Midwest Regional Chapter
Society of Toxicology

Spring 2016 Newsletter

The MRC-SOT Presents the Annual Spring Meeting scheduled for Friday, April 15, 2016:

“E-cigarettes and Medical Marijuana”

It is with great pleasure that we extend an invitation for you to join us for the upcoming April 15, 2016 Spring Meeting of the Midwest Regional Chapter of the Society of Toxicology.

~See inside for meeting details~
Hello MRC-SOT members,

I am happy to report that we had a very productive year across several key initiatives, highlights below:

• Launched our new MRC website, with improved functionality and quick access to important MRC and National SOT links.
• Re-assembled the program, awards, membership, and nominating committees.
  o The program committee, chaired by MRC President-Elect Dr. Bill Bracken, is comprised of MRC officers as well as MRC members not serving on the executive committee. They organized a two-part Fall 2015 webinar series on “Microbiome in Health and Disease”. We had four excellent speakers from academic institutions within our region and the webinar series was broadcast to National SOT membership.
  o The awards committee, co-chaired by Drs. Tracy Henriques and Lauren Besenhofer, brought forth a revised format for the award application process as well as the Early Career Toxicologist Award (new for 2016).
• Dr. Michael Biehl, MRC Past President, led the effort to revise our by-laws. This was the first revision since 2003.
• Increased our outreach efforts, resulting in >20 new MRC members since July 2015.

I would like to thank our out-going MRC officers, Dr. Michael Biehl (Past President), Dr. Tracy Henriques (Councilor), Dr. Niraj Tripathi (Councilor), and Ms. Jen Olsen (Two-term Secretary). As described above, we had a very productive year and it wouldn’t have been possible without their significant contributions.

On behalf of the executive committee, I would like to thank you for the continued support of our regional chapter.

The final details are coming together for our spring meeting and we hope to see you there on April 15th!

Thanks again, Ronnie

Want to know more about the Midwest Regional Chapter?

Regional Chapter newsletters, information pertaining to membership, MRC-SOT awards, and nomination/application forms may be viewed or printed from our website: http://www.toxicology.org/groups/rc/midwest/index.asp
36th Annual MRC-SOT Spring Meeting
15 April 2016
Doubletree by Hilton, Mundelein, Illinois

Plans for the 36th Annual Spring Meeting of the Midwest Regional Chapter of SOT (MRC/SOT) are being finalized. The meeting will be held on Friday, April 15th at the Doubletree by Hilton Hotel in Mundelein, IL. The theme for this year’s meeting is “E-cigarettes and Medical Marijuana.” A copy of the program along with the registration form and directions to the meeting site can be found in the newsletter.

For further information regarding the meeting, please contact the 2016 Program Chairman, William Bracken (William.Bracken@abbvie.com).

In addition to the featured symposium, the meeting also will include the presentation of the Young Investigator Award, Midwest RC Best Student Publication Award, Early Career Toxicologist Award, and the Kenneth P. Dubois Career Achievement Award, as well as a poster session featuring the annual Victor A. Drill student research competition. The winner will receive funds to be used for travel or accommodations expenses or toxicology textbooks.

All students affiliated with institutions in the MRC’s geographical region are encouraged to submit abstracts for the poster competition. The abstracts and posters may be on work that was also presented at the 2016 national SOT meeting. Abstracts should be submitted by email by April 8, 2016 to:

Lauren Besenhofer
AbbVie
Email: lauren.besenhofer@abbvie.com

The Awards Committee also is soliciting applications for the MRC Young Investigators Award and Best Publications Award as well as nominations for the Kenneth Dubois Career Award, and Early Career Toxicologist Award for our Spring 2016 meeting. Information regarding all awards offered and the application/nomination processes can be found on the MRC-SOT website (http://www.toxicology.org/groups/rc/midwest/index.asp) and on Page 7 of this Spring Newsletter.
36th Annual MRC-SOT Spring Meeting
15 April 2016
Doubletree by Hilton Hotel in Mundelein, IL
“E-cigarettes and Medical Marijuana”

**Registration & Continental Breakfast**
8:00 – 9:00 am

**Welcome and Introductions**
Ronnie Yeager, President
AbbVie
Bill Bracken, President-Elect
AbbVie
9:00 – 9:15 am

**Morning Platform Presentations**
Jack Harkema, DVM, PhD
Institute for Integrative Toxicology
Michigan State University
“Pulmonary Biology, Physiology and Methodologies for Toxicity Testing”
9:15 – 10:00 am

**Refreshments and Student Poster Viewing**
10:00 – 10:45 am

**A Wallace Hayes PhD**
Harvard University
Michigan State University Center for Integrative Toxicology
“Health Impacts and Potential Harm Reduction from E-Cigarettes or Other Enhanced Delivery Devices and Current Research”
10:45 – 11:45 am

**2014 Young Investigator Award Presentation**
Kirsten Eckstrum
PhD Candidate, University of Illinois Molecular and Integrative Physiology
“Effect of Bisphenol A on Early Postnatal Pituitary Proliferation and Cell Fate Choices”
11:45 – 12:15 pm

**Luncheon**
12:15 – 1:00 pm

**MRC Business Meeting**
1:00 – 1:30 pm

**Afternoon Platform Presentations**
Thomas Hudzik PhD
ALA /BioPharma Consulting
“Cognitive and Behavioral Effects of Marijuana and Synthetic Cannabinoids”
1:30 – 2:30 pm

**Refreshment Break (Sponsored by AbbVie)**
2:30 – 2:45 pm

**Kuei Tsang MD, PhD**
Dept. Cellular and Molecular Pharmacology
Rosalind Franklin University Medical School
“CB1 Receptor Signaling, Prefrontal GABAergic Transmission and Adolescence”
2:45 – 3:30 pm

**Matthew Wolter PhD**
GZA GeoEnvironmental, Inc
“Nicotine Modulation of Circadian Rhythms from Larval and Juvenile Nicotine Exposure in a Zebra Fish Model”
3:30 – 4:00 pm

**Q&A with speaker panel**
4:00 – 4:15 pm

**Concluding Remarks**
Ronnie Yeager, President
AbbVie
36th Annual MRC/SOT Spring Meeting Registration

**Registration Fees:** On or before April 10, 2016
- Member Pre-registration: **$130**
- Non-Member Pre-registration: **$150**
- On-site registration: **$150 (member) and $170 (nonmember)**
- Full-Time Students: **FREE (pre-registration strongly encouraged for name badges and food catering purposes)**

Online registration is requested at the SOT website.

[Click here](#) for pre-registration.

In addition, if you need to pay by mail, a registration form is attached. Fees are payable by Visa, MasterCard, Discover, or American Express and are due at the time of registration.

If payment is by check or money order, please direct payment to MRC-SOT and send to:

Ashely Pomper  
Society of Toxicology  
1812 Michael Faraday Drive  
Suite 300  
Reston, VA 20190  
Phone: 703.438.3115

**Cancellation Policy**
Registrations are transferable. After 10 April 2016, refunds will not be made. We reserve the right to cancel or to change speakers if necessary. In the event of cancellation, all registrants will receive a full refund. We are not responsible for travel expenses in the event of a cancellation or date change.

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**MRC-SOT 2016 Spring Meeting Registration Form**

Name: ___________________________________  MRC-SOT Member _____ Yes ______ No

Title/Position/Company ________________________________________________________________

Phone Number ___________________________  E-mail address _____________________________

Address ___________________________________________________________________________

City ___________________________  State ___________  Zip _______________

**Fee Enclosed (please check):**
- Regular Member: **$130 (if postmarked by 4/8/2016)**  □
- $150 (if postmarked 4/9/2016 or after)  □
- Non-Member: **$150 (if postmarked by 4/8/2016)**  □
- $170 (if postmarked 4/9/2016 or after)  □
- Full-Time Students: **FREE (pre-registration strongly encouraged for name badges and food catering purposes)**

Is a receipt required for your registration? _____ Yes _____ No

Lunch will be served to all attendees.
Location
The meeting will be held at the:
Doubletree by Hilton Hotel Libertyville-Mundelein
510 E IL Route 83
Mundelein, IL 60060

Driving Directions
Directions from O’Hare International Airport:
As you exit the airport, you will be on I-90 east heading towards Chicago. Take the 294 tollway North 25 miles. Exit at Route 60 (Town Line Road). Make a left on Town Line Road. When you get to Route 45, make a left and the Doubletree by Hilton hotel will be one block on your right.

Directions from Milwaukee and General Mitchell Airport:
As you exit Milwaukee, you will be on I-94 heading East from Wisconsin to Illinois. Once in Illinois, proceed on I-94 and exit off onto Route 60 (Town Line Road) exit. Make a right turn onto Route 60 (Town Line Road). Turn left on Route 45 and the Doubletree by Hilton hotel will be one block on your right.

Directions from Midway Airport
Take Cicero Avenue (Route 50) North to I-55 South. Off I-55 South, take the 294 tollway North 25 miles. Exit off Route 60 (Town Line Road). Make a left on Town Line Road. When you get to Route 45, make a left and the Doubletree by Hilton Hotel is on your right.

Hotel Accommodations
For individuals who are arriving the night before the meeting or staying overnight after the meeting, the following hotels are suggested. No rooms have been reserved for the meeting; therefore, hotel accommodations are the responsibility of individual attendees.

Doubletree by Hilton Hotel Libertyville-Mundelein
510 E IL Route 83
Mundelein, IL 60060
Rate: $125.00
Free wireless internet
Phone: 847-949-5100

Holiday Inn Express Libertyville
77 West Buckley Road
Libertyville, IL 60048
Free Hi-speed internet and complimentary breakfast

Holiday Inn Express Vernon Hills
975 North Lakeview Parkway
Vernon Hills, IL 60061
Wireless internet and complimentary breakfast

Courtyard Chicago Lincolnshire
505 Milwaukee Avenue
Lincolnshire, IL 60069
Free wireless internet and area shuttle available
The Midwest Regional Chapter is proud to recognize the efforts of toxicologists who work and study in the Midwest. Five annual awards are presented that highlight their achievements.

**STUDENT AWARDS**

**Best Student Publication Award**
Presented at the MRC/SOT Spring meeting for the best nominated paper published in a peer-reviewed journal within the last 12 months by a graduate student or postdoctoral fellow as the first, or senior author. The candidate must be actively involved in a training program or have completed their studies within the past 12 months. In addition to the application, the advisor should submit a letter of recommendation. Winners will receive funds to be used for travel or accommodations expenses to a MRC/SOT spring meeting or toxicology textbooks.

**Victor A. Drill Award**
Awarded to the top student poster presentation(s) at the MRC/SOT Spring meeting. Winners will receive funds to be used for travel or accommodations expenses to a national toxicology conference or toxicology textbooks.

**Young Investigator Award**
Presented at the MRC/SOT Spring meeting to the applicant who submits the best undergraduate or graduate research proposal. In addition to the application, the advisor should submit a letter of recommendation. Winners will present their research at the following MRC spring meeting and will receive a cash award to be applied towards the cost of their training.

**PROFESSIONAL AWARDS**

**Kenneth P. DuBois Award**
Presented to an outstanding Midwest toxicologist with a career involving several years (15+) of distinguished professional experience in the field of toxicology.

**Early Career Toxicologist Award**
Presented to an outstanding Midwest toxicologist with up to 10 years of professional experience in the field of toxicology.
Hello Graduate students & Postdocs!

I am your graduate student representative Kirsten Eckstrum (Graduate Student Representative) for the Midwest Regional Chapter. As the representative, my responsibilities include encouraging active participation from graduate students and postdocs in Society of Toxicology (SOT) meetings at a regional and national level. Below is information regarding the MRC Spring Meeting in April and three upcoming awards.

The Midwest Regional Chapter of the Society of Toxicology (MRC-SOT) will be holding their Spring Meeting on Friday, April 15, 2016 at the Doubletree by Hilton hotel in Mundelein, IL. The topic is “E-cigarettes and Medical Marijuana” and more details can be found at our website. Please consider attending this meeting if you have an active interest in toxicology or if you would like to be a more active member in toxicology.

You do not have to be a member of the MRC in order to attend although there are many benefits to becoming a student member. It is highly encouraged that SOT student members become a member of their regional chapter. Membership fees are only $10 and the benefits include access to travel and research awards provided by MRC/SOT, opportunities for networking within academics and industry, and the chance to present your research to other scientists. The membership application is available to download from our website or you can choose to join when you pay your national SOT dues.

Three student awards presented at the Spring Meeting include the Victor A Drill Award, Best Student Publication Award, and the Young Investigator’s Award. Applications can be found at our website.

The Victor A Drill Award is given to the top student poster at the MRC Spring Meeting. Winners will receive funds to be used for travel or accommodations expenses to a MRC/SOT spring meeting or toxicology textbooks.

The Young Investigator’s Award is presented to the applicant who submits the best research proposal.

To apply submit a research proposal, one letter of reference, and the application. Winners will present their research at the following MRC spring meeting and will receive a cash award to be applied towards the cost of their training.

The Best Student Publication Award is presented to a graduate student or post-doc (1st or senior author) for a paper accepted in a peer reviewed toxicology journal from January 2015 through February 2016. Winners will receive funds to be used for travel or accommodations expenses to a MRC/SOT spring meeting or toxicology textbooks.

Midwest Regional Chapter website: http://www.toxicology.org/groups/rc/midwest/index.asp

Please email me with any questions regarding regional or national SOT business or meetings.

We look forward to seeing you in April!

Kirsten Eckstrum
Graduate Student Representative
Midwest Regional Chapter
University of Illinois
Email: eckstru2@illinois.edu
## Entry Instructions

- Abstract or proposals in any area of toxicology are acceptable.
- Use standard SOT guidelines for format.
- Place original copy on this form.
- Leave a double space between the heading and the abstract.
- Single space abstract text.
- Type within the rectangle.
- Use type no smaller than 12 pitch.
- Please proof carefully!
- We will return to the author any abstract that needs retyping.
- Submit the original and two clear copies.
- There is no abstract fee.
- Deadline for entry is March 18, 2016.
- All abstracts are accepted for display unless otherwise notified.

### 1. Author Information

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### 2. MRC/SOT Member? Yes___No___

### 3. Is this poster a candidate for the Victor A. Drill Award? Yes____No____

### 4. Has this poster been presented elsewhere? Yes___No___

All presentations will be posters on 4’ by 6’ boards at the designated time. All meeting attendees will judge the entries. The winner will be announced at the conclusion of the poster session.

Return abstract forms with registration materials to:

Lauren Besenhofer
AbbVie
Email: lauren.besenhofer@abbvie.com
Phone: 847.935.3829
MRC-SOT 2015 to 2016 Executive Committee:

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SOT CCT Meetings Eligible for Seed Money and Profit Sharing

SOT Sponsors two types of meetings outside of the SOT Annual Meeting: Contemporary Concepts in Toxicology (CCT) and Non-SOT meetings. CCT meetings are one- to two-day focused, open registration, scientific meetings in contemporary and rapidly progressing areas of toxicological sciences. Non-SOT meetings are sponsored by other not-for-profit organizations and SOT will either endorse or provide sponsorship money to toxicology-related meetings.

The Society will underwrite all the liabilities of the CCT meeting with the expectation that the meeting will at least break even financially. The goal of providing $25,000 seed funds is to stimulate the creation of CCT meeting proposals.

For more information about CCT meetings, please visit the SOT Web site.