



THE NORTHERN LAKES MANAGER

SPRING 2018

WWW.MAPMS.ORG

FROM THE DESK OF THE PRESIDENT: NATHAN LONG

Dear MAPMS Membership-

Thank you to all that contributed to the 38th annual MAPMS Conference held at the Westin Downtown in Cleveland, OH! Despite a slight conference conflict, we still had over 220 in attendance representing 23 different states. Attendees were greeted by surprisingly wonderful Cleveland weather, a rarity for an MAPMS conference and for the spring of 2018! Thank you to all the volunteers that donated their time and efforts putting this conference together. In addition, a big thank you to all the sponsors, exhibitors, and silent auctions/raffle contributors! Without your generosity we could not pull off such an event.

Highlights of the conference included our inaugural Student/New Member mixer, a very well attended President's reception at the House of Blues, and a variety of conference sessions highlighted by an HAB panel discussion. The 2018 program was made up of 29 presenters from government, academia, and industry. Six student presenters braved the stage and shared their knowledge with the membership. This year's session titles included Harmful Algal Blooms, Invasive Awareness and Management, General Management Practices, Invasive Milfoil, Starry Stonewort, Hydrilla, and Curly-leaf pondweed. Thanks to all that took the time to share their research and knowledge with the membership.

At the annual business meeting, MAPMS members were updated on the Society's strategic plan which underwent a review in the fall of 2017. Thank you to Dr. John Rodgers for facilitating the review session. More information on our updated strategic plan can be found in Eric Schutman's Strategic Planning section of the newsletter.

There was a packed house for the banquet and the crowd included Dick Hinterman, one of our Honorary Members. Paul Hausler awarded David Isaacs with a well-deserved Honorary Membership. Mr. Isaacs then pleased the crowd with a brief but eloquent acceptance speech. Several other awards were presented at the banquet and will be discussed in the following sections of the newsletter. In addition, the results of a very competitive board election were announced. Congratulations to Amy Kay in her reelection to the board and please welcome Garrett McClain as a new board member. Thank you to all that put their name in the hat! We couldn't have asked for a better slate of nominees.

While the conference is our primary platform utilized for achieving our society's strategic goals, MAPMS board members remain active in an effort to fulfill the MAPMS mission and vision from spring through fall. The following pages will touch on the activities of our various committees. If you have ideas for improving MAPMS or are interested in working on one of these committees feel free to contact a chairperson. I'm sure they would be more than happy to have your help!

On a final note, a shout out to all those applicators out there! We want to hear about your projects and experiences at the next conference! It can be somewhat intimidating to speak in front of such a highly educated crowd, trust me, I know, but it is worth it. We also realize you don't want to share all your trade secrets, but just giving an update of some of the issues you are facing can open a dialog up between the various interest groups. I'm sure our program chair will be reaching out to you for some presentations this fall, so please feel free to share some of your experiences with the group at our next conference.

Thank you,

MAPMS President, Nathan W. Long

39TH Annual MAPMS February 25-February 28, 2019. Palmer House, Chicago, Illinois.

LOCAL ARRANGEMENTS COMMITTEE: AMY KAY

The 39th Annual MAPMS Conference will be held at the Palmer House (www.palmerhousehiltonhotel.com) in Downtown Chicago, Monday, February 25th thru Thursday, February 28th, 2019. The Palmer House is the nation's longest continually operating hotel, rich with history and unmatched charm in the heart of downtown. In recent years it's gone through a \$170 million renovation to ensure it includes all of the conveniences and comforts for today's guests while preserving its history. Just steps away from countless attractions, restaurants, State Street Shopping, the Theater District, Millennium Park and much more, this location provides an opportunity to enjoy a world class city with not only your colleagues but family too as we would encourage you to take advantage of the group rate (just \$119.00/night!), secured 2 days prior to and following the conference (based on availability), and enjoy a long weekend. Be on the lookout for additional information regarding parking, public transportation and other details as it relates to the conference as we get closer to our visit in Chicago. If you have any questions or comments regarding the 2019 local arrangements in Chicago, please contact Committee Chair, Amy Kay:

akay@cleanlakesmidwest.com.

STUDENT AFFAIRS COMMITTEE CHAIR: DR. RYAN THUM

Greetings from the Student Affairs Committee,

Student involvement and support is critical to fulfilling the mission and vision of MAPMS, and once again student involvement at the annual conference contributed to an excellent program.

The major mechanism to support student research through MAPMS is the Robert L. Johnson Memorial Research Grant. This year's winners were Greg Chorak (Montana State University) and Dalton Sink (University of Michigan-Flint). Greg's research explores whether and how gene expression relates to differences in herbicide response in watermilfoils. Dalton's research will test whether nitrifying bacteria can compete with toxic cyanobacteria (*Microcystis aeruginosa*) to deter their growth. We congratulate both students, and wish them well in their research endeavors.

Eight students attended the annual conference in Cleveland. Six of them gave oral presentations and participated in our annual paper competition. This year's winners are listed below. We applaud these students' efforts, their commitment to attend and present at the conference, and congratulate them.

At the Fall BOD meeting, the Board approved appointing a Student Representative to the Board of Directors. We welcome Tyler Geer (Clemson University) as our first Student Representative.

2018 MAPMS CONFERENCE STUDENT AWARDS

Robert L. Johnson Memorial Research Grant (2 recipients)

\$7,500- Greg Chorak, Montana State University

\$2,500- Dalton Sink, University of Michigan-Flint. "*Effects of Nitrifying Bacteria in Limiting Cyanobacteria Growth.*"

Oral presentations

1st place (\$300) – Tyler Geer, Ph.D. Student, Clemson University. "*Management of Nitellopsis obtusa (starry stonewort) in a Recently Infested Minnesota Lake Using a Copper-Based Algaecide.*"

2nd place (\$200) – Ciera Kinley, Ph.D. Candidate, Clemson University. "*Microcystin-LR Degradation Following Copper-Based Algaecide Exposures.*"

3rd place (\$100) – Kristen Tanz, Graduate Student, Colorado State University. "*Efficacy of Endothall+2,4-D for curly-leaf pondweed (Potamogeton crispus) Control Under Simulated Fall Conditions.*"

CONGRATULATIONS TO OUR 2018 MAPMS CONFERENCE WINNERS!

MEMBERSHIP DIRECTORY ACCESS GUIDE UPDATE

Shortly after the conclusion of the 2018 conference, Treasurer, Steve Zulinski updated the physical membership directory on the website. If you would like to access the directory to view/update your information or look up the contact information of other members please follow the instructions below.

1. Go to the MAPMS website by clicking the following link www.mapms.org or entering the address in your browser
2. Find the Membership tab on the home page and click on "membership directory" in the dropdown menu.
3. You will be redirected to a Terms of Use page, please read and click "I Agree" and you will be directed to enter a password
4. The password for the 2018-2019 directory is "elodea18" and will be valid until February 15, 2019.

If you have trouble accessing or have questions about the directory please contact admin@mapms.org and a member of the Board will be glad to assist you.

EDITORIAL UPDATE: LEIF WILLEY

The 2018 MAPMS conference was a huge success with all of the great presentations and interaction amongst the speakers, students and conference attendees. For the second year, we had our conference materials available on the Whova smartphone app platform. The purpose for this was to encourage interaction between all attendees, sponsors, exhibitors and speakers. The WHOVA App allowed us to provide conference schedules, hotel maps and speaker information in a compact, electronic format. Messaging was also a nice feature included that allowed communication between users without having to exchange phone numbers or look for people during breaks. This was an easy way to privately reach out to another person and make contact.

Exhibitors also had their own section which allowed them to promote their booth and products.

For the second year, adoption of the mobile app was very popular among attendees. We will continue to evaluate the perception and value of this service and decide if we will continue to use the app in the future.

In other news from the editorial department, the membership directory on our website was updated thanks to Steve Zulinski and the membership mailing list has been updated as well. I would also like to remind the membership to please provide any feedback regarding the Whova App or MAPMS mailing to admin@mapms.org. This year I am hopeful to keep the website updated with current information and news regarding our industry and ask that you all keep your eyes open for any news, current information, job announcements, etc. that pertain to our group so that I can keep our website up to date. As always, an email will be sent to the membership to inform of any important updates to the websites content.

Here a few statistics of how the app was used:

⇒ 61% of attendees downloaded the app (+6% from 2017)

⇒ 728 Profile views

⇒ 68 messages exchanged among users

⇒ 384 Session Views, with 49 people taking notes in the app

⇒ 11 Business card exchanges

⇒ 67 photos were shared

⇒ 130 affiliations from 19 states were represented at the conference

The Whova logo is written in a stylized, blue, cursive font.

MEMBERSHIP COMMITTEE: AMY KAY

It was great to see the MAPMS Members that were able to attend the 38th Annual Conference this past February in Cleveland! This year, we offered a new member mixer combined with the student mixer prior to the President's Reception at the House of Blues. 73 new members were invited to attend this event for an opportunity to network with other new members, students as well as some of the MAPMS board and a handful of experienced members. As MAPMS strives to retain our active Membership (228 members as of March 2018) as well as grow and diversify new Membership each year, your feedback is important to us. As a committee we compile and read your feedback we receive through the conference survey and implement what we are able so that you continue to see value in your Membership with MAPMS and our annual conference. This year, the survey is available electronically via Survey Monkey which you will receive through your email address registered with MAPMS. The 10 question survey should take about 5 minutes to complete [\(CLICK HERE TO COMPLETE SURVEY\)](#), so please take the time to provide your feedback. Thank you in advance for your participation in the survey, the Board of Directors and Membership Committee would also be interested in any comments or suggestions throughout the year as well on how we can provide you with the most value for your membership so if you think of anything, please don't hesitate to reach out to Committee Chair, Amy Kay at akay@cleanlakesmidwest.com

PUBLICITY COMMITTEE: AMY KAY

MAPMS looks forward to seeing you at the local state conferences throughout the Midwest this year as well as at the National APMS conference in Buffalo, New York (July 15-18, 2018) and the North American Lakes Management Society in Cincinnati, Ohio (October 30-November 2, 2018). The newly revised Aquatic Plant Identification Chart is available both at the booth, and by request to support you individually as well as at any meeting or with any groups you feel would benefit from this piece. The Committee would like to thank the Midwest plant identification experts that provided detailed feedback, suggestions and updated images to support this revision. For copies of the chart or any other materials MAPMS has to offer, or suggested exhibiting/publicity opportunities for the Society, please contact Committee Chair, Amy Kay: akay@cleanlakesmidwest.com.

NEWS FROM THE GOVERNMENT AFFAIRS COMMITTEE: MATT JOHNSON

Greetings from the desk of MAPMS Governmental Affairs! Please make sure that you send any and all governmental/regulatory affairs that you or your company encounters to Matthew Johnson (mattj@aquaticcontrol.com) or you can reach him at 800-753-5253 ext. 262. MAPMS is interested in hearing about any and all incidents, questions and concerns of additional regulations at a local or state level. If we can, we will aid in education efforts and reach out to other partners in the industry to make sure that we do all we can to protect our industry.

For the most part, there is not a lot to update from the 2018 Annual Conference. NPDES PGP is still in effect even though there are multiple efforts in action to try to come up with a legislative fix. The definition of waters of the US is in a holding pattern as US EPA and US Fish and Wildlife are working on clarification and re-writing the definition moving forward. Please keep a close eye on your e-mail inboxes as we will update you in some way if we need you to take action by providing comments on any of these important items in our industry.

Recent efforts have been made by our committee to get a better understanding of the aquatic invasive species lists by state, control/prevention of sale and distribution of these invasive species, and finally a better effort of communication between states on species included on these lists and approved management techniques. We have started with contact with the US Fish and Wildlife Agency and have had some positive feedback and a request to be involved in this effort. Hopefully more to come in the future newsletters or by the time we meet at the 2019 annual meeting.

Iowa currently has new legislation on the governor's desk relating to the application of pesticides into lakes, and providing penalties. From what we have gathered at this point, there was concern about individuals applying unlabeled and labeled pesticides into natural lakes that are used for drinking water. We have discussed this with some in the Iowa DNR and they are also discussing with some in Fish & Wildlife. We reviewed existing regulations of FIFRA and NPDES PGP with the DNR and challenged these entities to educate the governor and House Representative that proposed this bill. There was discussion that the local authorities didn't have the right to issue violations, but this is being questioned back through to the Department of Agriculture who enforces and regulates the pesticide laws in the state of Iowa. Our biggest concern is that we don't need additional duplicative regulations.

A BIG THANKS TO OUR 2018 CONFERENCE SPONSORS!

DIAMOND (\$2500 OR MORE)

Aquatic Control, Inc.
Cygnet Enterprises, Inc.
LONZA Water Treatment
SePRO Corporation
Sygenta Professional Products
United Phosphorus Inc.

PLATINUM (\$1000-\$2499)

Airmax Ecosystem, Inc.
Alligare
EasyPro Pond Products
Brandt
Key colour
Nufarm Americas

GOLD (\$750-\$999)

Brewer International
Aquatic Biologists
Outdoor Water Solutions

SILVER(\$350-\$749)

Aquamaster Fountains
Savin Lake Services
Keeton Industries
PLM Lake & Land Management
Pond Biologics
Naturalake Biosciences
Crop Production Services

BRONZE (\$100-\$349)

Aquatic Management, Inc.
Aquatic Weed Control
Michigan Lakefront Solutions
Bluewater Aquatics
Aquatic Enhancement & Survey

THE NORTHERN LAKES MANAGER SPONSORS:

Joe Bondra, Cygnet Enterprises

Jeff Suttner, Airmax

Steve Brewer, Brewer International

Skip Welsh, Alligare

Jason Broekstra, PLM Lake & Land Management

Landon Wiet, Naturalake Biosciences

Paul Dominick, LakePro, Inc.

Neil Gerber, Aquatic Management, Inc.

Matt Johnson, Aquatic Control, Inc.

Cary Martin, Crop Production Services

Guy Savin, Savin Lake Services

Eric Schutman, Sygenta

THE SILENT AUCTION & RAFFLE COMMITTEE: LANDON WIET

The Silent Auction and Raffle at the 2018 MAPMS conference was a great success. The generous donations, silent auction items, and raffle tickets raised over \$10,000 to support the Robert L. Johnson Memorial Research Grant. Thank you to everyone that donated or participated to help sustain this scholarship.

The Silent Auction and Raffle would not be so successful without the help and support of volunteers. If you are interested in serving on the Silent Auction and Raffle committee for 2018-2019 please contact me at Landon.w@naturalake.com. See you in Chicago in 2019!

EXHIBITS COMMITTEE: DAVE NICHOLSON

We would like to thank all 27 exhibitors for their support and participation during this year's MAPMS 2018 Cleveland Conference. We would also like to thank and welcome again our newest exhibitor for their support to our Society, Weedoo Boats. Congratulations to this year's best exhibit, Outdoor Water Solutions! As a reminder, exhibit space is available on a first come first serve basis. We encourage all exhibitors to register early, ensure you secure your spot, and join us for MAPMS 2019 CHICAGO. To all valued exhibitors, please feel free to reach out to me and make suggestions for how we can improve your overall conference and experience.....we are listening! Otherwise, I will be working on new ideas to drive exhibitor value and interest – see you all in Chicago next year! Thank you!!

Contact Dave Nicholson to add your suggestions and secure your exhibit spot for the 2019 conference, REGISTER EARLY: david.nicholson@lonza.com

STRATEGIC PLANNING COMMITTEE: ERIC SCHUTMAN

Strategic planning was revisited in October 2017 and with the help of Dr. John Rogers as our moderator, the board decided to vote on the revised plan. In order to keep a clear focus of the longevity and success of the society, the strategic plan will be revised every 3-4 years. The board presented the new revised plan to MAPMS members during the 2018 conference. We strive to be the best chapter and with the new implemented plan we are confident MAPMS will continue to be successful.

WELCOME OUR NEWEST COMMITTEE MEMBER: GARRETT MCCLAIN

Garrett McClain is a sales representative at Cygnet Enterprises at their corporate office in Flint, MI. He has been working for Cygnet for 4.5 years. Garrett started his career in aquatics working for Aqua-Weed Control (Holly, MI) as an applicator. He worked 6 seasons with Aqua-Weed while attending Grand Valley State University where he earned a bachelor's degree in business administration. While working for Cygnet, Garrett has learned a great deal about the industry and looks forward to progressing his knowledge. As a new board member, Garrett will look forward to assisting the Society in meeting their goals and making sure we continue to be represented as one of the best APMS chapters.



WOULD YOU LIKE TO SERVE YOUR SOCIETY?

The Nominations Committee is now accepting nominations for positions on the 2019-2020 Board of Directors!

If you would like to be a part of leading this great organization please contact the committee chair:

Paul Hausler: hauslerp@progressiveae.com

**2018-19 MIDWEST AQUATIC
PLANT MANAGEMENT SOCIETY
BOARD OF DIRECTORS**



Facebook Search: mapms

39TH Annual MAPMS February 25th-28th, 2019, The Palmer House, Chicago Illinois