

2013 Pesticide Applicator Certification and Training Workshop
Grounded in the Past, Reaching for the Future Together
August 5 – 8, 2013, St. Paul, Minnesota

Sunday, August 4

1:15 pm – 6:00 pm <i>Lower Level - State I</i>	AAPSE Board Meeting – All AAPSE members are welcome to observe
6:00 pm – 8:00 pm <i>Lower Level – Minnesota Ballroom</i>	Early-bird Registration: Workshop / Field Trip

Monday, August 5

7:30 am <i>Bus Loading from Hotel Lobby</i>	University of Minnesota Arboretum Tour + Mississippi River: pesticides & water quality; black fly control
7:45 am <i>Bus Loading from Hotel Lobby</i>	Winfield Research Lab Tour + Mississippi River: pesticides & water quality; black fly control
4:45 pm	Tour busses return to hotel
4:00 pm – 7:00 pm <i>Lower Level – Minnesota Ballroom</i>	Registration & Exhibitor Set Up
5:45 pm – 7:30 pm <i>Windows on the River, 22nd Floor</i>	AAPSE Reception Reception is a meet and greet open to everyone attending PACT 2013 and includes appetizers and a cash bar.

A thank you to the session moderators:

Michelle Arling
Candace Bartholomew
Carol Black
Barry Brennan
Betsy Buffington
Mary Kay Ferguson
Pierce Hansen
Gary Fish
Fred Fishel
Cindy Folck
Ron Gardner

Laurie Gordon
Sharon Gripp
Tana Haugen-Brown
Linda Johns
Rachel Maccini
Sandra McDonald
Clyde Ogg
Jack Peterson
Richard Pont
Kim Pope
Marty Pousson

Leo Reed
Don Renchie
Joe Spitzmueller
Ples Spradley
John Stone
Sherm Takatori
Margaret Tucker
Thia Walker
Mike Weaver
Dan Wixted

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Tuesday, August 6

6:45 – 8:15 <i>Minnesota East</i>	Breakfast Scrambled Eggs with Cream Cheese, Bacon, Bagels with Peanut Butter, Butter and Cream Cheese		
7:00 – 8:15 <i>Capitol Room</i>	Pre-Workshop Orientation <ul style="list-style-type: none"> • For people new to certification and training; old guard welcome too. 		
8:30 – 8:50 <i>Minnesota East</i>	PACT 2013 Welcome <ul style="list-style-type: none"> • Bev Durgan, Dean, University of Minnesota Extension • Dave Fredrickson, Commissioner, Minnesota Department of Agriculture 		
8:50 – 9:40	Participant Introductions		
9:40 – 10:00	PACT 2013 Vision: Grounded in the Past, Reaching for the Future Together <ul style="list-style-type: none"> • Andrew Thostenson, AAPSE President, North Dakota State University 		
10:00 – 10:10	<i>BREAK – Coffee and Pop only</i>		
10:10 – 11:00	EPA Update <ul style="list-style-type: none"> • Jim Jones, EPA Acting Assistant Administrator • Kevin Keaney, Chief, Certification and Worker Protection Branch 		
11:00 – 12:00	Audience Engagement <ul style="list-style-type: none"> • Joel Ebarb, Purdue University 		
12:00 – 1:00 <i>Minnesota East</i>	Lunch Plated Grilled Chicken Breast Sandwich with Lettuce, Tomato, Onion, Ketchup, Mustard and Mayo; Potato Wedges; Fruit		
1:00 – 1:50	Creating Educational Media that Doesn't Stink <ul style="list-style-type: none"> • Barbara Chamberlin, New Mexico State University 		
1:50 – 2:00	<i>BREAK – Coffee and Pop only</i>		
<i>Rooms</i>	<i>A. Minnesota West</i>	<i>B. Capitol</i>	<i>C. Governor's I & V</i>
2:00 – 3:00	2A. Research in PPE Garments and Gloves <ul style="list-style-type: none"> • Anugrah Shaw, University Maryland Eastern Shore • Carol Black, Washington State University 	2B. Audience Engagement: Practices <ul style="list-style-type: none"> • Joel Ebarb, Purdue University 	2C. Success in Engaging CES and Industry for Exam and Manual Development <ul style="list-style-type: none"> • Mark Lohafer, Iowa Dept. of Agriculture • John Stone, Michigan State University • Laurie Gordon, Oregon Dept. of Agriculture
3:00 – 3:30	<i>BREAK – Coffee and Pop only</i>		
3:30 – 5:00	3A. Developing Smartphone & Tablet Apps <ul style="list-style-type: none"> • Barb Chamberlin, New Mexico State University 	3B. Lessons Learned from Implementing Exam Development Principles: Successes & Obstacles <ul style="list-style-type: none"> • Dan Wixted, Cornell University • Andrew Martin, Purdue University 	3C. JPSE Articles <ul style="list-style-type: none"> • Barry Brennan, Univ. of Hawaii • Kaci Buhl, National Pesticide Information Center • Wayne Buhler, North Carolina State Univ. • Fred Fishel, University of Florida
5:00	Adjourn		

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Wednesday, August 7

7:00 – 8:30 <i>Minnesota East</i>	Breakfast Oatmeal with Toppings, Selection of Cold Cereal with Milk, Hard Boiled Eggs		
7:30 - 8:30 <i>Capitol</i>	AAPSE Business Meeting Open to all AAPSE members. Members can bring up issues for discussion and consideration at this meeting. <i>Note: Bring breakfast with you</i>		
	<i>A. Minnesota West</i>	<i>B. Capitol</i>	<i>C. Governor's I & V</i>
8:45 – 9:45	4A. Modernizing Exam Administration Process through (mostly) Internal Resources <ul style="list-style-type: none"> Tamara James, Florida Dept. of Agriculture and Consumer Services Scott McDonald, Wyoming Dept. of Agriculture 	4B. PPE Labeling Language <ul style="list-style-type: none"> Dean Herzfeld, Univ. of Minnesota Jack Peterson, Arizona Dept. of Agriculture Richard Pont, US EPA 	4C. Alternate Media for Delivering Initial Training <ul style="list-style-type: none"> Betsy Buffington, Iowa State University Fred Fishel, Univ. of Florida Clyde Ogg, Univ. of Nebraska Lincoln
9:45 – 9:55	<i>BREAK – Coffee and Pop only</i>		
9:55 – 10:55	5A. Case Studies - How Technology Has Reduced Costs and Improved Customer Service <ul style="list-style-type: none"> Chris Abdelmalek, Contractor for Pennsylvania Dept. of Agriculture Bonnie Rabe, New Mexico Dept. of Agriculture Brian Rowe, Michigan Dept. of Agriculture 	5B. Online Training Platforms <ul style="list-style-type: none"> Ron Gardner, Cornell University Rachel Maccini, Univ. of New Hampshire Don Renchie, Texas A&M University Faye Cragin, Univ. of New Hampshire 	5C. How to Access Remote Speakers at Live Training – Experience It! <ul style="list-style-type: none"> Carrie Foss, Washington State University Sandra McDonald, Mountain West PEST Buyung Hadi, South Dakota State University Andrew Thostenson, North Dakota State Univ.
10:55 – 11:15	<i>BREAK – Coffee and Pop only</i>		
11:15 – 12:15	6A. Round Robin: New Generation Social Media	6B. Round Robin: Fostering Collaboration on Learning Objectives to Develop Training and Conduct Evaluations	6C. Round Robin: Americans with Disability Act Implications to Testing and Training
12:15 – 1:15 <i>Minnesota East</i>	Lunch Traditional Caesar Salad, Beef Lasagna, Breadsticks, Tiramisu		

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	<i>A. Minnesota West</i>	<i>B. Capitol</i>	<i>C. Governor's I & V</i>
1:15 – 2:15	7A. Writing Quality Audience Response Questions for Useful Evaluation <ul style="list-style-type: none"> Amy Brown, University of Maryland 	7B. Exam Security Panel <ul style="list-style-type: none"> Margaret Tucker, Washington State Dept. of Agriculture Mike Murray, Wisconsin Dept. of Agriculture, Trade & Consumer Protection Melissa Bushdiecker, Missouri Dept. of Agriculture 	7C. How EPA Does & Uses Risk Assessments for Applicator Protection <ul style="list-style-type: none"> Jeff Dawson, US EPA Health Effects Division
2:15 – 2:25	<i>BREAK – Coffee and Pop only</i>		
2:25 – 3:35	8A. Making Engaging, Interactive Live Presentations to Applicators <ul style="list-style-type: none"> Fred Whitford, Purdue University 	8B. Beyond the Label: What are Best Management Practices and Why Should We Adopt Them? <ul style="list-style-type: none"> Joe Zachmann, Minnesota Dept. of Agriculture 	8C. Pesticide Labeling and Safety Data Sheets <ul style="list-style-type: none"> Pat Hipkins, Virginia Tech University Kristen Hendricks, US EPA Don Renchie, Texas A&M University
3:35 – 3:55	<i>BREAK – Coffee and Pop only</i>		
3:55 – 5:00	9A. Beyond Content: Improving the Educational Value of Printed C&T Materials <ul style="list-style-type: none"> Dean Herzfeld, Univ. of Minnesota Shannah Whithaus, Univ. of California Davis 	9B. Train-the-Trainer: Pollinator Protection: What the Applicator Needs to Know <ul style="list-style-type: none"> Marla Spivak, University of Minnesota Bee Lab 	9C. Strategizing Critical PSEP Funding <ul style="list-style-type: none"> Andrew Thostenson, North Dakota State Univ. Carol Black, Washington State University Liza Fleeson, Virginia Dept. of Agriculture and Consumer Services Chuck Moses, Nevada Dept. of Agriculture
5:00	Adjourn		
6:00	Social & Dinner at the Science Museum of Minnesota 120 Kellogg Blvd W. <i>3 blocks west from hotel on Kellogg. Contact registration if transportation is needed.</i>		

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Thursday, August 8

6:45 – 7:45 <i>Minnesota East</i>	Breakfast Scrambled Eggs with Onion and Diced Peppers, Sausage, Assorted Pastries		
	<i>A. Minnesota West</i>	<i>B. Capitol</i>	<i>C. Governor's I & V</i>
8:00 – 9:00	10A. Spray Drift and Sprayer Calibration <ul style="list-style-type: none"> Rex Guthland, Hypro Global Spray Systems George Hamilton, University of New Hampshire 	10B. C&T Manuals: Structure, Framework, Syllabi – from Learning Objectives to Manuals <ul style="list-style-type: none"> Drew Martin, Purdue University 	10C. Training for New Herbicide Technologies <ul style="list-style-type: none"> Susan Curvey, Monsanto Joanne Kick-Raack, Emeritus The Ohio State University
9:00 – 9:10	<i>BREAK – Coffee and Pop only</i>		
9:10 – 10:10	11A. Sticky Note Discussions	11B. Sticky Note Discussions	11C. Sticky Note Discussions
10:10 – 10:30	<i>BREAK – Coffee and Pop only</i>		
10:30 – 11:30	12A. Train-the-Trainer: Addressing Pesticide Education Blindspots on Toxicity and Human Health <ul style="list-style-type: none"> Amy Brown, Univ. of Maryland 	12B. Adapting Hands-on Training for Larger Audiences <ul style="list-style-type: none"> Ofelio Borges, WA Dept. of Agriculture 	12C. Modernizing Exam Administration Process through a Commercial Resource <ul style="list-style-type: none"> Andrew Beck, Pennsylvania Dept. of Agriculture Steve Blunt, Colorado Dept. of Agriculture
11:30 – 11:40	<i>BREAK – Coffee and Pop only</i>		
11:40 – 12:40	13A. The Clean Machine – a Glimpse at 'Real World' Sprayer Cleanout Practices <ul style="list-style-type: none"> Thia Walker, Colorado State University Ples Spradley, Univ. of Arkansas 	13B. Train-the-Trainer: The Forgotten Art of Mixing and Measuring <ul style="list-style-type: none"> Fred Whitford, Purdue Univ. Pat Hipkins, Virginia Tech 	13C. Using Case Studies in Training Programs <ul style="list-style-type: none"> Dean Herzfeld, Univ. of Minnesota Kay Sargent, Univ. of Minnesota Richard Pont, US EPA
12:45 – 2:00 <i>Minnesota East</i>	Closing Luncheon Turkey, Roast Beef, Ham or Vegetarian Sandwich, Fresh Fruit, Kettle Chips, Cookie		
	AAPSE Awards Ceremony and EPA and NASDARF Recognitions		
	Adjourn		
2:00 – 4:00	AAPSE Northeast Regional Meeting AAPSE North Central Regional Meeting		