accepted.) The application package should include the following items:

A completed application form;

A one-page curriculum vitae of the applicant;

A one-page statement of educational/professional goals and accomplishments by the applicant, and how these goals and accomplishments coincide with the mission of SETAC; and

A letter of endorsement by the applicant's faculty advisor (for students) or academic supervisor (for faculty), one-page maximum.

Ideally, all applicants would be sponsored. However, because the number of awards is limited by available funds, applicants will be ranked on the basis of the following criteria:

Completeness and timeliness of the application package;

Quality of educational/professional goals and accomplishments in relation to the background of the applicant; and

Organization and presentation of the applicant's statement of goals and accomplishments.

If the number of highly meritorious applicants exceeds the available funds, selection will be made with the objectives of maintaining educational, discipline- and geographical-based distribution. You may only apply for one travel award (e.g., Student Travel Award or SETAC Program for North American Minority Students and Mentors) in any given year.

To request an application for this award, please email setac@setac.org or contact:

SETAC

1010 North 12th Avenue

Pensacola, FL 32501-3367 U.S.A.

T 850-469-1500

F 850-469-9778



SETAC 2000 Pre-Doctoral Fellowship Announcement

<http://www.setac.org/awards.html>

2000 FELLOWSHIP ANNOUNCEMENT

Society of Environmental Toxicology and Chemistry \$15,000 Pre-Doctoral Fellowship Award

Sponsored by the Procter & Gamble Company

Description: The Society of Environmental Toxicology and Chemistry (SETAC) Pre-Doctoral Fellowship, sponsored by The Procter & Gamble Company, provides a \$15,000 (U.S.) stipend for a full calendar year. The Fellowship will be awarded on a competitive basis to a pre-doctoral student devoting full time to dissertation research and who is within two years of completing her/his graduate studies. Preference will be given to students pursuing their Ph.D. degree in some area of environmental toxicology, environmental chemistry, or risk assessment, especially if the research is clearly related to non-human target organisms and their environment. The awardee may elect to have the stipend payments initiated either 1 January 2000 or 1 July 2000.

Eligibility: Pre-doctoral students whose research area and academic standing are consistent with the above description of the Fellowship may apply. **THE DISSERTATION DIRECTOR MUST BE A SETAC MEMBER IN GOOD STANDING.** Because the \$15,000 is paid to the recipient's institution to cover the cost of the Fellowship stipend, and because no overhead expenses are allowed, it is necessary that an authorized representative approve the application on behalf of the institution.

Application Instructions: An application packet containing, in order, the following materials must be submitted through the dissertation director. The application packet must contain all of the materials requested to be considered for an award.

Cover page containing title of Fellowship, title of research proposal, name and mailing address of applicant and authorized institutional representative, and approval signatures of dissertation director and authorized representative of the institution. State the amount of the Fellowship (\$15,000) and the 12-month period (1 January - 31 December 2000 or 1 July 2000 - 30 June 2001) to be covered by the award.

A description of the dissertation research prepared by the applicant consisting of (a) title; (b) objectives; rationale; (d) relevancy to environmental quality or risk assessment (e) general methodological approaches; (f) significance of anticipated results; and (g) a report of progress on work completed on the project to date. This entire section (a-g) must not exceed 10 pages of single-spaced text.

A curriculum vitae of the applicant (2 pages maximum), transcripts of all graduate work, and a listing of undergraduate courses relevant to the applicant's field of specialization.

A letter in support of the applicant from the dissertation director that includes a statement that resources required to conduct the research are available to the applicant and that the proposed research can be completed during the period of the fellowship.

Eight (8) collated copies of the material requested above should be sent to SETAC, 1010 North 12th Avenue, Pensacola, FL 32501-3367, U.S.A. Completed application packets must be received in the SETAC Office by 1 September 1999.

Reports and Acknowledgements:

Copies of the dissertation and any article, paper, or manuscript prepared under the Fellowship are required from the recipient. These should be sent to

the SETAC Office at the above address. Publication resulting from work under the Fellowship should bear the following statement: "This work was supported by the Society of Environmental Toxicology and Chemistry (SETAC) Pre-Doctoral Fellowship, sponsored by The Procter & Gamble Company."

Selection of Awardee: The recipient of the Fellowship will be selected by the SETAC Fellowship Committee. Proposals will be ranked for excellence in various categories, including curricular content and performance, objectives and rationale of the proposed studies, relevancy of the research, originality, soundness of approach, feasibility of accomplishing stated objectives, organization and presentation of the proposal, and quality and quantity of research in progress. Proposals by applicants for whom English is a second language may benefit from a pre-submission review for grammar and content. Announcement of the awardee will be made at the 19th SETAC Annual Meeting in Philadelphia, PA, 14 - 18 November 1999. All applicants will receive a written critique of their proposals.



SETAC 1999 20th Annual Meeting

Sustaining Global Environmental Integrity

<http://www.setac.org/philly.html>
Abstracts due: May 1, 1999

14 - 18 November 1999 Pennsylvania Convention Center Philadelphia, PA, USA

SETAC announces the final call for abstracts to be presented at the SETAC 20th Annual Meeting, Philadelphia, Pennsylvania. The meeting theme, Sustaining Global Environmental Integrity, is highly appropriate as our global community becomes more connected politically, socially, and environmentally. Our professional society, SETAC, must not only be aware of and understand sustainable development, global issues, and environmental integrity, but we must become involved in current and future programs and initiatives that will ensure the continued protection and enhancement of our environment leading to a more harmonious existence on this planet. The meeting in Philadelphia will focus on the issues described above as well as local issues and current topics of interest to our professional society.

Sunday evening's keynote speaker and the Monday morning plenary sessions will focus on and complement the meeting theme. A cross-cutting discussion and potential debate on sustainable development and environmental integrity will be presented on Monday morning with business, environmental group, academic, and political representation.

Many proposed sessions reflect the theme we have chosen for the meeting. In addition, these sessions will be complemented by more than 50 additional technical sessions on environmental chemistry, environmental toxicology, ecological risk assessment and risk management, regional issues, and environmental policy. As in previous years, the program is expected to attract over 1,800 quality abstracts. Interactive posters will continue this

year as an excellent venue for discussing scientific issues. Posters will again be up for a full day (except for Monday pm - only) to allow for time to fully view posters and interact with the authors. Many short courses will be offered, each designed to enhance your knowledge in a particular area and provide you the continuing education you desire. The Pennsylvania Convention Center has the largest exhibition space of any SETAC meeting to date and the Program

Committee is working hard to enhance the exhibition portion of the program, which may include some virtual exhibitors before, during, and after the meeting. You will have plenty of opportunity to see and interact with vendors on the most recent products, services, software, and publications in the environmental sciences. As in previous years, students will have plenty of informative and engaging activities.

The City of Brotherly Love, Philadelphia, is considered the safest of the top 10-US cities by the US Department of Justice, the friendliest of the 10 major US cities, and the 3rd most livable city in the US. Although Philadelphia is teeming with things to do, we will hold an event at a local scientific venue, the Franklin Institute, a world-renowned display and hands-on



scientific museum. Like Charlotte (site of last year's Annual Meeting), it also has an OMNIMAX theater. Lists and locations of restaurants and sights, subway maps, easy in-town transportation, etc. will be provided in your registration packet as well as prominently displayed in each meeting hotel and the convention center to assist you in touring the town and surrounding areas. Philly truly has so much to do. Of course, a spouse/guest program will be offered. Plans include a city tour, a visit to Liberty Square, and a trip to nearby Longwood Gardens, one of the top public gardens in the US.

The 1999 SETAC Program Committee and the SETAC Office staff are working hard to provide you with the best SETAC and the area can offer.

We hope to see you in Philly in November 1999.





Marcia Nelson or Sheryl Beauvais
USGS Biological Resources Division
Columbia Environmental Research Center
4200 New Haven Road
Columbia, MO 65201

Ozark-Prairie SETAC News

Ozark-Prairie Chapter Board of Directors Society of Environmental Toxicology and Chemistry

President John Besser, '01
Vice President Tilghman Hall, '02
Secretary Lisa Bowers, '00
Treasurer/Editor Sheryl Beauvais, '01
Ex-Officio Dick Halbrook, '00
Editor Marcia Nelson, '01
Ellen Kruger Arthur, '01
Shelley Gray, '02
Steve Hicks, '02

Membership

Any interested person is welcome to join Ozark-Prairie SETAC. Although membership with national SETAC is encouraged, it is not required for Chapter membership.

