

2011

**West Central Mosquito
and
Vector Control
Association
37th Annual Meeting
and
Wyoming Mosquito
Management Association
Annual Meeting**



Snow King Resort
Jackson Hole, Wyoming
February 22-23, 2011

2010 WCMVCA Officers

Tony Stilwell, President

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Kristine Bennett, Second Vice President

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Zane McCallister, Executive Board Member

Janine Bennett, Executive Board Member

Keith Wardlaw, Past President

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West Central Mosquito and Vector Control Association

37th Annual Meeting
Jackson Hole, WY
February 22-23, 2011

Program Brochure & Meeting Supplies
Sponsored by: **Colorado Mosquito Control**

----- MONDAY, FEBRUARY 21st -----

- 4:00-8:00 Registration and Submission of
PowerPoint Presentations
- 6:00 Board Meeting

----- TUESDAY, FEBRUARY 22nd -----

- 6:30-4:00 **REGISTRATION**
- Registration Table** Sponsored by:
FourStar Microbial Products
- 6:30-8:15 Submission of Presentations
- Audio/Visual** Sponsored by: **Target
Specialty Products**
- 7:00-8:20 **TUESDAY MORNING BREAKFAST
& COFFEE:** Sponsored by **Vector
Disease Control International, LLC
(VDCI)**

TUESDAY - 1st MORNING SESSION:

Moderated By: Tony Stilwell, Target Specialty Products, Longmont, CO

- 8:30-8:40 **Introduction:** Tony Stilwell, WCMVCA & Marta Iwaseczko, WMMA
- 8:40-8:50 **Welcome to Jackson Hole:** Honorable Mayor Mark Barron
- 8:50-9:40 **Keynote Speaker: Politics, Public Health, and Mosquitoes: The Origins of the Great American Anti-Mosquito Crusade,** Dr. Gordon Patterson, Florida Institute of Technology, Melbourne, FL
- 9:40-10:00 **Just When You Thought You've Seen Them All...More Unusual Colorado Mosquito Records,** Dr. Michael "Doc" Weissmann, Colorado Mosquito Control, Brighton, CO
- 10:00-10:30 **MORNING BREAK:**
Sponsored by **ADAPCO**

TUESDAY - 2nd MORNING SESSION:

Moderated by: Keith Wardlaw, City of Laramie, Laramie, WY

- 10:30-10:50 **Assessment of Spray Efficacy and Resistance Status During a WNV Outbreak in Maricopa County, AZ.,** Janet McAllister, CDC, Fort Collins, CO
- 10:50-11:00 **Pesticide Resistance in *Culex tarsalis* from Salt Lake City Area,** Banugopan Kesavaraju, Salt Lake City MAD, Salt Lake City, UT

- 11:00-11:10 **Education: The Key to Effective Community Involvement in Mosquito Control**, Patrick Smith, South Salt Lake Valley MAD, West Jordan, UT
- 11:10-11:40 **Effect of ground-applied ULV etofenprox (Zenivex E20 and E4) in two trials in Wyoming**, Dean Gaiser, Central Life Sciences, Spokane, WA, John Holick, Teton County MAD, Jackson, WY, John Lehman, Natrona County Mosquito Control, Casper, WY
- 11:40-12:00 **Building a Greater Understanding of the RAMP WNV System**, Gale Jirik, ADAPCO, Rye, CO
- 12:00-1:00 **LUNCH & WCMVCA BUSINESS MEETING:** Sponsored by **Central Life Sciences**

TUESDAY - 1st AFTERNOON SESSION:
Moderated by: Zane McCallister, Grand River Mosquito Control, Grand Junction, CO

- 1:00-1:30 **North Fork MAD; The Long Road to Effective Mosquito Control**, Elizabeth Collins, Mike Smolen, North Fork Mosquito Abatement District, Hotchkiss, CO
- 1:30-1:50 **AMCA Update**, Janet McAllister, AMCA President, Fort Collins, CO
- 1:50-2:05 2010 Hollandsworth Award Winner
Temporal Pattern of Persistent West Nile Virus Infections in House Sparrows, Sarah Wheeler, University of California Davis, Davis, CA

- 2:05-2:25 **Meeting the NPDES Permit Requirements using Sentinel GIS Mapping and Reporting**, Nathan Hill, UNIVAR
- 2:25-2:35 **Multi Seasonal Comparison of Biodiversity and Population Dynamics of Colorado Mosquitoes Collected in CO2 Baited CDC Light Traps**, Amber Partridge, Robert Hancock, Metro State College, Denver, CO
- 2:35-2:45 **Species Diversity and Seasonal Dynamics of Larval Mosquitoes in Selected Colorado Agricultural/Urban Centers**, Gillian Andersen, Melissa Kyer, Robert Hancock, Metro State College, Denver, CO
- 2:45-2:55 **Mosquito Breeding Sites in Relation to Hydrographical and Surrounding Agricultural Uses in Selected Colorado Agricultural/Urban Centers**, Melissa Kyer, Gillian Andersen, Robert Hancock, Metropolitan State College, Denver, CO
- 2:55-3:25 **AFTERNOON BREAK:**
Sponsored by **Clarke**

TUESDAY - 2nd AFTERNOON SESSION:
Moderated by: John Holick, Teton County MAD,
Jackson, WY

- 3:25-3:45 **An Update on the Natular (spinosad) Larvicide Formulations**, James McNelly, Clarke Technical Center, Schaumburg, IL

- 3:45-4:00 **Differentiation of *Bti* and *Bsph* Mosquito Larvicides: Which one should you use?** Stephanie Whitman, Valent BioSciences, Laramie, WY
- 4:00-5:00 ***The Bedbugs of London*, Film with Narration**, Robert Hancock, Metropolitan State College, Dept. of Biology, Denver, CO
- 5:00 **ADJORN**

----- WEDNESDAY, FEBRUARY 23th -----

- 7:00-9:00 **REGISTRATION**
- 7:00-8:00 **EARLY MORNING BREAKFAST & COFFEE:** Sponsored by **Valent Biosciences**

WEDNESDAY - 1st MORNING SESSION:
Moderated by: Brian Hougaard, So. Salt Lake Valley MAD,
West Jordan, UT

- 8:00-8:15 **City of Laramie West Nile Virus Prevention Program 2003-2010**, Keith Wardlaw, Mosquito Control Crew Supervisor, City of Laramie, WY
- 8:15-8:30 **Wyoming Emergency Insect Management Grant**, Slade Franklin, Wyoming Department of Agriculture, Cheyenne, WY
- 8:30-8:45 **Applying Site Annoyance Potential**, Carter Synhorst, Zane McCallister, Grand River Mosquito Control District, Grand Junction, CO

8:45-9:15 **Wyoming Pollution Discharge Elimination System (WYPDES) and Pesticide Permitting**, Marcia Porter, Wyoming DEQ/WQD, Cheyenne, WY

9:15-9:35 **An Update of NPDES Process: National and State Perspective**, Dave Brown, AMCA Legislative and Regulatory Chair, Sacramento-Yolo Mosquito & Vector Control District, Elk Grove, CA

9:35-10:05 **NPDES Panel Discussion and Questions**

10:05- 10:30 **MORNING BREAK:** Sponsored by UNIVAR

WEDNESDAY - 2nd MORNING SESSION:

Moderated by: Marta Iwasieczko, Teton County Mosquito Abatement, Jackson, WY

10:30-10:50 **Is the Rapid Analyte Measurement Platform (RAMP) Kit Accurate for West Nile Virus Detection? A Nationwide Evaluation Using Data Acquired from Mosquito Control Programs in the United States**, Banugopan Kesavaraju, Salt Lake City MAD, Salt Lake City, UT

10:50-11:05 **Summer Inversions and Mountain Effects**, Jim Woodmencey, Mountainweather.com, Jackson, WY

11:05-11:15 **Larvicide Formulation Efficacy in Agricultural Settings**, Zane McCallister, Jessica Hogue, Rachel Roten, Grand River Mosquito Control District, Grand Junction, CO

- 11:15-11:30 **Catch Basin Treatments and
Adulticide Application in Chicago:
2010**, Allen Loe, Vector Disease
Control, Inc. (VDCI), Blackfoot, ID
- 11:30-11:45 **Duet: A Unique Performance
Adulticide**, James McNelly, Clarke
Technical Center, Schaumburg, IL
- 11:45-12:00 **Effect of ULV Aerial Adulticide
Applications on Honey Bee
Mortality in Natrona County, WY.**,
Ashley Fulton, Natrona County Public
Health Department, Casper, WY
- 12:00 **ADJOURN**

2011 Annual Meeting Speakers

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Woodmencey, Jim - mail@mountainweather.com

Past Presidents

- 1974--Archie Hess, Colorado
- 1975--Louis Ogden, Colorado
- 1976--Donald Forcum, Wyoming
- 1977--Fred Malone, New Mexico
- 1978--Harold Butterfield, Nebraska
- 1979--John Lloyd, Wyoming
- 1980--Jay Linam, Colorado
- 1981--Garth Graves, New Mexico
- 1982--Bruce Francy, Colorado
- 1983--Everett Spackman, Wyoming
- 1984--William Rapp, Jr. Nebraska
- 1985--Donald Forcum, Wyoming
- 1986--Gerald Holandsworth, Colorado
- 1987--Curtis Montman, New Mexico
- 1988--Chester Moore, Colorado
- 1989--Kenneth Minson, Utah
- 1990--Kenneth Conright, Colorado
- 1991--Gary Maupin, Colorado
- 1992--Jim Harrison, Colorado
- 1993--Sammie Dickson, Utah
- 1994--Fred Holbrook, Wyoming
- 1995--Eugene Mortimer, New Mexico
- 1996--Pamela Reynolds, New Mexico
- 1997--C. Mills Reeves, Jr., Texas
- 1998--Wayne Kramer, Nebraska
- 1999--Joseph Targehetta, New Mexico
- 2000--Gary Hatch, Utah
- 2001--Mike McGinnis, Colorado
- 2002--Brad Asay, Wyoming
- 2003--Monte Deatrich, Colorado
- 2004--Evan Lusty, Utah
- 2005--Tom Janousek, Nebraska
- 2006--Mike Doyle, Colorado
- 2007--Robert Brand, Utah
- 2008--Janet McAllister, Colorado
- 2009--Keith Wardlaw, Wyoming
- 2010—Tony Stilwell, Colorado