

RECERTIFICATION CREDITS

The MDARD has assigned 12 recertification credits for Certified Pesticide Applicators. Attendees on Wednesday will receive 8 credits, while attendees on Thursday will receive 4 credits. The credits may be used for either Category 7F or CORE.

SAVE THE DATE!

31ST ANNUAL MMCA CONFERENCE
FEBRUARY 1-2, 2017
DOUBLETREE BY HILTON, PORT HURON



30th Annual MMCA Conference

Michigan Mosquito Control Association

PO Box 366, Bay City, MI 48707

Phone: (989) 894-4555

Fax: (989) 894-0526

Email: info@mimosq.org

www.mimosq.org

Michigan Mosquito Control Association 30th Annual Conference



February 3 - 4, 2016



Weber's Inn

3050 Jackson Rd
Ann Arbor, MI 48103
www.webersinn.com
(734) 769-2500



KEYNOTE SPEAKER

Elnian E. Gilbert

Moderator - Doug Allen

8:00 AM
Complimentary Mugs and Refreshments Provided by Al's Aerial Spraying (Century Ballroom)

8:00 AM
Registration (Ballroom Lobby)

9:00 AM
Welcome (East-West Ballroom)
Douglas W. Allen
2015-2016 MMCA President

9:05 AM
Keynote Address -
Elnian E. Gilbert
Zingerman's of Ann Arbor

Elnian Gilbert is an Ann Arbor native who started working in the service industry while still in high school. You could say that Elnian has both service and Zingerman's in her blood!

Her past customer service experience ranged from retail to non-profit to higher education, ultimately finding a home at Zingerman's in 2006 as seasonal holiday help at Zingerman's Mail Order.

It was at Zingerman's that Elnian discovered an appreciation for working in a business that had three bottom lines - Food, Service, and Finance - which led her to, with characteristic determination, seek opportunities to continue working at Zingerman's after her stint at the Mail Order business. When a position at ZingTrain opened up, she jumped at the chance, and has been an integral part of ZingTrain ever since!

Elnian now shares Zingerman's approach to business in ZingTrain's public 2-day seminars and workshops as well as delivering customized training and facilitation for clients across the country (and Canada!) Her particular areas of focus are Customer Service and Training, with a growing interest in vision facilitation. Elnian's clients include a wide array of industries, such as libraries, information technology, health care, financial services, specialty retail, co-operative groceries, manufacturing, wholesale, and all levels of education.



2016 Planning Committee
Chairman - Mary McCarry



2017 Planning Committee
Co-Chairman - Tami Seago
Co-Chairman - Chris Novak



Awards and Recognition Committee

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Phone: (989) 894-4555
Email: brandtr@baycounty.net

Finance Committee

Chairman: Mary McCarry

Phone: (989) 894-4555
Email: mccarrym@baycounty.net

Membership and Nominating Committee

Chairman: Alicia Wallace

Phone: (989) 895-4195
Email: wallacea@baycounty.net

2016 Planning Committee

Chairman: Mary McCarry

Phone: (989) 894-4555
Email: mccarrym@baycounty.net

Public Education and Information Committee

Chairman: Margaret Breasbois

Phone: (989) 755-5751
Email: mbreasbois@scmac.org

Scientific Committee

Chairman: Chuck Pearce

Phone: (989) 755-5751
Email: cpearce@scmac.org

2015-2016 MMCA Board of Directors



President - Douglas Allen

Midland County Mosquito Control
2180 North Meridian Road, Sanford, MI 48657
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Email: dwallen@co.midland.mi.us

Vice-President - Erik Foster

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Trustee - Randy Knepper

Saginaw County Mosquito Abatement Commission
211 Congress Street, Saginaw, MI 48602
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Board Terms

1 Year Term

President

Vice-President

2 Year Terms

Treasurer

Secretary

Trustees



Wednesday, February 3, 2016



2015-2016 MMCA President

Douglas W. Allen

Mr. Allen received his Bachelor's degree in Fisheries & Wildlife Management from Lake Superior State University.

He has worked with Midland County Mosquito Control since 1986 as a Technician, Foreman and is currently Biologist.

Moderator - Doug Allen

10:05 AM

American Mosquito Control Association Update

Joseph M. Conlon
AMCA Technical Advisor

10:25 AM

Emerging Arboviruses in the Americas Update

Erik S. Foster, MS
Michigan Department of Health and Human Services

10:45 AM

Mid-Morning Break (Century Ballroom)

11:00 AM

Climate and Weather Impacts on the West Nile Virus Threat

Nancy E. Westcott, PhD
Midwestern Regional Climate Center
University of Illinois at Urban Champaign

11:30 AM

Mosquitoes and the Local Health Department Experience

Sara E. Simmonds, MPA, REHS
Kent County Health Department



William J. Lechel, II Memorial Scholarship

To honor the memory of William J. Lechel, II, APM Mosquito Control and Clarke sponsor a scholarship competition held in conjunction with the Michigan Mosquito Control Association's Annual Conference. Those entering this competition will present findings from their research or a synopsis of existing research.

2016

Scholarship
Deadline

November 15, 2016

Moderator - Doug Allen

Lechel Memorial Scholarship Presentation

11:45 AM

Legacy Effects of Emerald Ash Borer, *Agrilus planipennis* on Stream Ecosystem Function
Courtney E. Larson
Michigan State University

12:00 Noon

**MMCA Business Meeting & Lunch
(Harvest Ballroom)**

Workaholics Buffet - Soup, Sandwiches, Potato Salad, House Salad, Chips, Cookies & Brownies

Richard Adler
University of Michigan - Dearborn
Department of Natural Sciences
Dearborn, MI 48128
(313) 593-5288
radler@umich.edu

Doug Allen
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Paul Botch, PhD
Entomology Department
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American Mosquito Control
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Kenley Farrel Memorial Scholarship



KENLEY FARREL

To honor the memory of Mr. Kenley Farrel, Hatfield Spraying Service and MMCA annually present a scholarship to encourage interest in mosquito control and to assist a student financially toward a higher education in the Natural Sciences or related field.

2015 Scholarship Topic

"Avian Mortality as an Indicator of Human Risk for West Nile virus"

2016 Scholarship Topic Deadline - 11/1/2016

"Integrated Mosquito Management and Its Role in Pollinator Protection"

The first place \$1,000 winner is Jenna McDonell.

Jenna is a senior at Saginaw Valley State University. She is currently completing her last semesters of the Nursing program. In her free time she enjoys reading, or spending time with her family kayaking, either in her own backyard along the Kawkawlin River, or north to the AuSable. After graduation she plans to continue for her masters with a focus on patient education and nutrition for chronic diseases, and partner with foundations on community wellness.



Congratulations Jenna!

The second place \$250 winner is Ryan Miller.

Ryan Miller is currently a senior at Heritage High School in Saginaw. Ryan is a motivated student who excels in and out of the classroom. He is involved in numerous extra-curricular activities including basketball, baseball, National Honor Society, and a 3-year DECA state-qualifier. Outside of school, Ryan is a church lector, a volunteer for Project Independence Ramp Builds, and has attended multiple National Young Leaders Conferences. Next year he plans to major in Business/Marketing while attending Michigan State University, the University of Michigan, or Trine University.



Congratulations Ryan!

Wednesday, February 3, 2016

Moderator - Randy Knepper

1:30 PM

Rain Gardens

Susan Bryan, MLA
Washtenaw County Water Resources
Commissioner's Office

1:55 PM

Why is it so Hard to Control Bed Bugs in Lower-Income Housing?

Rajeev Vaidyanathan, PhD
Clarke

2:15 PM

Pollinator Protection/Honey Bee Health

Michael G. Hansen
Regional Supervisor/State Apiarist
Michigan Department of Agriculture and
Rural Development
Pesticide and Plant Pest Management Division

2:45 PM Vendor Introduction/Presentations

3:00 PM Afternoon Break (Century Ballroom)

Wednesday, February 3, 2016

5:00 - 6:00 PM

**Cash Bar & Entertainment
(Atrium Ballroom)**

6:00 - 8:00 PM

**Awards Banquet and Photo Salon
(Atrium Ballroom)**

*Remember your tickets

Buffet Dinner Menu

**Beef Pot Roast
Pan-Seared Chasseur
Garlic Chicken**



8:00 - 9:00 PM

Comedian
**Dylan Mandlsohn
(Atrium Ballroom)**

Moderator - Brett Ireland

3:15 PM

MDARD/Regulatory Updates

Kevin C. Kern
Michigan Department of Agriculture and Rural Development

3:35 PM

Succession Planning for Sustaining a Healthy, Vibrant Agency

Stephen A. Manweiler, PhD
Metropolitan Mosquito Control District, Minnesota

3:55 PM

The Impact of Cholera and Mosquito-Borne Disease in the 19th-Century Michigan Territory

Richard Adler
University of Michigan - Dearborn

4:25 PM

Managing the Media

Joseph M. Conlon
American Mosquito Control Association

5:00 PM - 10:00 PM (Atrium Ballroom)

Wednesday Evening Banquet & Entertainment

Conference Exhibitors

SPECIAL THANKS!!

MMCA can not begin to thank the vendors enough for all their generosity, support, and dedication. There are many vendors that have been with us since the beginning and have continued to support MMCA year after year. We are able to give our members so much more through the generosity of our sponsors and exhibitors.

Thanks for all you do and we hope to continue to see you in the years to come.

Adapco, Inc

550 Aero Lane
Sanford, FL 32771
(866) 279-7934
www.myadapco.com

Al's Aerial Spraying

3473 North Shepardsville Road
Ovid, MI 48866
(989) 834-5067
www.alsaerialspraying.com

AllPro Vector Group

640 Griswold Street, Suite 200
Northville, MI 48167
(248) 773-7460
www.allprovector.com

Bay County Mosquito Control

810 Livingston Avenue
Bay City, MI 48708
(989) 894-4555
www.baycounty-mi.gov/mosquitocontrol

Bayside Vector Control, Inc

2055 Bilter Road
Aurora, IL 60502
(630) 240-2368

Clarke

675 Sidwell Court
St Charles, IL 60174
(800) 323-5727
www.clarke.com

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www.mimosq.org

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www.co.midland.mi.us/mosquito

Saginaw County Mosquito Abatement Commission

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(989) 755-5751
www.scmac.org

Univar USA

37637 Five Mile Road
Livonia, MI 48154
(248) 357-2230
www.pestweb.com

Valent BioSciences Corporation

4908 Wedgefield Drive
Wilmington, NC 28409
(910) 392-3685
www.valentbiosciences.com

Velocity Systems, LLC

21443 18 Mile Road
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www.mqtrack.com

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Kenley Farrel

- HATFIELD SPRAYING SERVICE
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William Lechel, II

- APM MOSQUITO CONTROL
- CLARKE

Earl's Spray Service, Inc.



AL'S AERIAL SPRAYING



Notes

Michigan County-Wide Districts

Bay County
Mosquito Control
Director - Thomas Putt
(989) 894-4555

Midland County
Mosquito Control
Director - Carl Doud
(989) 832-8677

Saginaw County Mosquito Abatement Commission
Director - Bill Stanuszek
(989) 755-5751

Tuscola County
Mosquito Abatement
Director - Kim Green
(989) 672-3748

Moderator - Isaac Blackmon

7:45 AM
Refreshments Available (Century Ballroom)

8:15 AM (East-West Ballroom)
Mosquito Control and Customer Service
Tami L. Seago, BSN
APM Mosquito Control

8:35 AM
Home Remedies for Better or Worse
Mark D. Sheperdigian
Rose Pest Solutions

9:05 AM
The Brown Marmorated Stink Bug (BMSB): Michigan's Newest Home Invader
Paul S. Botch, PhD
Michigan State University

9:20 AM
Photography In Mosquito Control
Douglas W. Allen
Midland County Mosquito Control

9:35 AM
Into the MDNR Forest
Carl W. Doud, PhD
Midland County Mosquito Control

9:55 AM
Mid-Morning Break (Century Ballroom)



2016-2017 MMCA President

Erik S. Foster

Erik Foster is the Medical Entomologist for the Bureau of Disease Control, Prevention, and Epidemiology at the Michigan Department of Health and Human Services. Working with human and animal healthcare providers, local public health, university partners, and mosquito districts, Erik provides statewide human and ecologic surveillance for arboviruses and other zoonotic diseases. He also provides assistance and consultation on issues regarding public health nuisance pests for housing providers, the public, and enforcement agencies.

Moderator - Erik Foster

10:25 AM
Benefits of Fleet Tracking
Bradley D. Looy
Velocity Systems, LLC

10:45 AM
Mosquito Control, The Public Perception
Brett R. Ireland
Midland County Mosquito Control

11:00 AM
The Importance of Mosquito Disease Surveillance to a Control Program
Charles R. Pearce
Saginaw County Mosquito Abatement Commission

11:15 AM
Utilizing a Backpack Sprayer
Larry W. Zapfe
Tuscola County Mosquito Abatement

11:30 AM
Treating Around Organic Farms
Gavin D. Greer
Tuscola County Mosquito Abatement

11:45 AM
Concluding Remarks & President's Drawing
Erik S. Foster
2016-2017 MMCA President