

12:00-1:00 **LUNCH**
Sponsored by **WCMVCA**

1st AFTERNOON SESSION

Moderated by: Zane McCallister

1:00-1:15 **GeoPro and GeoPro Mobile Scout, a new hosted data management service for the mosquito control industry**, Derek Wright, Adapco, Sanford, FL

1:15-1:30 **Advantages of incorporation of GPS & GIS technologies in ULV adulticiding application programs**, Edward S. Horvath, OtterTail Environmental, Wheat Ridge, CO

1:30-1:45 **Benefits of GIS in Vector-Borne Disease Surveillance**, Ryan Pierson, Electronic Data Solutions, Jerome, ID

1:45-2:00 **Results of Zenivex Aerial Treatment Project at Williston, ND in 2009**, Dean Gaiser, Central Life Sciences, Schaumburg, IL

2:15-2:30 **Zenivex**, Ed Bredemeyer, Central Life Sciences, Schaumburg, IL

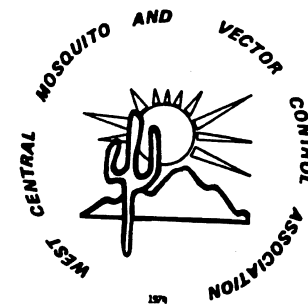
2:30-2:45 **AFTERNOON BREAK**
Sponsored by Valent BioSciences

2:45-3:30 **WCMVCA BUSINESS MEETING**

3:30 **Adjourn**

2010
Joint meeting of the
**West Central Mosquito
and
Vector Control
Association**
-36th Annual Meeting-
And
**State Public Health
Vector Control
Conference**

Fort Collins Hilton
Fort Collins, Colorado
February 24-25, 2010



2010 WCMVCA & SPHVCC

Annual Meeting • Fort Collins, CO
February 24-25, 2010

TUESDAY, FEBRUARY 23rd

5:00-8:00 pm Registration and Submission of
PowerPoint Presentations

6:00- WCMVCA Board Meeting

WEDNESDAY, FEBRUARY 24th

6:30-9:00 **Registration**

6:30-8:15am **Submission of Presentations**

AUDIO/VISUALS Sponsored by
Colorado Mosquito Control

7:00-8:20 **WEDNESDAY MORNING BREAKFAST
BUFFET:** Sponsored by **WCMVCA**

1st MORNING SESSION

Moderated By: Keith Wardlaw

8:20-8:30 **Introduction:** Keith Wardlaw WCMVCA &
Linn Haramis SPHVCC

8:30-8:40 **Welcome and Comments from the
Division of Vector-Borne Infectious
Diseases Director,** Lyle Peterson, CDC,
Ft. Collins, CO

8:40-8:50 **Welcome to Fort Collins**
Honorable Mayor Doug Hutchinson

8:50-9:35 **Keynote Address; Legislative and
Regulatory Challenges Facing
Mosquito Control Programs,**
Joseph Conlon, AMCA, Mt. Laurel, NJ

9:45-10:00 **FourStar Microbial Briquet
Development & Efficacy,** David Sjogren,
FourStar Microbial Products LLC,
Bend, OR

10:00- 10:30 **MORNING BREAK**
Sponsored by **Central Life Sciences**

2nd MORNING SESSION

Moderated by Edward Horvath

10:30-10:45 **Compromising and negotiating to
obtain effective mosquito control: A
case study, city of Boulder, Colorado,**
Edward Flemming, OtterTail
Environmental, Wheat Ridge, CO

10:45-11:00 **Effective and Efficient Aerial Spraying,**
Harvey A. Teyler, Alamosa MAD,
Alamosa, CO

11:00-11:15 **First Colorado Record for a Rare and
Beautiful Mosquito, *Uranotaenia anhy-
dor syntheta* Dyar & Shannon, and why
it matters,** Michael "Doc" Weissmann
Colorado Mosquito Control, Brighton, CO

11:15-11:25 **Time of host-seeking by *Culex tarsalis*
and floodwater *Aedes* in Northern
Colorado,** Marvin S. Godsey, Jr., Kristen
Burkhalter, Mark Delorey, Harry M.
Savage, CDC, Ft. Collins, CO

11:25-11:40 **Diversity, biogeography and population
dynamics of Colorado mosquitoes col-
lected in CO2-baited mini-CDC light
traps,** M.M. Chapple, A.L. Partridge, M.E.
Hendrix, G.E. Andersen & R.G. Hancock,
Metropolitan State College of Denver,
Denver, CO

11:40-11:55 **Natular TM Stewardship,** Jim McNelly,
Clarke, Roselle, IL

10:15-11:00 **SPHVCC Regional and State Reports,**
Regional and State Representatives

11:00-12:00 **SPHVCC Business Meeting**

12:00-1:00 **LUNCH** Sponsored by **WCMVCA**

WCMVCA Meeting Salon III

1st MORNING SESSION

Moderated by: Tony Stilwell

- 8:30-8:45 **“Born with a sweet tooth:” Colorado nulliparous *Culex tarsalis* captured in CO₂-baited light traps contain more fructose than *Aedes vexans*, A.L Partridge, C.J. Vialpando, M.E. Hendrix, M.M. Chapple, G.E. Anderson & R. G. Hancock, Metropolitan State College of Denver, Denver, CO**
- 8:45-9:00 **Weighing, a New Method for Counting and Identifying Mosquitoes,** Jesse Geis, Alamosa MAD, Alamosa, CO
- 9:00- 9:15 **Mesa Magic: The 2009 Gravid Solution Challenge;** Steven L. DeFeyer Mesa County Health Dept., Grand Junction, CO
- 9:15-9:30 **Quality Assurance Program for Larviciding. Part 1: Purpose and Design;** Marshall Lipps, Boulder Co Public Health Dept, Boulder, CO
- 9:30-9:45 **Quality Assurance Program for Larviciding. Part 2: Results and Discussion;** Mike Doyle, City of Ft. Collins, Ft. Collins, CO

9:35-9:45 **Vendor Introductions**

9:45-10:15 **MORNING BREAK:**
Sponsored by **Valent BioSciences**

2nd MORNING SESSION

Moderated by Janet McAllister

- 10:15-10:30 **Field tests of caged mosquitoes using natural products as potential new adulticides,** Mary Adams & Janet McAllister, CDC, Ft. Collins, CO
- 10:30-10:45 **Dengue as a Reportable Disease in the US,** Rosa Rodriguez-Acosta, Associate Fellow, CDC, Puerto Rico
- 10:45-11:00 **Overview of WNV activity in the U.S. during 2009,** Katherine Gibney, CDC, Ft. Collins, CO
- 11:00-11:15 **Climate Change and Vector-borne Diseases: Public Perceptions vs. Science,** C. Ben Beard, CDC, Ft. Collins, CO
- 11:15-12:30 **Recalculating the Risk in Fort Collins, Colorado,** Jessica Schurich Colorado Mosquito Control, Loveland, CO
- 11:30-11:45 **West Nile virus infection in Culex mosquitoes, Fort Collins & Loveland, CO, 2009;** Chet Moore, Colorado State University, Ft. Collins, CO
- 11:45-12:00 **Recent Eastern Equine Encephalitis Activity in the NE US,** John-Paul Mutebi, CDC, Ft. Collins, CO
- 12:00-12:15 **Update on the Incidence of Lyme disease and other Tick-borne Diseases,** Paul Mead, CDC, Ft. Collins CO & Jennifer McQuiston, CDC, Atlanta, GA

12:15-12:30 **Update on integrated tick management techniques for Lyme disease prevention**, Joseph Piesman, CDC, Ft. Collins, CO

12:30-1:30 **LUNCH:** Sponsored by **WCMVCA**

1st AFTERNOON SESSION

Moderated by: Kristine Bennett

1:30-1:50 **AMCA Update**, Joseph Conlon AMCA Technical Director, Mt. Laurel, NJ

1:50-2:05 Hollandsworth Scholarship Award Winner, **Efficacy of Aerial Mosquito Adulticiding and Non-target Effects to Honey Bees and Other Beneficial Insects in the Agricultural Ecosystem of Northern Greece**, Alexandra Chaskopoulou, University of Florida, Gainesville, FL

2:05-2:30 **The Armed Forces Pest Management Board: A Unique Global Asset**, Captain Stanton E. Cope, AFPMB, Washington, DC

2:30-2:45 **Update on *Aedes japonicus* / *Aedes albopictus*, invasive mosquito species**, Chet Moore, Colorado State University, Ft. Collins, CO

2:45-3:00 **Fecundity of Bluetongue Virus Infected *Culicoides sonorensis* (Diptera: Ceratopogonidae)**, Kristine E. Bennett, USDA/ARS, Laramie, WY

3:00-3:30 **AFTERNOON BREAK:** Sponsored by **ADAPCO**

2nd AFTERNOON SESSION

Moderated by: Brian Hougard

3:30-3:45 **Hantavirus Case Investigation at an Abandoned Dog Track in Eastern Arapahoe County, Colorado**, Bradley W. Turpin, Tri County Health Dept., Denver, CO

3:45-4:00 **Adaptation of the CDC's Mosquito Bottle Bioassay for Determining Insecticide Resistance in *Culicoides sonorensis***; Melissa Stuart, Kristine Bennett, USDA/ARS, Laramie, WY & Janet McAllister, CDC Ft. Collins, CO

4:00-4:20 **Comparison of results from insecticide resistance tests in field assays and the CDC bottle bioassay**, Mariah Scott & Janet McAllister, CDC, Ft. Collins, CO

4:20- 4:35 **Bed Bugs: Ok, are they "Public Health" Pests?** Harold Harlan, PhD, AFPMB, Washington, DC

4:35- 4:50 **One Health: Zoonoses**, Thomas J. DeLiberto, USDA/APHIS Wildlife Services, Ft. Collins, CO

5:00- ***SOCIAL*** Sponsored by **Clarke Mosquito Control Products, Inc. and WCMVCA**

————— THURSDAY, FEBRUARY 25th —————

7:00-8:30am **EARLY MORNING BREAKFAST BUFFET**, Sponsored by **Electronic Data Solutions, FourStar Microbial Products, and WCMVCA**

SPHVCC Meeting Green and Gold Room

7:00-8:30am **Registration**

8:30-10:00 ***SPHVCC Regional and State Reports***, Regional and State Representatives

10:00-10:15 ***MORNING BREAK***
Sponsored by **Central Life Sciences**