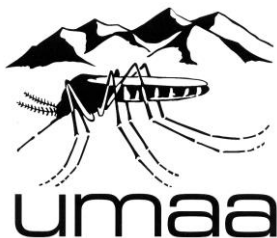

70th
ANNUAL CONFERENCE
OF THE
UTAH MOSQUITO ABATEMENT
ASSOCIATION



Park City Marriott City Center
1895 Sidewinder Drive
Park City, UT 84060

October 29-31, 2017

PROGRAM SUMMARY

Sunday, October 29, 2017

- 3:00 – 6:30 pm Registration – Prospector Foyer A
- 3:00 – 7:00 pm Exhibitor Setup
Silver Mine Ballroom
- 6:30 pm UMAA Board Meeting
Prospector 4
- 8:00 pm President's Reception
Silver Mine Ballroom

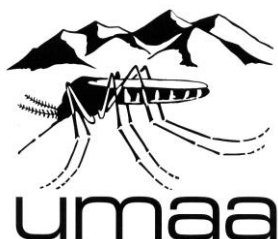
Monday, October 30, 2017

- 7:30 am Registration – Prospector Foyer A
- 8:00 am Plenary Session
Prospector Ballroom 1-3
- 10:00 am Break
- 10:30 am General Session
Prospector Ballroom 1-3
- Noon Lunch – Silver Mine Room Buffet
Eat – Prospector Ballrooms 1-4
- 1:30 pm General Session – Prospector 1-3
- 1:30 pm Trustees Session – Prospector 4
- 3:00 pm Break
- 3:30 pm General Session – Prospector 1-3
- 3:30 pm Trustees Session – Prospector 4
- 5:00 pm Adjourn
- 7:00 pm Banquet – Prospector 1-3

Tuesday, October 31, 2017

- 8:15 am General Session
Prospector Ballroom 1-3
- 10:00 am Break
- 10:30 am General Session
Prospector Ballroom 1-3
- 12:00 pm Adjourn
- 12:15 pm UMAA Annual Business Meeting
Prospector 4

WELCOME TO THE
70th
ANNUAL CONFERENCE
OF THE



UTAH MOSQUITO ABATEMENT
ASSOCIATION

CONFERENCE HOST

Tooele Valley Mosquito Abatement
District
Scott Bradshaw, Manager

MEETING LOCATION

Park City Marriott
1895 Sidewinder Drive

Park City, UT 84060
October 29-31, 2017
**UMAA OFFICERS AND
BOARD OF DIRECTORS**

President Richard Rigby	Rick Chapoose Jr. William Cox Rex Davis
President-Elect Scott Bradshaw	Ary Faraji Rex Griffiths Gary Hatch
Vice-President Sean Amodt	Brian Hougarrrd Ryan Lusty Dan Miller
Secretary/Treasurer Eldon Rowley	Elizabeth Nance Branton Nielson Gary Nielson
Past President Bill Cox	Brian Raymond Richard Rigby Kirk Robbins
Executive Director Randel Sessions	Chris Rowley Eldon Rowley Randel Sessions
Directors Sean Amodt Ryan Arkoudas Scott Bradshaw	Bryan Stephens Kay Weight Cory Worwood

UMAA COMMITTEE CHAIRMEN

Auditing Sean Amodt	Nominating Bill Cox
Awards Bill Cox	Operational Brian Hougaard
Computer/Data Processing Andrew Dewsnup	Pesticides Ryan Arkoudas
Encephalitis Surveillance Gary Hatch	Policy, Finance & Bylaws Sean Amodt
Environmental Impact Kirk Robbins	Program Scott Bradshaw
Legislative & Resolutions Bill Cox	Public Education Gary Hatch
Local Arrangements Randel Sessions	Mosquito Control- Fish & Wildlife Mgmt. Coordination Kirk Robbins

Ryan Arkoudas

Workshop

Monday Morning
October 30, 2017
Plenary Session
Prospector 1-3

Moderator: **Richard Rigby, UMAA President**

- 8:00 Call to Order & Announcements, **Richard Rigby**, UMAA President, & Manager
- 8:10 Welcome to the 64th Annual Meeting in Park City, UT, Jack Thomas, Mayor, Park City, Utah
- 8:15 Welcome to the Marriott, General Manager or Staff Member, Park City Marriott, UT
- 8:20 Introduction of Keynote Speaker, **Ary Faraji PhD**, Manager Salt Lake City Mosquito Abatement District
- 8:25 **Keynote Address:** Precision Mosquito Control, **Randy Gaugler PhD**, Distinguished Professor, Rutgers University
- 9:25 How Mosquitoes Impact Life in the United States, **Joe Conlon**, Technical Advisor, AMCA
- 10:00 **Break**
Door Prize Drawing @ 10:20
- 10:30 AMCA Update, **Wayne Gale**, Ex. Director, Lee County Mosquito Control District
- 10:45 2017 Utah Arboviral Disease Public Health Update, **Dallin Peterson**, Vectorborne/Zoonotic Disease Epidemiologist, Utah Department of Health
- 11:00 Characterization of West Nile Virus Circulation in the American Southwest, **Crystal Hepp PhD**, Northern Arizona University
- 11:15 The Safety Committee Incident Review & Preventing Accidents, **Doug Folsom, CSP** and Jason Watterson , CIH, Utah Local Governments Trust – Loss Prevention
- 11:30 **Vendor Introductions & Presentations**, Each vendor will have up to 2-3 minutes to introduce their company and products
- Noon **Lunch** – Silver Mine Ballroom – Buffet
Eat – Prospector Ballrooms 1-4

Monday Afternoon
October 3, 2017
General Session
Prospector Ballrooms 1-3

Moderator: **Scott Bradshaw**, UMAA President-Elect

- 1:30 Bug Hunt on David Copperfield's Private Island for Billionaires, **Randy Gaugler PhD**, Distinguished Professor, Rutgers University
- 2:00 Zika – The Miami Experience, **Frank Clarke**, Clarke Inc.
- 2:30 A Field Evaluation of VectoPrime FG Using Low Application Rates at Baker Valley Vector Control District, Matt Hutchinson, Baker Valley Vector Control District and **Stephen Ingalls**, Valent BioSciences.
- 2:45 Unlock the Power of Your GIS – Key Strengths and Planned Improvements, **Chad Minter**, Frontier Precision, Inc.
- 3:00 **Break**
Door Prize Drawing @ 3:20
- 3:30 Placer MVCD Integrated Vector Management Program – what, how and why we do what we do, **Joel Buettner**, General Manager Placer Mosquito Control District, Roseville, CA
- 4:00 Central Life Science: Science That Matters, **Blaine Oakeson**, Regional Sales Manager, Central Life Sciences
- 4:15 Defense Support for Civilian Agencies in Vector Control With Hurricane Harvey as a Case Study, **Mark Breidenbaugh, PhD**, Research Entomologist, Youngstown Air Reserve Station, Vienna, Ohio
- 4:45 Evaluation of Lambda-cyhalothrin and Pyriproxyfen Barrier Treatments for *Aedes albopictus* Management in Urbanized Areas of New Jersey, **Isik Unlu**, Superintendent Mercer County Mosquito Control, Trenton, NJ
- 5:00 **Adjourn**

Monday Afternoon
October 30, 2017
Trustee's Session
Prospector Ballroom 4

Moderator: **Bryan Stephens**, Manager Summit MAD

1:30 Trustee Training—Part 1: Governance
(roundtable discussion)

LeGrand Bitter, Executive Director, Utah
Association of Special Districts

Ryan Roberts, Supervisor, Local Government
Division, State Auditor's Office

3:00 **Break**

3:30 Trustee Training—Part 2: Financial (roundtable
discussion)

LeGrand Bitter, Executive Director, Utah
Association of Special Districts

Ryan Roberts, Supervisor, Local Government
Division, State Auditor's Office

5:00 **Adjourn**

Monday Evening

AWARDS BANQUET

Prospector Ballrooms 1-3

7:00 PM

Tuesday Morning
October 31, 2017
General Session
Prospector Ballrooms 1-3

Moderator: **Sean Amodt**, UMAA Vice President

- 8:15 Using BGS traps for *Aedes sierrensis* Surveillance and Other Research Projects at SLCMAD, **Greg White**, PhD, Assistant Manager Salt Lake City Mosquito Abatement District
- 8:30 Using Field Data to Monitor Progress and Productivity, **Eric Gardner**, Brian Hougaard, and Devin Belnap
- 8:45 Trials and Tribulations with Incorporating Unmanned Aerial Vehicles into Your Mosquito Control Operation, **Brad Sorensen**, Urban Field Supervisor, Salt Lake City Mosquito Abatement District
- 9:00 Unmanned Aircraft Systems (UAS) for Multispectral Imagery and Aerial Applications, From Cambodia to the United States, **Bill Reynolds**, Leading Edge Associates
- 9:15 Trials of Natular 2EC Using a Lite Foot Track Vehicle, **Ryan Lusty**, Manager, Magna Mosquito Abatement District
- 9:30 Using Data to Make Better Pesticide Purchases, **Ben Wilhelm**, Cache Mosquito Abatement District
- 9:45 "Unique SWMACD Mosquitoes", **Sean Amodt**, Manager, Southwest Mosquito Abatement & Control District
- 10:00 **Break**
Door Prize Drawing @ 10:20
- 10:30 ATV Tracking: Monitoring, Training, and Spying, **Scott Bradshaw**, Manager, Tooele Valley Mosquito Abatement District
- 10:45 Citizen Science: Putting the "Public" Back in Public Health. **Lee Cohnstaedt**, Research Entomologist
Arthropod-Borne Animal Disease Research Unit
USDA
- 11:00 The Role of Mosquito Blood Meal Identification in WNV Tracking, **Kathryn Allred** and Linnea Harris, Utah County Mosquito Abatement Department

- 11:15 q-PCR What We Have Learned This Year, **Dan Miller**, Manager, Utah County Mosquito Abatement Department
- 11:30 Making the Switch From Dry Ice to CO2 Canisters and Using a 3D Printer For your Own Trap Manufacture, **Andrew Dewsnap**, GIS/IT Specialist, Salt Lake City Mosquito Abatement District
- 11:45 The Perfect Swarm - A Declaration for WNV, **Dave Herter**, Supervisor, Bannock County Noxious Weed/ Mosquito Abatement, Pocatello, ID
- Noon **Adjourn**
- 12:15 **UMAA Annual Business Meeting** – Prospector 4

2017 UMAA SUSTAINING MEMBERS

ADAPCO INC.

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chad@frontierprecision.com

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mike.wilson@urs.org

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Laramie, WY 82072
(307) 721-4335
(307) 399-1732
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VECTOR DISEASE CONTROL, LLC (VDCI)

Malcom Williams
1320 Brookwood Dr. Suite H
Little Rock AR 72202
(800) 413-4445
mwilliams@vdc.net

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SPECIAL FUNCTIONS**

PRESIDENT'S RECEPTION

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VECTOR DISEASE CONTROL
INTERNATIONAL

PRINTING OF PROGRAM & AWARDS

AMVAC

DOOR PRIZES

To Be Announced When Prizes Are Given Out

NOTES

Past Presidents

1948	Don M. Rees	1982	Elmer Kingsford
1949	Don M. Rees	1983	Robert Brand
1950	Don M. Rees	1984	Steven Romney
1951	Don M. Rees	1985	James Nielsen
1952	O. W. Young	1986	Lewis Marrott
1953	Theodore Schoenfeld	1987	Kenneth Minson
1954	O.C. Finley	1988	Sammie Dickson
1955	Howard Widdison	1989	Kay Weight
1956	Delore Nichols	1990	Lewis Nielsen
1957	Jay E. Graham	1991	Doug Brown
1958	Lewis Nielsen	1992	John Jaussi
1959	Lewis Fronk	1993	Keith Wagstaff
1960	Karl Josephson	1994	Evan Lusty
1961	Morris Swapp	1995	Bruce Bennett
1962	Glen C. Collett	1996	Steven Romney
1963	George F. Knowlton	1997	Gary Hatch
1964	Henry Beckstead	1998	Dennis Kiyoguchi
1965	D. Elden Beck	1999	Gordon Wheeler
1966	Lewis Fronk	2000	Randel Sessions
1967	Larry Nielsen	2001	Robert Brand
1968	Kendall Sedgewick	2002	Brian Hougaard
1969	Karl Josephson	2003	Val Bowlden
1970	William Wright	2004	Eldon Rowley
1971	Reed Roberts	2005	Kirk Robbins
1972	Lee Kay	2006	Ryan Arkoudas
1973	Wilford Egbert	2007	Mike Oldham
1974	Carl D. Clark	2008	Sammie Dickson
1975	Don M. Rees	2009	Robert Mower
1976	Earl Jenne	2010	John Johnson
1977	Larry Nielsen	2011	Ryan Lusty
1978	Evan Lusty	2012	Tyson Packer
1979	Keith Wagstaff	2013	Mario Boisvert
1980	Wanless Southwick	2014	Eldon Rowley
1981	Dennis Hunter	2015	Bryan Stephens
		2016	William Cox

