



2017

## AAPCO SPRING MEETING

*Standing Committee, Workgroups, and Liaison Reports*



## AAPCO Workgroup or Liaison Report to Annual Meeting

Work Group/Liaison Name: **Check Sample**. Lead Person's Name: Ping Wan

Date of Report: 3/1/2017

Issues to be raised for discussion by AAPCO Board or General Session:

None

General summary of work group/liaison activities for the year:

**The 2017 AAPCO Check Sample Program was successfully conducted. Annual subscription fees are kept unchanged at \$200 per year for U.S. labs and \$250 per year for international labs. This has been the fee structure set by the AAPCO board since 2008.**

**This year we have a total of 83 laboratories subscribed to the program from the U.S. and all over the world. Interests in the program remain strong from both U.S. domestic labs and labs oversea. There are currently 43 international labs participating from 27 countries across four continents.**

**Four commercial pesticide products containing four pesticide active ingredients were offered in the 2017 program. Samples were mailed out to all participants during the first two weeks of October 2016 with analytical results due back in January 2017. We continue to offer a variety of analytes, matrices and fortification levels each year to help labs gain experience testing many different types of formulation samples on the market. Homogeneity tests were performed to guarantee the high quality of the test samples offered.**

**Future activities:**

- 1. An evaluation report to detail participants' performance will be published in March 2017.**
- 2. Analytes of interest to be offered for the 2018 program will be selected in May 2017.**
- 3. Samples for the 2018 program will be shipped to participants during October 2017.**

**Respectively submitted,**

**Ping Wan  
Chair, AAPCO Check Sample Program**

## AAPCO Workgroup or Liasion Report to Annual Meeting

Work Group/Liaison Name: Laboratory Committee

Lead Person's Name: **Michelle Bogner** Date of Report: **February 21, 2017**

**The Laboratory Committee has no issues to be raised at this time.**

**The Laboratory Committee meets annually during the AAPCO spring meeting and has quarterly phone calls. The following report outlines activities from last year's meeting and calls.**

The Laboratory Committee met on Monday, March 7<sup>th</sup> and Tuesday, March 8<sup>th</sup>, 2016, at the Hilton Alexandria Old Town during the AAPCO annual meeting in Alexandria, VA. There were a total of 15 participants, an increase from the previous year. Of those participants, 13 were from state laboratories, one was from EPA and one was from industry.

Ping Wan of the Indiana State Chemist's Office provided an update on the AAPCO Formulation Check Sample Program. Indiana has hosted this check sample since 2000. In the 2016 check sample round, 89 laboratories participated, an increase of over 10%. Once again, there were more international labs that participated than domestic labs, probably due to increased pressure for accreditation. The annual fee for participation is \$200 for domestic labs and \$250 for international labs. Products that are able to be used for this program are restricted by shipping constrictions, especially for international shipping. For example, aerosols cannot be shipped and organophosphates are restricted in amounts that can be shipped. There are usually three products representing four to six active ingredients that are used. Participants can choose to do however many of the four they wish. The published report contains methods used by the labs to help others with troubleshooting. Indiana will provide the manufacturer's method if asked. Some labs do not participate every year, but alternate years.

An update on the Wisconsin Residue Check Sample Program was given by Amy DeBaker of Wisconsin's Department of Agriculture, Trade and Consumer Protection via phone. Two rounds of samples were sent out in the last year, one set of soil in the spring and another set of foliage in the fall. A new type of foliage, corn leaves, that is not so dry is being used at the request of participants for different foliage. The limits of detection assumed are from 0.5 to 2 parts per million. There is no requirement that the lab run all four categories of base neutrals, acid herbicides, imidazolinones and glyphosate. Wisconsin is looking to update the list of analytes possibly used for spiking in 2017. There is a plan to survey states on what they are most often asked for in July of 2016.

A report on the 2015 SFIREG meetings was presented by Michelle Bogner of Michigan Department of Agriculture and Rural Development. Topics discussed were the buffer zones, EPA benchmarks in water, sulfonylurea re-registrations and weed resistance, pyrethroids and pollinators, current work being done on the pollinator issues, EPA registration numbers, cannabis issues, paraquat re-registration, OECA highlights, cancelation of sulfoxaflor, biostimulants, drones, and regional reports.

Jim Stry of Dupont talked about comparing metabolism studies required of registrants to multi-residue extraction method recoveries using radiolabeled active ingredients used to identify

metabolites. Method validation does not address extraction efficiency for incurred residues. Methods that were looked at included DFG 5 19 used in Germany and QuEChERS used by many labs throughout the USA and Europe. Dupont found that the QuEChERS extraction may have problems with compounds that are non-polar or those in dry foliage. Dr. Stry was not familiar with exact details of study to know if the dry foliage was allowed to sit in water to reconstitute. The procedure used a wrist shaker for QuEChERS instead of the more intense shaking of the GenoGrinder and Dr. Stry was not certain how long the mixture was shaken. Reconstitution time, intensity of shaking and length of shaking may all play into the lower recoveries.

Steven Moser of Oklahoma Department of Agriculture, Food and Forestry discussed the efficiencies his lab was able to find due to reduced budgets. They found that the number of samples per person was the driving force in turnaround times and for their lab 200-250 samples per person was the sweet spot to not surpass or turnaround times would be affected. The other driving force was retention of trained personnel. To offset this problem they did cross-training of staff and maintained the training by having the staff perform the other analyses at least once every three to four months.

The group discussed QAPP revisions and how these are maintained in each state. There were significant differences from state-to-state on how often the QAPP is reviewed, who participates in the review and how the QAPP is written in regards to other quality documents the lab uses.

The committee discussed the upcoming Global Harmonization System requirements and shared ideas for fulfilling labeling and information requirements.

Gary Horvath of Minnesota Department of Agriculture gave an update on the plans for the next National Laboratory Workshop being hosted by Minnesota. The committee discussed setting up a monthly call and a planning committee for these annual workshops. Shirley Fan of EPA OECA will assist with this.

The committee had a round table discussion on accreditation challenges.

The committee looked at the webpage area being set up on the AAPCO website and discussed several possible items to be added to the site.

Ping Wan of Indiana Office of State Chemist gave a presentation on the work her lab has been doing using a new high-resolution instrument. They have the Exactive Orbitrap. Other states that have high-resolution instruments are Nevada, Florida and Minnesota. These are very complicated instruments to maintain. Indiana is finding that the instrument does not work well for dirty FIFRA samples when residues are less than 500 ppb or for bee kill studies, but sensitive enough for 1 ppt if extract is clean. The FDA has a database using high-resolution instruments. The mass measurement goes off when injecting high-level samples, so dilutions of everything need to be run to make sure high-level residues are not missed.

The committee has had five phone conferences since the March meeting. The first call was toward the end of May. There were 20 states and five regional offices in attendance. Ed Messina opened the call to introduce the desire for increased communication between states and EPA. Future topics were elicited from callers and a monthly schedule set up.

The next call was held toward the end of June. There were 16 states and two regional offices in attendance. The Laboratory Workshop plans were discussed. Ideas for a steering committee were discussed, number of members, who members should consist of, putting together a charter and webpage, and posting of materials from previous workshops.

The last monthly call was held at the end of July and it was attended by 19 states and five regions. The group discussed EPA's standard repository and ways that labs can get information on residue methods submitted by registrants. There was some discussion on the QAPP and ISO17025:2005 accreditation. The problem of excessive samples that Missouri experienced in the summer of 2016 was discussed and help for the lab was elicited. The call frequency was reduced to quarterly.

The next quarterly call was held at the end of October. The committee went through their area on the AAPCO website for familiarization and to discuss any additions desired. Also discussed was the design of the next survey to be sent out for laboratory capabilities. This survey would include information on whether or not the lab offered fee for service amenities and accreditation status for each type of testing. The results of the survey will be posted to the website. Members were made aware of the upcoming National Laboratory Workshop hosted by Minnesota in April of 2017.

The final quarterly call was held at the end of January and was attended by 21 participants. Members were encouraged to attend the March AAPCO meeting and the draft agenda for the Laboratory Committee's portion of the meeting was shared with requests for any additional topics desired. A reminder was given to complete the Laboratory Capabilities survey. Sarah Wright of the Association for Public Health Laboratories introduced her organization and the possibility of help that they could provide to Agriculture Laboratories in training, savings with mass instrument purchases and advocating for the labs on Capitol Hill.

### **National Laboratory Workshop**

The next workshop will be hosted by Minnesota at their beautiful laboratory facilities in St. Paul April 3 – 7, 2017. From a total of 17 senior level analytical chemist nominees, they have selected 12 participants from the following states: Alabama, Connecticut, Florida, Hawaii, Indiana, Iowa, Louisiana, New Hampshire, North Carolina, Oklahoma, Vermont and Wisconsin. The topics that attendees will be covering during the workshop include advanced sample preparation techniques, analysis by liquid chromatography with a high resolution accurate mass spectrometer Orbitrap and ISO 17025 requirements for method validation under the American Association for Laboratory Accreditation's flexible scope approach. The course is designed to have hands-on training sessions for these topics. There will also be question and answer sessions throughout the course to provide opportunities for the exchange of experiences and laboratory techniques.

### **Laboratory Committee Chair and Vice-chair**

This is the third year of service as chair of the Laboratory Committee for Michelle Bogner. After the AAPCO meeting, Andrew Randall of New Mexico will be stepping up from vice-chair to chair of the committee for the next three years. Tommy Phillips of Maryland is put forward as the nominee for vice-chair of the committee for the next three years.

**Respectfully submitted,  
Michelle Bogner, Michigan**

**AAPCO LIFE MEMBERSHIP/MEMORIALS COMMITTEE**

**2017**

**RECOMMENDATIONS**

Respectfully submitted by

Life Membership and Memorials Committee

Jim Burnette, Jr., Chair (and still as far as I know, the sole Committee Member!)

February 13, 2017

**LIFE MEMBERSHIP NOMINATION :**

**Charles M. Andrews ( Chuck Andrews). Nominated by George Farnsworth, Assistant  
Director, California Department of Pesticide Regulation**

**See Nomination Below:**



**Department of Pesticide Regulation**

**Edmund G. Brown dr.**

**Governor**

**January 24, 2017**

**Mr. James Burnette**

**North Carolina Department of Agriculture and Consumer Services**

**Structural Pest Control & Pesticides Division**

**1090 Mail Service Center**

**Raleigh, NC 27699-1090**

**Dear Mr. Burnette,**

**It is my pleasure to nominate Mr. Charles M. Andrews (Chuck Andrews) for life membership in the Association of American Pesticide Control Officials (AAPCO).**

**Chuck Andrews received his Bachelor of Science in Agriculture from California State University,**

**Chico in 1979. In 1982, Chuck went to work for the Department of Pesticide Regulation (DPR, formally the Department of Food and Agriculture) as an inspector in the Pesticide Enforcement Branch. From**

**1989 to 1994, he was promoted to various supervisor and manager positions over Headquarters and Regional Office staff where he was responsible for developing and/or implementing investigative techniques and sampling procedures, full use reporting and safety regulations, enforcement guidelines, and managing and coordinating high-level investigations and enforcement actions. In 1994, he was promoted to Chief of the Pesticide Enforcement Branch where he managed the use enforcement, licensing and certification, and product compliance programs, including the EPA cooperative agreement. In 1999**

**, Chuck was assigned as Chief of Worker Health and Safety Branch where he was responsible for managing the Exposure Assessment and Mitigation Programs, Exposure Monitoring Program, and Illness Surveillance Program. In 2007, Chuck managed the Registration Branch. In 2008, Chuck was promoted to Associate Director of DPR's Pesticide Programs Division where he advised the Director on numerous policies, regulations and proposed**



regulatory decisions related to the pesticide regulatory program, and managed fiscal and program functions of several department branches. Chuck retired from state service in 2015 with over 33 years of service in the Pesticide Regulatory Program.

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Mr. James Burnette

January 24; 2017

In addition to his outstanding career with DPR, Chuck Andrews made several contributions to AAPCO in various capacities. Chuck was an active member and leader in AAPCO for over 18 years. He was a collaborator on many regulatory issues (e.g., worker protection, C&T, fumigants, water quality, endangered species, structural use), and instrumental in building strong working relations with members of AAPCO, EPA, and other agencies to best serve the organization. Mr. Andrews served as AAPCO President in 2011-2012, and Board Director prior to, and after, his term as President. Chuck also served as a member of the Pesticide Operations & Management (POM) Committee for two terms from 1996-1999, and a member of AAPCO's Worker Protection Committee from 2001-2014 (Chair from 2006-2014). Chuck addressed many regulatory issues during his Presidency and membership on POM and the Worker Protection Committee, including collaboration with EPA on performance measures; interaction with SLAS on Endangered Species Act implementation between Office of Pesticide Programs and US Fish and Wildlife Services; joint FIFRA and Clean Water Act NPDES permits requirements and guidance; proposed Worker Protection Standards review and comments; activity-based restricted entry intervals guidance (Issue Paper); fumigant labeling requirements; and structural fumigation labeling deficiencies regarding adjoining structures. Chuck advocated for the building and maintaining of a strong EPA/State Lead Agency partnership. Chuck was very knowledgeable of the issues, and was thorough and conscientious in his work. Chuck was well respected by his peers, EPA, and industry. Your consideration of this nomination is greatly appreciated.

Sincerely,



George Farnsworth

Assistant Director

(916) 445-3984

**Contact Information:**

Chuck Andrews

6344 Slug Gulch Road

Somerset, CA 95684

E-mail: [charlesmandrews3@gmail.com](mailto:charlesmandrews3@gmail.com) Phone Number: 916-501-9149 cc: Amy Bamber

**Awards/Recognition:**

1. California Legislature, Assembly Committee on Agriculture Resolution Acknowledgement of Accomplishments, dated July 30, 2015.
2. California Agricultural Commissioners and Sealers Association

Special Recognition of Leadership for Mutual Achievements, dated May 18, 2015

**3. Secretary of the California Environmental Protection Agency Recognition Award for Performance and Contributions, dated December 14, 1992**

**4. Director's Supervisor Performance Award, 1991/92 Fiscal Year, dated July 1992**

#### **Memorial**

**Edwin Leander Johnson, 80, transitioned peacefully Saturday, May 28, 2016 at the home of his daughter and family in Culpeper (VA). Born on December 5, 1935 in Hartford (CT), Edwin was an only child to the late Elizabeth Poppel and Edwin Clifford Johnson. Preferred to be called "Ed", he graduated from New Britain Senior High School in 1953 and attended Yale University where he obtained a Bachelor of Engineering in 1957. Later, he obtained a Master of Science in Public Administration and a Master of Arts in Economics from Harvard University in 1962 and 1964, respectively. Ed served as a commissioned officer (Army) in the Commission Corps of the U.S. Public Health Service, Department of Health, Education and Welfare (1958-61). He joined the Department of Interior as a federal employee in the Federal Water Pollution Control Administration and thereafter, became the Director of Water in the Federal Water Quality Administration. Soon after the formation of the Office of Pesticide Programs within the newly-established U.S. Environmental Protection Agency, Ed elevated from Director of the Registration Division to become the first Office Director for the Office of Pesticide Programs. Before retiring from federal government service, Ed worked as part of the management team for the Office of International Activities. And, not very long afterwards, he became a consultant for Technology Sciences Group where he later was President until his departure in 2010. When not traveling the globe, Ed enjoyed leisure time sailing in his boat at his Maryland residence and taking in cultural and social activities of Washington DC life where he also resided. He loved his family and enjoyed the friendships that he had cultivated thru the years. Ed is survived by his daughter Dee (Joseph) Diesman of Culpeper; four grandchildren: Krystal (Jorge) Vasquez of Jacksonville, NC, Justin Ruger of Culpeper, Hunter Stone of Virginia Beach, VA, and Michael Moore of Culpeper; one great-grandson: Charlie Bolanos of Jacksonville, NC and his best friend Harold (Helen) Burkhardt, several cousins, and dear friends.**



## **AAPCO Workgroup or Liaison Report to Annual Meeting**

Work Group/Liaison Name: WPS Lead Person's Name: Patrick Jones, NC

<b>Last Name</b>	<b>Member</b>	<b>Agency</b>
Booker	Kathy Booker	Tennessee Dept. of Agriculture
Buhl	Kaci Buhl	Oregon State University - NPIC
Burnette	Jim Burnette Jr.	North Carolina Dept. of Agriculture and Consumer Services
Castro	Antonio Castro-Escobar	Michigan Dept. of Agriculture & Rural Development
Cervantes	Perry Cervantes	Texas Dept. of Agriculture
Dierker	Juliana Dierker	Texas Dept. of Agriculture
Farnsworth	George Farnsworth	California Department of Pesticide Regulation Enforcement Branch
Fitz	Nancy Fitz	USEPA
Friend	Kelly Friend	Florida Dept. of Agricultural & Consumer Services
Galloway	Carol Galloway	USEPA Region 7
Hoskins	Dudley Hoskins	NASDA
Jones	Patrick Jones	North Carolina Dept. of Agriculture and Consumer Services
Kasai	Jeanne Kasai	USEPA
Kohler	Russell Kohler	MS Dept. of Ag & Commerce
Ledlow	Michael Ledlow	MS Dept. of Ag & Commerce
Marciano	Donna Marciano	California Department of Pesticide Regulation Enforcement Branch
Peterson	Jack Peterson	Arizona Dept. of Agriculture
Pont	Richard Pont	USEPA
Reed	Leo Reed	Office of the Indiana State Chemist
Rivera	Randy Rivera	Texas Dept. of Agriculture
Ross	Lisa Ross	California Department of Pesticide Regulation Enforcement Branch
Scott	Dave Scott	Office of the Indiana State Chemist
Strickland	Richard Strickland	Tennessee Dept. of Agriculture
Voller	Laura Voller	MS Dept. of Ag & Commerce

Date of Report: 2/13/2017

Issues to be raised for discussion by AAPCO Board or General Session:

None noted.

General summary of work group/liaison activities for the year:

The Worker Protection Committee held five conference calls to discuss the WPS Inspection Guidance. Calls were held on 8/5, 8/12, 8/26, 9/9, and 9/16. Various members were present on the call with mainstays from California, Arizona, Michigan, North Carolina, Florida, Texas, and Indiana. Carol Galloway, Richard Pont, and Nancy Fitz from EPA were also on the calls to help with guidance and interpretation questions.

The Inspection Guidance document is very detailed in the questioning of the agricultural employer, handler, and workers. The document will serve as a valuable resource document for someone who has not conducted WPS inspections, if they are new to the task, and even for experienced inspectors researching certain topics. The document was written with some flexibility in mind for State Inspections, but it is clearly written for inspections done under Federal Authority and while using Federal Credentials.

The Committee did appreciate the flexibility offered in the Guidance and the disclaimers included as follows, “This Inspection Manual is not a regulation and, therefore, does not add, eliminate, or change any existing regulatory requirements. The statements in this document are intended solely as guidance. This document is not intended, nor can it be relied on, to create any rights enforceable by any party in litigation with the United States. EPA, state, and tribal officials may decide to follow the guidance provided in this document, or to act at variance with the guidance, based on analysis of site-specific circumstances. Deviations from this document on the part of any duly authorized official, inspector, or agent shall not be a defense in any enforcement action; nor shall deviation from this manual constitute grounds for rendering the evidence obtained thereby inadmissible in a court of law.”

The final guidance seems to be written more clearly asking the employer, worker or handler if certain items were completed instead of verifying certain responsibilities. Many of the States had concerns that we were spending too much time verifying compliance with the requirements instead of documenting violations. Also, many of the redundant questions were removed from the final guidance document.

The AAPCO WPS Committee appreciates the opportunity to review to WPS Inspection Guidance and offer suggestions for a clearer understanding of the requirements.



## Pesticide Regulatory Education Program (PREP) Summary Report AAPCO Board Meeting - March 2017

Carol Black & Wendy Sue Wheeler, Washington State University  
Dea Zimmerman, US EPA OPP Field & External Affairs Division  
EPA Agreement #83578901 for 11/01/2014 - 10/31/2019

### General Summary

- PREP email list ([prep.wsu.edu](mailto:prep.wsu.edu)) was updated in January 2017; send any updates to [prep.sla@wsu.edu](mailto:prep.sla@wsu.edu)
- PREP web site has course schedule, email nomination dates, and participant selection dates
- PREP Archive catalogs all reports, agendas, participant lists, handouts, and presentation PDFs
- Planning group members are noted on each PREP Course web page
- Four courses were developed/held in 2016 (*reports submitted to EPA; posted to PREP Archive*)
  - A total of 108 state, tribe, and territory managers and staff participated; mean = 27
  - Some states prohibited travel to North Carolina for the Compliance and Enforcement PREP, requiring cancellation of their attendees; impacted were MN, NY, WA, Yakama Tribe
  - Special invited participants (*paid their own expenses*)
    - PERC – Worker Protection Implementation – to support the work of the Pesticide Education Resources Collaborative
    - USDA - APHIS – Comprehensive Combo attendee – to experience PREP Course format as they develop their own professional development opportunities
- WSU anticipates offering training to 108 participants in 2017; 36 at Pesticide Applicator Certification PREP and 24 at the other three PREP courses. Weighted participation heavy for Pesticide Applicator Certification PREP (35 states; 1 tribe); all other courses we anticipate 24 participants

### Noteworthy for FY2016:

- All PREPs were four days
- Agreement allocation was \$507,000, which was \$28,000 below anticipated
  - The \$28,000 shortfall allocation was \$20,000 for tribes and \$8,000 for states and territories
- EPA did not have travel support for its Project Officer to participate in the June Worker Protection Standard Implementation PREP Course
- PREP Archive launched: presentations, participant lists, reports, agendas
- Combined Compliance & Enforcement PREP and Worker Protection PIRT
- Hosted two webinars on Worker Protection Standard

### Areas for WSU Improvement

- Delay in travel reimbursement for PMEI course – two travel specialist vacancies
- PREP Web Site: posting presentations prior to the course when possible

### PREP Measures

- How well the PREP Courses met
  - Course goal
  - Learning objectives
  - Community building/networking

- Outputs
  - Increased number of state, tribe, and territory FIFRA regulators trained individuals in core FIFRA programmatic and compliance/enforcement activities, new science and regulatory issues pertaining to pesticides
  - Level of impact the training provided them and their agency to improve efficiencies.
  - Level of success over the course of the five years for building life-long connections of networks and a collaborative community.
- Success of providing those who actively participated
  - eLearning Services (e.g., webinars, online curricula)
  - PREP Archive

### 2016 PREP Season Participation Summary

Courses	State or Territory SLA or Special Invite Attendee	Tribe Attendee	SLA, Tribe Speakers Entire Course	EPA Regions & Headquarters Entire Course	EPA Regions & Headquarters Partial Course	Other Invited Speakers	Total
<b>Compliance and Enforcement, 4-day, Asheville, NC</b>	24	1	2	2	11	2	<b>42</b>
<b>Worker Protection Implementation, 4-day, Fort Myers, FL</b>	34*	0	0	4	0	2**	<b>40</b>
<b>Comprehensive Combo, 4-day, Santa Fe, NM</b>	24	1	1	8***	0	3	<b>37</b>
<b>Pesticide Management &amp; Emerging Issues, 4-day, Indianapolis, IN</b>	26	2	0	0	5	13	<b>46</b>
<b>Total PREP Participants</b>	<b>108</b>	<b>4</b>	<b>3</b>	<b>14</b>	<b>16</b>	<b>20</b>	<b>165</b>

\* Four university pesticide safety education specialists attended entire course by nomination/selection;

\*\* Two Pesticide Education Resources Collaborative (PERC) staff attended (at their own expense)

\*\*\* USDA attended course (at their own expense) to evaluate applicability for their professional development

- 14 EPA managers and staff presented and/or participated at 2016 PREP Courses
- Mean number of state, territory, and tribe participants: 28 per course

### 2016 Evaluation Summary

Course Name	Compliance & Enforcement	Worker Protection	Comprehensive Combo	Pesticide Management & Emerging Issues
First time participants	14%	44%	30%	26%
Evaluation Responses (N=)	22	27	20	19
<b>Met PREP Course goal</b>				
Already informed, but worth time				11%
Very Well	51%	91%	75%	78%
Moderately Well	33%	9%	25%	11%
Slightly	16%			
<b>Positively impacted me; beneficial to my job</b>				
Completely Agree	95%	93%	80%	89%
Somewhat Agree	5%	7%	20%	11%
Neutral				
<b>Good quality – Met my expectation</b>				
Completely Agree	86%	89%	95%	100%

Somewhat Agree	14%	11%	5%	0%
Neutral				

Course Name	Compliance & Enforcement	Worker Protection	Comprehensive Combo	Pesticide Management & Emerging Issues
<b>Met target audience</b>				
Completely Agree	82%	82%	95%	89%
Somewhat Agree	18%	11%	5%	11%
Neutral		7%		
<b>Was relevant to my responsibilities</b>				
Completely Agree	82%	93%	90%	89%
Somewhat Agree	18%	7%	10%	11%
Neutral		4%		
<b>Stimulated my learning</b>				
Completely Agree	64%	81%	85%	84%
Somewhat Agree	36%	19%	15%	16%
Neutral				

**Compliance and Enforcement PREP** goal was to increase understanding of compliance and enforcement issues to strengthen capacity for developing and maintaining strong pesticide programs. Top three topics: Participant Presentations, Joint PREP/PIRT Sessions, Complex WPS Issues

**Worker Protection Standard Implementation PREP** goal was to increase understanding the revised WPS requirements in order to facilitate communication to the regulated and protected communities. Top three topics: Drift Mitigation and the Application Exclusion Zone, Pesticide Safety Training Criteria for Handlers and Workers, Closing Discussion on Implementation Needs

**Comprehensive Combo PREP** goal was to provide information and skills necessary to enhance capacity to implement pesticide regulatory programs. Top three topics: Building Trust and Social Capital in Your Agency; Organizational Psychology, Resilience, and Leadership; FIFRA Cooperative Agreement Guidance, Work Plan and Template Process

**Pesticide Management & Emerging Issues PREP** goal was to provide a better understanding of emerging issues that affect the pesticide programs and providing you information to address those impacts. Top four topics: You Get What You Measure, Cannabis and Pesticides, Resistance Management, Field Trip (tied with resistance)

**PREP Steering Committee for 2017 Courses – establish draft goal and target audience**

- Chuck Moses, Committee Chair, Nevada Department of Agriculture
- Kathy Booker, Tennessee Department of Agriculture
- Tony Cofer, Alabama Department of Agriculture
- Fred Corey, Tribal Pesticide Program Council (TPPC)
- Tim Creger, Nebraska Department of Agriculture
- Shirley Fan, PIRT Liaison
- Dennis Howard, Maryland Department of Agriculture
- Rose Kachadoorian, Oregon Department of Agriculture
- Bonnie Rabe, New Mexico Department of Agriculture
- George Saxton, Office of Indiana State Chemist/ASPCRO

- Liz Vizard, EPA OC
- Melanie Wood, EPA Region 8
- Lance Wormell, EPA OPP
- PREP Coordination Group
  - Dea Zimmerman, EPA OPP FEAD
  - Carol Black, Washington State University
  - Wendy Sue Wheeler, Washington State University
  - Ashley Hayes (resigned November 2016)

## 2017 Schedule for PREP Courses

### Pesticide Applicator Certification – Baltimore, Maryland – April 4-6

- **Audience:** Experienced or new **certification specialists** and **pesticide program managers** who are familiar with and work with the certification plans. Participants will be selected from a diverse range of certification program sizes/styles and extent of regulatory impact due to the revisions.
- **Goal:** Participants should come away with a working understanding of the Certification of Pesticide Applicators (40 CFR Part 171) rule revisions and what the changes mean for states, territories, tribes, and the regulated community to ensure requirements are successfully implemented.
  - Laurie Brajkovich, CA
  - Linda Boccuzzo, VT
  - Kimberly Bingham, EPA R4
  - Tim Creger, NE
  - Nancy Fitz, Kevin Keaney, Richard Pont, Carolyn Schroeder, EPA FEAD
  - Dale Scott, TX
  - Andrew Thostenson, NDSU
  - Administration
    - Carol Black, WSU
    - Wendy Sue Wheeler, WSU
    - Dea Zimmerman, EPA FEAD

### Water Quality – St. Paul, Minnesota – May 16-19

- **Audience:** New and experienced **water quality specialists** and **pesticide program managers** with responsibility for water quality activities. The participant distribution target is approximately two-thirds new and early career specialist/managers and one-third experienced/senior specialist/managers.
- **Goal:** Enhance participant’s capacity for managing state and federal water quality programs by exploring both technical and policy aspects of protecting surface and groundwater, as well as supporting work on current SFIREG Environmental Quality Initiatives priorities.
  - Bill VanRyswyk, MN
  - John Allran, NC
  - Gary Bahr, WA
  - Jeff Comstock, VT
  - Mark Corbin, EPA OPP EFED
  - Kristen Lashley-Spann, AL
  - Gretchen Paluch, IA
  - Emily Ryan, EPA OPP FEAD
  - Patti TenBrook, EPA R9
  - Bruce Wilkinson, EPA R5
  - Lance Wormell, EPA OPP FEAD
  - Administration
    - Carol Black, WSU
    - Wendy Sue Wheeler, WSU
    - Dea Zimmerman, EPA FEAD

### Public Health – Seattle, Washington July 17-20

- **Audience - draft:** New and experienced program supervisors or managers and senior staff that deal with public health issues as an element of their job.
- **Goal - draft:** To increase understanding of various risks of public health from vector-borne diseases (e.g., Zika, West Nile Virus), significant public health pests (rats, mice, cockroaches), and pesticide exposures due to the misuse of pesticides to control pests (e.g., bed bugs,

rodents); including how best to partner with all the involved regulatory agencies; and how to effectively communicate to the public the benefits of pesticide use in controlling pests.

- Don Baumgartner, EPA R5
- Kelly Friend, FL
- Alberto Isiordia, WA
- Susan Jennings, EPA OPP
- Mike Kelly, TX
- Derrick Lastinger, GA
- Liza Fleeson Trossbach, VA
- Administration
  - Carol Black, WSU
  - Wendy Sue Wheeler, WSU
  - Dea Zimmerman, EPA FEAD



**Laboratory Issues** – Denver, Colorado – October 23-26

- **Audience - draft:** Laboratory directors or senior analysts.
- **Goal - draft:** Share knowledge, expertise, and processes to enhance capacity to manage a modern pesticide laboratory, and discuss collaborative strategies for when incidents overwhelm a single laboratory.

**Historical Participation of PREP Courses by State, Tribes, Territories & EPA**

**C&E** – Compliance & Enforcement

**PMEI** - Pesticide Management & Emerging Issues

**Combo** – Comprehensive Combo

**Reg** - Pesticide Registration & Re-Evaluation

**Lab** - Laboratory Issues

**WPS** - Worker Protection Standard

**MP3** - Pollinator Protection & Pesticide Management

States and Territories	2015				2016			
	Lab	MP3	Reg	WPS	C&E	WPS	Combo	PMEI
Alabama Dept. of Agric. & Industries	Lab				C&E		Combo	
Alaska Dept. of Environmental Conservation						WPS	Combo	
American Samoa EPA								
Arizona Dept. of Agric.		MP3		WPS	C&E	WPS	Combo	PMEI
Arkansas State Plant Board			Reg			WPS	Combo	
California Dept. of Pesticide Regulation	Lab	MP3	Reg	WPS		WPS		
Colorado Dept. of Agric.	Lab	MP3	Reg	WPS				PMEI
Commonwealth of the Northern Marianas	Lab							
Connecticut Dept. of Environmental Protection								
Delaware Dept. of Agric.				WPS	C&E			
District Dept. of the Environment							Combo	
Florida Dept. of Agric. & Consumer Services	Lab	MP3	Reg	WPS		WPS	Combo	PMEI
Georgia Dept. of Agric.	Lab	MP3		WPS	C&E	WPS		
Guam Environmental Protection Agency							Combo	
Hawaii Dept. of Agric.	Lab	MP3	Reg	WPS	C&E		Combo	PMEI
Idaho Dept. of Agric.	Lab			WPS	C&E			
Illinois Dept. of Agric.						WPS		
Illinois Dept. of Public Health								
Indiana State Chemist Office	Lab		Reg		C&E	WPS	Combo	PMEI
Iowa Dept. of Agric.	Lab	MP3		WPS				PMEI
Kansas Dept. of Agric.			Reg					
Kentucky Dept. of Agric.				WPS	C&E		Combo	
Louisiana Dept. of Agric. & Forestry	Lab			WPS				PMEI
Maine Dept. of Agric.		MP3	Reg		C&E	WPS	Combo	PMEI
Maryland Dept. of Agric.		MP3				WPS		
Massachusetts Dept. of Agricultural Resources			Reg	WPS	C&E			PMEI
Michigan Dept. of Agric. & Rural Dev.	Lab	MP3		WPS	C&E			PMEI
Minnesota State Dept. of Agric.			Reg	WPS		WPS	Combo	PMEI
Mississippi Dept. of Agric. & Commerce	Lab	MP3		WPS	C&E	WPS	Combo	
Missouri Dept. of Agric.				WPS				PMEI
Montana Dept. of Agric.	Lab	MP3	Reg			WPS		

States and Territories	2015				2016			
	Lab	MP3	Reg	WPS	C&E	WPS	Combo	PMEI
North Carolina Dept. of Agric. & Consumer Services	Lab	MP3		WPS	C&E	WPS	Combo	PMEI
North Dakota Dept. of Agric.		MP3		WPS		WPS		
Nebraska Dept. of Agric.			Reg	WPS				PMEI
New Hampshire Dept. of Agric., Markets & Food	Lab							

New Jersey Dept. of Environmental Prot.				WPS		WPS	Combo	
New Mexico Dept. of Agric.	Lab	MP3	Reg	WPS	C&E	WPS	Combo	PMEI
Nevada Dept. of Agric.	Lab							
New York Dept. of Environ. Conservation								
Ohio Dept. of Agric.				WPS	C&E			PMEI
Oklahoma Dept. of Agric., Food & Forestry	Lab	MP3	Reg		C & E	WPS		
Oregon Dept. of Agric.	Lab	MP3	Reg		C&E	WPS	Combo	PMEI
Pennsylvania Dept. of Agric.	Lab	MP3			C&E	WPS		
Puerto Rico Dept. of Agric.				WPS		WPS		
Rhode Island Dept. of Environmental Mgmt.								
South Carolina Dept. of Pesticide Regulation					C&E	WPS		
South Dakota Dept. of Agric.		MP3	Reg					
Tennessee Dept. of Agric.	Lab		Reg	WPS	C&E			
Texas Commission on Environmental Quality								
Texas Dept. of Agric.		MP3	Reg	WPS			Combo	PMEI
Utah State Agricultural Dept.			Reg	WPS	C&E			
Vermont Agency of Agric., Food & Markets		MP3	Reg			WPS	Combo	PMEI
Virgin Island Dept. of Planning & Natural Resources								
Virginia Dept. of Agric. & Consumer Services		MP3	Reg	WPS	C & E		Combo	PMEI
Washington Dept. of Agric.		MP3	Reg	WPS		WPS	Combo	PMEI
West Virginia Dept. of Agric.								
Wisconsin Dept. of Agric., Trade & Consumer Protection		MP3	Reg	WPS	C&E	WPS	Combo	PMEI
Wyoming Dept. of Agric.	Lab	MP3				WPS		

TRIBES	2015			2016				
Ak-Chin Indian Community				WPS			Combo	
Cocopah Indian Tribe				WPS				
Colorado River Indian Tribes								PMEI
Gila River Indian Community				WPS	C&E			PMEI
Inter Tribal Council of Arizona, Inc.				WPS				
Navajo Nation		MP3						
Three Affiliated Tribes		MP3						
Winnebago/Omaha Tribes		MP3						

**PREP Website:** <http://prep.cw.wsu.edu/>

**WSU PREP Email:** [prep.sla@wsu.edu](mailto:prep.sla@wsu.edu)

**WSU Staff:** Carol Black, Wendy Sue Wheeler, Becky Maguire, Carrie Foss, Event Coordinator  
(vacant)

**EPA Project Officer:** Dea Zimmerman, [zimmerman.dea@epa.gov](mailto:zimmerman.dea@epa.gov)

## AAPCO Workgroup or Liasion Report to Annual Meeting

Work Group/Liaison Name: C&T Rule Work Group

Lead Person's Name: Tim Creger

Members: Bonnie Rabe (NM), Dave Scott (IN), Derrick Lastinger (GA), George Robinson (ID), Gretchen Paluch (IA), Jack Peterson (AZ), Joel Kangiser (WA), Laurie Brojkovich (CA), Leo Reed (IN), Linda Boccuzzo (VT), Linda White (OR), Lindsey Moses (WA), Liza Fleeson (VA), Marjorie Lewis (NM), Megan Cambridge (CA), Robin Schoen-Nessa (WA) and Tamara James (FL)

Date of Report: February 10, 2016

Issues to be raised for discussion by AAPCO Board or General Session:

The AAPCO C&T Rule Work Group was assembled in early September, 2015, and concluded operations in late 2016, once the final rule was published. At the time of this report, the final rule implementation date has been moved to March 21<sup>st</sup>, with the new administration studying it for further action.

It should be noted that the involvement by work group committee members resulted in a favorable outcome in the final rule, with many serious concerns addressed and revised by EPA. It is not known for certain, but a recent poll of the states indicates approximately one third will need to revise their state laws, while a large majority will need to revise regulations in order to comply with the final rule.

Respectfully Submitted,  
Tim Creger, Chair

## Website Report

Amy Bamber, AAPCO Executive Secretary  
Business Meeting  
March 7, 2017

The new website was developed in a WordPress.com environment, and went live September 8, 2015. The website costs \$299 a year to maintain.

### 2016 Website Views/Visitors per Month

Month	Views	Visitors	Month	Views	Visitors
January	4646	974	July	3202	911
February	4790	1117	August	4587	1065
March	6005	1240	September	4730	1138
April	3872	1009	October	3832	1024
May	3908	990	November	3594	938
June	3953	1091	December	3641	945

2016 Average Views per Day ranged from 103 to 194.

### Most Viewed Pages

Here is a breakdown of the various pages and the number of views, i.e. what is most popular and/or useful to our audience:

	<u>2015</u>	<u>2016</u>
Home page / Archives	2,472	14,859
AAPCO	1,789	4,226
Control Officials	1,245	8,148
SFIREG	481	3,333
Working Committees	227	1,478
Current Topics	213	
Calendar of Events	181	874
AAPCO Officers and Directors	120	511
Full SFIREG Committee Members	107	587
Partner Resources	89	
Pollinator Protection		732
Texas Control Officials		515

## Referrers

How are people finding us, outside of directly going to aapco.org?

search engines	8,324
epa.gov	3,862
aapse.ext.vt.edu	111
seo-2-0.com	65
aspcro.org	36
ldaf.state.la.us	36
nasda.org	35
android-app	33
cipac.org	32
npmapestworld.org	31

## 2016 Geography of Views

We had views from 106 countries during 2016. The top viewing countries are listed below:

US	47,354
Canada	594
India	585
Spain	309
Brazil	307
Italy	68
China	67
UK	66
PR	60
Peru	57
Malaysia	57
Russia	50
Phillipines	50

Goals for the website in the upcoming year include continued reformatting and uploading of previous meeting minutes, documents, life members and past presidents.

I will continue building the Laboratory page, the Cannabis page, and continued editing of the other pages found on the homepage.

I will work with EPA on the Calendar of Events, as it has not been updated for 2017, but is considered useful to our constituents based on page views.

Respectfully Submitted,

A handwritten signature in cursive script that reads "Amy Bamber". The signature is written in black ink and is positioned below the text "Respectfully Submitted,".

## AAPCO Standing Committee Report to Annual Meeting

**Standing Committee:** Nominations Committee

**Committee Members (beginning with the chair):**

Jeff Comstock (VT), Tim Drake (SC) & Charles Moses (NV)

**Date of Report:** February 13, 2017

**Issues to be raise for discussion by AAPCO Board or General Session:**

Election of slate of candidates for officers and directors for 2017

**General Summary of committee or work group activities for the year:**

On October 25, 2016, the AAPCO Secretary, on behalf of the Nominations Committee, sent an email to the AAPCO membership soliciting potential candidates for two Board of Directors positions. Specifically, a Full Term Director position and an At-Large Director position. A reminder notice was sent on December 7<sup>th</sup> and the nomination period closed on December 16, 2016. The Nominations Committee consists of the last three past-presidents of AAPCO who are available and willing to serve and was represented this year by Jeff Comstock (Vermont), Tim Drake (South Carolina) and Charles Moses (Nevada). The committee received five (5) candidate nominations for consideration. On January 24 and February 6, 2017, the Committee held conference calls to discuss the slate of candidates for election as officers and directors, including the nominated candidates who were interested in the Full Term and At-Large positions.

After deliberation, the Nominations Committee is pleased to present to the AAPCO membership the following slate of candidates for election as officers and directors for the term of March 2017 to March 2018:

Bonnie Rabe (New Mexico), President  
Tony Cofer (Alabama), President-Elect  
Rose Kachadoorian (Oregon), Director  
Leo Reed (Indiana), Director  
Kathy Booker (Tennessee), Director At-Large  
Patrick Jones (North Carolina), Director At-Large  
Dennis Howard (Maryland), Immediate Past-President

Respectively Submitted,

Jeff Comstock  
Tim Drake  
Charles Moses