



Midwest Chapter  
Society of Environmental  
Toxicology and Chemistry



## 2015 Call for Papers and Meeting Information

**ABSTRACTS FOR PLATFORM & POSTER PRESENTATIONS  
ARE NOW BEING ACCEPTED!**

**Joint Meeting of  
The Midwest Chapter of the Society of Environmental Toxicology and  
Chemistry  
&  
The Northland Chapter of the Society of Toxicology**

**March 9 to 11, 2015**

**Held at:**

**US EPA Mid-Continent Ecology Division, Duluth, MN**

### **MEETING THEME:**

***Understanding Toxic Effects: Pathways, Modes, Mechanisms, and Modeling***

The **Midwest Chapter of the Society of Environmental Toxicology and Chemistry** (MW SETAC) and the **Northland Chapter of the Society of Toxicology** (NLSOT) are soliciting platform and poster session papers for presentation at their joint regional meeting. The meeting will be held at the U.S. Environmental Protection Agency's Mid-Continent Ecology Division in Duluth, MN on March 9-11, 2015.

Presentations are welcome in all areas of science relevant to either Midwest SETAC or Northland SOT, and we especially encourage those that speak to the overall meeting theme. Presentations may include those from previous national conferences. Membership in either society is not required to attend or present. Details on the abstract submission process are provided below.

### **CONFERENCE OVERVIEW**

For this meeting, a program of oral presentations, posters, a short-course, tours, and social activities is planned. Each day of the technical meeting will have a Plenary Session with invited presentations by several nationally and internationally recognized scientists. In addition to the plenary program, we will have several **platform and poster sessions** covering a variety of topics.

A **short course** will precede the main meeting on the afternoon of Monday, March 9. This short course will be of interest to both human health and ecological toxicologists, reviewing some basic principles and example applications. The course is titled:

**AOP 101: Overview of the Adverse Outcome Pathway (AOP) Framework and Its Applications to Chemical Safety Assessment and Environmental Monitoring.** Instructors include Dan Villeneuve and Anthony Schroeder, with the following sessions:

- Introduction to the AOP Framework and Key Principles of AOP Development
- Hypothesis driven environmental monitoring using pathway knowledge and high throughput screening
  - Demo of the AOP-wiki
  - AOP development case studies – a hands-on session

Starting in the evening on Monday, March 9, we will have a pre-meeting social reception and a brewery tour (tentative). The technical program will begin on Tuesday with platform sessions followed by a poster session from 5:00 to 6:30 p.m. Food and beverages will be provided at the poster session. This informal session provides opportunities for technical and informal discussions with colleagues. The meeting will conclude on Wednesday with additional platform presentations and an optional tour of the EPA Mid-Continent Ecology Division’s research facility.

## **2015 MEETING SCHEDULE AT-A-GLANCE: March 9 to 11**

### **Monday, March 9**

- |  |                  |
|--|------------------|
| • Registration                                     | Noon – 1:00 p.m. |
| • Short Course: Adverse Outcome Pathways (AOP) 101 | 1:00 - 5 p.m.    |
| • Opening Reception                                | 5:30 – 7:30 p.m. |

### **Tuesday, March 10**

- |                                       |                  |
|---------------------------------------|------------------|
| • Midwest SETAC Board Meeting         | 7 – 8 a.m.       |
| • Registration, Continental Breakfast | 7:30 a.m.        |
| • Welcome and Meeting Overview        | 8:00 a.m.        |
| • Plenary Session                     |                  |
| • <i>Lunch</i>                        |                  |
| • Northland SOT Business Meeting      | lunch            |
| • Technical Sessions                  | end at 4:30 p.m. |
| • Poster Session and Social           | 5:00 – 6:30 p.m. |

### **Wednesday, March 11**

- |   |                 |
|---|-----------------|
| • Continental Breakfast                     | 7:30 a.m.       |
| • Technical Session(s)                      | end at noon     |
| • Lunch and Midwest SETAC Business Meeting, | end ~ 1:00 p.m. |
| • Optional Tour of EPA                      | 1:15 – 3 p.m.   |

As the meeting draws closer, additional information will be posted on the [MW SETAC Meetings Page \(http://www.midwestsetac.org/Meetings.html\)](http://www.midwestsetac.org/Meetings.html) .

## SUBMISSION OF PAPER AND POSTER ABSTRACTS

- Abstracts for the platform and poster presentations are due **Friday, February 6, 2015**.
- Guidance for abstract preparation is provided below. Paper and poster abstracts should be emailed via plain text or attached Word file) to John Weeks ([jaweeks@scj.com](mailto:jaweeks@scj.com)). In the subject line, insert “*Abstract Submission MW SETAC & NL SOT Meeting.*”
- Presenters should indicate their preference for method of presentation as platform, poster, or no preference.
- The Program Committee will attempt to follow presentation preferences; however, in order to optimize the balance and flow of the Program, the Program Committee reserves the right to request that individuals change their presentation format. Student presenters who are competing for student awards should be state they are interested in the best student competition on their abstract.
- Platform presentations will be 20 minutes including three to five minutes for questions and discussion. All platform presentation slides must be compatible with projection in Microsoft PowerPoint®. Platform presenters must bring their presentations on a USB stick drive for transfer to the projecting computer.
- Posters will be presented on Tuesday afternoon/evening at the Social. Posters may be any size up to the full dimension of the poster boards, which is 46” high by 70” wide. More details will be provided when notices of acceptance are sent to authors.
- Authors will be notified of acceptance electronically and/or in hard copy no later than **February 15, 2015**. For questions regarding submissions, contact John Weeks ([jaweeks@scj.com](mailto:jaweeks@scj.com) or 262-260-2557) and/or Teresa Norberg-King ([norberg-king.teresa@epa.gov](mailto:norberg-king.teresa@epa.gov) or 218-529-5163). If circumstances require that you withdraw a presentation, please notify John or Teresa as soon as possible.

## ABSTRACT PREPARATION AND SUBMISSION

Platform and poster abstract submissions should be formatted according to the example below. Underline the presenting author's name. Word count must be under 300 including title, authors, affiliation, and text. Abstracts over 300 will be edited without author's review. Provide the full address of the presenting author and short affiliations of non-presenting authors. Please use Times New Roman 12-point font. Email via plain text to John Weeks ([jaweeks@scj.com](mailto:jaweeks@scj.com)). Insert “*Abstract Submission MW SETAC & NL SOT Meeting*” in the subject line.

**Enter Your Descriptive Title** (*maximum of 15 words*)

Hammerschmidt, CR<sup>1</sup>, Sandheinrich, MB<sup>1</sup>, Rada, RG<sup>1</sup>, Wiener, JG<sup>2</sup>

<sup>1</sup> University of Wisconsin-La Crosse, La Crosse, WI;

<sup>2</sup> U.S. Geological Survey, La Crosse, WI.

**Place the text of the abstract here ....**

**Key words:** insert four keywords separated by commas

List Author Contact Information:

First and Last Name

Department

Organization

Street

City, State, Zip

T: xxx-xxx-xxxx

F: xxx-xxx-xxxx

Email:

I prefer \_\_\_\_\_ platform presentation \_\_\_\_\_ poster presentation \_\_\_\_\_ no preference

Student Presentation: \_\_\_\_\_ Include me in the Student Competition for Best Paper/Best Poster

## **2015 STUDENT TRAVEL AWARD PROGRAM**

Midwest SETAC and NL SOT both have established programs to support student travel to our joint meeting. *Both Midwest SETAC and NLSOT Students are encouraged to apply.* The purpose is to encourage student participation and help defer the cost of attending the annual meeting. A limited number of travel awards (up to \$200) will be made for this meeting.

Awards will be announced at the annual meeting and will be awarded directly to the students following submission of travel receipts.

Interested student applicants should submit the following package of information as soon as possible but no later than **February 14, 2015**:

1. A 2015 student travel award application form (download form at <http://www.midwestsetac.org/Meetings.html>).
2. A copy of the applicant's abstract submitted for this year's 2015 MW SETAC/NL SOT Meeting.
3. A one-paragraph statement of the student's research goals and accomplishments.

This package of information should be submitted to:

Kevin J. Buhl  
USGS, BRD, Columbia Environmental Research Center  
Field Research Station  
31247 436th Avenue  
Yankton, SD 57078-6364  
T: 605-665-9217 F : 605-665-9335  
Email: [kevin\\_buhl@usgs.gov](mailto:kevin_buhl@usgs.gov)

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

1. Completeness and timeliness of the application package,
2. Quality of the abstract, and
3. Organization and presentation of applicant's statement of goals and accomplishments.

## **MEETING REGISTRATION**

The registration includes meeting attendance, breaks, Tuesday and Wednesday lunch, Monday night social reception, and Tuesday poster social. Abstracts will be available on-line. One-day registration includes meeting attendance, the morning break, lunch, poster social, and abstracts. Online registration can be done via this [Registration Page at UW LaCrosse](#). . Payments can be made by credit card.

## Registration Fees

<u>Category</u>	<u>By February 17, 2015</u>	<u>After February 17, 2015</u>
<b>Member*</b>	\$130.00	\$150.00
<b>Non-member</b>	\$145.00	\$165.00
<b>Student Member</b>	\$50.00	\$65.00
<b>Student Non-Member</b>	\$55.00	\$70.00
<b>One day registration, Member</b>	\$70.00	\$85.00
<b>One day registration, Non-member</b>	\$85.00	\$95.00
<b>One day registration, Student</b>	\$40.00	\$50.00
<b>Short Course</b>	\$35.00	\$50.00

*\*Member refers to either Midwest SETAC or Northland SOT.*

## **HOTEL RESERVATIONS**

A limited block of rooms has been reserved at the Canal Park Lodge, located in Canal Park in downtown Duluth and we've arranged to have rooms held until **February 23, 2015**. The rooms are reserved under the name "SETAC/SOT" conference. The conference rate is \$109 per night plus 13.4% tax, and there is also a government rate of \$97 (ask for it if you qualify). After February 23, reservations can only be accepted on a space available basis. Details about the hotel can be found on their webpage at: <http://www.canalparklodge.com>. Contact information for the hotel is:

**Canal Park Lodge**  
250 Canal Park Drive  
Duluth, MN 55802  
800-777-8560 or 218- 279-6000  
<http://www.canalparklodge.com>

### **Additional lodging options:**

Inn on Lake Superior  
350 Canal Park Drive  
Duluth, MN 55802  
218- 726-1111 or 888-668-4352  
[www.theinnonlakesuperior.com](http://www.theinnonlakesuperior.com)

Comfort Suites Canal Park  
408 Canal Park Drive  
Duluth, MN 55802  
218-727-1378  
[www.comfortsuites.com/hotel-duluth-minnesota-MN031](http://www.comfortsuites.com/hotel-duluth-minnesota-MN031)

Fitgers Inn  
600 East Superior Street  
Duluth, MN  
218-722-8826  
<http://www.fitgers.com>

The Suites Hotel at Waterfront Plaza  
325 Lake Avenue S.  
Duluth, MN  
218-727-4663  
[www.thesuitesduluth.com](http://www.thesuitesduluth.com)

South Pier Inn-on the Canal  
701 South Lakes Avenue  
Duluth, MN 55802  
800-430-7437 218-786-9007  
<http://southpierinn.com>

Hampton Inn  
310 Canal Park Drive  
Duluth, MN 55802  
218-720-3000  
<http://www.hilton.com/>

## MEETING LOCATION

### *Gitchee Gumee Conference Center*

U S Environmental Protection Agency  
Mid-Continent Ecology Division  
6201 Congdon Boulevard  
Duluth, Minnesota 55804  
General Information: 218-529-5000

Directions to the EPA's Mid-Continent Ecology Division can be found at: [http://www.epa.gov/med/About\\_Div/directions\\_from\\_airport.htm](http://www.epa.gov/med/About_Div/directions_from_airport.htm). The lab is located at the northeast end of Duluth. The Duluth International Airport is approximately 10 miles from the EPA, with an approximate driving time of 20 minutes. Alternatively, the lab is about 150 miles from the Minneapolis/St. Paul, MN International Airport with an approximate driving time of 2 ½ hours.

### **Cancellation Policy:**

Full refund of your registration fee less \$50 processing fee before February 27, 2015. No refunds on or after that date. Refund request must be submitted in writing to:

UW-La Crosse Continuing Education & Extension  
1725 State Street  
205 Morris Hall  
La Crosse, WI 54601

No refunds will be made in the case of non-attendance. Substitutions will be accepted, please contact Teresa Norberg-King ([norberg-king.teresa@epa.gov](mailto:norberg-king.teresa@epa.gov) or 218-529-5163).

## SCIENTIFIC TOUR OF THE USEPA DULUTH LABORATORY

Tour the Environmental Protection Agency Lab: Wednesday, March 11 starting at 1:15 p.m. Tour will end around 3:00 p.m. The USEPA's Office of Research and Development, National Health and Environmental Effects Research Laboratory, Mid-Continent Ecology Division is located in Duluth, MN. The lab helps protect our nation's water resources by studying the effects of pollutants and other stressors on freshwater ecosystems. The mission of this Division is to provide scientific information for use in assessing and forecasting the effects of pollutants and other stressors on our nation's freshwater resources.



## MIDWEST SETAC AND NORTHLAND SOT CHAPTER INFORMATION

Midwest Chapter of SETAC is a regional chapter of the Society of Environmental Toxicology and Chemistry (SETAC), a nonprofit, worldwide professional society with a mission to support the development of principles and practices for the protection, enhancement, and management of sustainable environmental quality and ecosystem integrity. The Midwest Chapter has over 100 members from Illinois, Iowa, Michigan, Minnesota, South Dakota, and Wisconsin. The Chapter is committed to the professional development of students and offers a variety of funding avenues to help students attend and present original research findings at the annual Chapter meetings. The Midwest Chapter of SETAC holds their

annual meeting to provide professionals, academics, and students the opportunity to present their work, exchange ideas, and network with their peers.

The Northland Chapter of the Society of Toxicology (SOT) is one of 18 Regional Chapters of the Society of Toxicology, a nonprofit dedicated to supporting the development and application of sound science in the field of toxicology. NLSOT serves toxicologists in Minnesota, North and South Dakota, and Montana by sponsoring semi-annual scientific meetings on toxicology, risk assessment, and other related topics. NLSOT also serves as the focal point for toxicological interests in this region, encourages interactions among toxicologists in industry, government and academia, and sponsors scientific and educational programs in toxicology.

If you cannot attend this year's meeting, but would still like to join or renew your memberships, we've provided the links for your convenience.

- For the Midwest SETAC Chapter, membership application forms are available online: <http://www.midwestsetac.org/index.htm>. Membership rates are \$15.00 for regular membership and \$5.00 for student membership. You can also pay your regional chapter dues online when you renew your SETAC membership.
- For Northland SOT, membership application forms are available online: <http://www.toxicology.org/isot/rc/nlsot/index.asp>. Membership rates are \$20.00 for regular membership and student membership is free. If you are a SOT member and you would like to renew your membership in the Northland Regional Chapter, you may renew your membership at the same time as you renew your SOT membership.

## **THINGS TO DO IN AND NEAR DULUTH**

If you find time to visit some of the sites around town, you might want to take a tour at the webpage: VisitDuluth (<http://www.visitduluth.com>) for descriptions of numerous local attractions, restaurants, and events. We've also listed a few local places and attractions you might want to visit:

- [Lake Superior Marine Museum | Map/Directions](#)
- [Superior Hiking Trail | Map/Directions](#)
- [Gooseberry Falls State Park, along Minnesota's North Shore | Map/Directions](#)
- [Jay Cooke State Park, just south of Duluth, along the St. Louis River | Map/Directions](#)

2015 MIDWEST SETAC / NORTHLAND SOT STUDENT TRAVEL AWARD APPLICATION

Name \_\_\_\_\_

Department or Program \_\_\_\_\_

College or University \_\_\_\_\_

Address \_\_\_\_\_

TEL \_\_\_\_\_ E-Mail \_\_\_\_\_

- 1. Are you currently a Northland SOT Student Member? Yes No
- 2. Are you currently a Midwest Chapter of SETAC Student Member? Yes No
- 3. Have you previously received a travel award from SETAC or SOT? Yes No
- 4. If so, what year was the award made? \_\_\_\_\_
- 5. What year did you begin college studies? \_\_\_\_\_
- 6. Describe your program (BS, Master's, Ph.D., etc.) \_\_\_\_\_
- 7. When do you expect to receive your degree?  
(Eligibility extends for 6 months after receipt of degree.) \_\_\_\_\_
- 8. Itemize estimated travel and meeting expense items (registration, lodging, if driving: miles traveled, bus/train/air ticket cost, van rental – explain if sharing)

<u>Item</u>	<u>Cost or Miles</u>
a.	\$
b.	
c.	
d.	

List additional if necessary.

**Note: Save and bring receipts to the meeting.**

Faculty Member/Advisor \_\_\_\_\_ Signature \_\_\_\_\_

**TO THE FACULTY Member or Advisor:**

May we contact you if more input is necessary?

TEL \_\_\_\_\_ E-Mail \_\_\_\_\_

Date \_\_\_\_\_

Send (1) this application, (2) a copy of the applicant's abstract submitted for this year's 2015 MW SETAC / NL SOT Meeting, and (3) a one-paragraph statement of the student's research goals and accomplishments by **February 14, 2015** to:

Kevin J. Buhl  
 USGS, BRD, Columbia Environmental Research Center  
 Field Research Station  
 31247 436th Avenue  
 Yankton, SD 57078-6364  
 T : 605-665-9217 F : 605-665-9335  
[kevin\\_buhl@usgs.gov](mailto:kevin_buhl@usgs.gov)