

Annual Meeting of the North Central Mosquito Control Association April 5 & 6, 2018

Thursday April 5, 2018

- 7:30 am Registration
- 8:00 Call to order and announcements
Ken Nawolsky
President, NCMCA
- Welcome address
Councillor Mike Pagtakhan
City of Winnipeg
- 8:15 AMCA activities and opportunities
Dr. Mark Breidenbaugh
AMCA, North Central Regional Director
- 8:30 Keynote Address
A quiver of arrows: Selected technologies from the Gaugler Lab
Dr. Randy Gaugler
Rutgers University
- 9:30 A brief history of biting fly research in Manitoba: it really bites
Dr. Terry Galloway
University of Manitoba, Canada
- 10:00 Defense Support for Civilian Agencies (DSCA) in vector control using Hurricane Harvey as a case study
Dr. Mark Breidenbaugh
U.S. Air Force Aerial Spray Unit, Ohio
- 10:30 Break**
- 10:45 Oviposition site selection by *Aedes aegypti* and *Anopheles gambiae* mosquitoes with respect to water with different organic content.
Ivan Drahun
University of Winnipeg, Canada
- 11:00 Preparing for Zika Virus in Canada
Dr. Robbin Lindsay
Public Health Agency Canada, Winnipeg, MB
- 11:30 The quest for season long catch basin control
Dr. Stephen Manweiler
MMCD
- 11:50 *Coquillettidia perturbans* in the cattail marshes of Minneapolis
Marty Kirkman
MMCD
- 12:10 **Vendor Introductions**
- 12:15 Lunch (provided) & Silent Auction**

Thursday April 5, 2018

- 1:25 *Culex restuans* and the strange story of a bird-loving mosquito that lays eggs where horses drink
Dr. Rob Anderson
University of Winnipeg, Canada
- 1:40 Overview of Winnipeg mosquito control program
Ken Nawolsky
City of Winnipeg Insect Control Branch
- 1:50 Dispersal behaviour and landscape-level modelling of adult mosquitoes in Winnipeg, MB
Martine Balcaen
University of Winnipeg, Winnipeg, MB
- 2:10 Mosquito control in a Utah high desert environment
Dr. Ary Faraji
Salt Lake City MAD, Salt Lake City, Utah
- 2:30 Enhanced sterile insect technique using RNA interference technologies
Dr. Steve Whyard
University of Manitoba, Winnipeg, MB
- 2:45 Updates on mosquito fauna of Canada
Dr. Mahmood Iranpour
Public Health Agency Canada, Winnipeg, MB
- 3:00 Break** (silent auction bidding ends 3:10)
- 3:15 Use of drones in mosquito control
Bill Reynolds
Leading Edge Associates, Fletcher, NC
- 3:35 Keeping pesticide workers healthy, an overview of age, drugs & shiftwork
Alison Reineke
Elias Occupational Hygiene Consulting
- 4:30 2019 Annual Meeting in Twin Cities Metro Area
Mark Smith
MMCD
- 4:35 Silent auction wrap up
Carter Woodley
Cass County Vector Control, Fargo, ND
- 4:45 Adjourn
- 6:00 Social event**

Friday April 6, 2018

- 8:00 am Breakfast – Coffee
 - 8:15 Member Meeting
Ken Nawolsky
City of Winnipeg Insect Control Branch
 - 9:10 California Serogroup and other viruses
Dr. Mike Drobot
Public Health Agency Canada, Winnipeg, MB
 - 9:30 The overwintering survival and cold hardiness of blacklegged ticks in Manitoba
Zach Polk
University of Manitoba, Canada
 - 9:50 Ticks diseases beyond Lyme
Dr. Richard Rusk
Manitoba Health, Seniors, and Active Living, Winnipeg, MB
 - 10:10 **Break**
 - 10:30 Emerald Ash Borer Preparedness and Response in Winnipeg
Martha Barwinsky
City of Winnipeg Urban Forestry Branch
 - 10:50 Stand factors affecting the abundance and impact of North American parasitoids attacking the emerald ash borer across southern Ontario
Justin Gaudon
University of Toronto, Toronto, ON
 - 11:05 EAB: What we have learned from the US and China experience
Dr. John Ball
South Dakota State University, Brookings, SD
 - 12:00 Lunch
 - 1:30 Demonstrations
 - 4:00 Adjourn – See You Next Year!**
- Meeting Generously Sponsored by**

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