

North Central Mosquito Control Association

The North Central Mosquito Control Association promotes safe, effective mosquito control and serves the states of Iowa, Minnesota, North Dakota, South Dakota, Wisconsin and the Canadian provinces of Saskatchewan, Manitoba, and northwestern Ontario.

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ADAPCO

550 Aero Lane
Sanford, FL 32771

Airborne Custom Spraying Inc.

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Halstad, MN 56548

AMVAC

3949 S 119th Street
Greenfield, WI 53228

Central Life Sciences

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Schaumburg, IL 60173

City of Minto

PO Box 342
Minto, ND 58261

Clarke

675 Sidwell Court
St. Charles, IL 60174

Frontier Precision, Inc.

10900 73rd Avenue North
Maple Grove, MN 55369

Grand Forks Public Health

151 South 4th Street
Grand Forks, ND 58201

London Fog, Inc.

505 Brimhall Avenue, PO Box 406
Long Lake, MN 55356

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2099 University Ave W
St. Paul, MN 55104

MGK

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Minneapolis, MN 55427

Scott's Helicopter Service

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Target Specialty Products

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North Central Mosquito Control Association



16TH ANNUAL MEETING

PROGRAM

April 6, 2022

Virtual Program to be held using GoToMeeting

Meeting Generously Sponsored by

CENTRAL LifeSciences

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Airborne Custom Spraying

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Annual Meeting of the North Central Mosquito Control Association April 6, 2022

Wednesday April 6, 2022

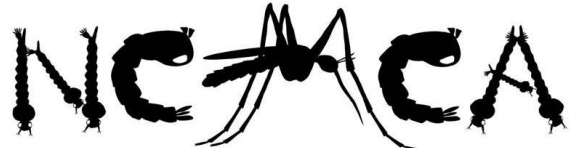
- 8:15 Call to Order, welcome and housekeeping
Ben Prather, President, North Central Mosquito Control Association
- 8:20 Emergence of Lyme disease in Canada – The role of climate change
Nicholas Ogden, Public Health Agency of Canada
- 9:00 Mosquito adaptation to climate warming
Lisa Couper, Stanford University
- 9:20 2021 Climate in Review & 2022 Mosquito Season outlook
Laura Edwards, South Dakota State University
- 9:40 Break**
- 9:55 Insecticide treated resting boxes to control EEE virus transmission: A proof of concept study
Edward A. Walker, Michigan State University
- 10:10 Tick-borne disease prevention survey in the Upper Midwest
Jenna Bjork, Iowa State University
- 10:25 The implementation of behavioral change techniques through a smartphone application to promote personal protective behaviors against tick-borne diseases
Pilar Fernandez, Washington State University
- 10:40 Management of *Ixodes scapularis* in the Upper Midwest
Susan Paskewitz, University of Wisconsin
- 10:55 The distribution of the blacklegged tick (*Ixodes scapularis*) in Michigan and the habitat suitability models of the blacklegged tick in Michigan
Vishvapali Kobbedakuwa, Michigan State University

Wednesday April 6, 2022

- 11:05 Implementation and results from the Canadian Lyme Sentinel Network (CaLSeN)
Camille Guillot, Université de Montréal
- 11:20 2021 Epizootic Hemorrhagic Disease outbreak in North Dakota wildlife
Charlie Bahnson, North Dakota Game and Fish
- 11:35 2020 EHD outbreak at the Minnesota Zoo
Kirk Johnson, Metropolitan Mosquito Control District
- 11:50 Lunch**
- 1:00 North Central Mosquito Control Association Board Update
Mark Smith, Treasurer, North Central Mosquito Control Association
- 1:10 Human impacts of vector-borne diseases in Minnesota
Molly Peterson, Minnesota Department of Health
- 1:25 How drought impacts mosquito populations in the Metropolitan Mosquito Control District
Scott Larson, Metropolitan Mosquito Control District
- 1:40 *Aedes albopictus* gains a foothold in Iowa: Tracking its introduction and establishment
David Hall, Iowa State University
- 1:55 Combatting Mosquito Resistance: Help is on the way!
Mark Clifton, North Shore Mosquito Abatement District
- 2:10 Surviving a rough winter. Tire and snow mediate winter survival of *Aedes albopictus*
Katie Susong, University of Wisconsin
- 2:20 Characterization of the microbiome of > 30 thousand mosquitoes from southern Manitoba
Cole Baril, Brandon University

Wednesday April 6, 2022

- 2:30 Break**
- 2:45 Health impacts of vector-borne diseases in South Dakota
Anita Bharadwaja, South Dakota Department of Health
- 3:00 Leveraging technology for data collection and timely reporting
Scott Bazylewski, City of Winnipeg
- 3:15 VectoSurv: Web-based tools for integrated vector management
Kurt A Johnson, University of California Davis
- 3:30 DeltaGard®20EW Efficacy for Adult Mosquito Control in Winnipeg
Jennifer Pawluk, University of Winnipeg
- 3:40 Effectiveness of truck-mounted ULV methoprene applications against WNV vector species in the Chicagoland suburbs
Haley Johnson, University of Wisconsin
- 3:50 Beyond tip it or toss it for *Culex* larvae control
Patrick Irwin, Northwest Mosquito Abatement District
- 4:05 Closing
Ben Prather, President NCMCA
- Adjourn – See You (hopefully in person) Next Year!**



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