

JOINT CONFERENCE & EXPOSITION

Hosted by

MISSOURI PEST MANAGEMENT ASSOCIATION *and*
KANSAS PEST CONTROL ASSOCIATION

DECEMBER 4-6, 2024

Stoney Creek Hotel
18011 Bass Pro Drive
Independence, MO 64055

Attendee Registration

SESSION TOPICS

ACE TRAINING

AI, IoT and Innovation in Pest Management
Pest Control Laws for Missouri and Kansas

PANEL DISCUSSION: Updates and Rules

FlyQ - Insect Light Trap Selection, Placement, and Innovation

Rodent Guest Management 3.0

Cockroaches, Termites, Ants, Safety and WDI



Wednesday, December 4, 2024

- 10:00 am Registration Opens
- 10:00 - 1:00 pm *Exhibitor Setup*
- 10:00 - 2:00 pm **ACE TRAINING**
Jeffery Preece, BCE, PHE, ZipZap Termite & Pest Control
- 2:00 pm **ACE TESTING**
- 1:00 - 1:45 pm **Artificial Intelligence (AI), Internet of Things (IoT), and Innovation in Pest Management**
An enlightening educational event to unveil the impact of innovation on pest management through artificial intelligence (AI) and the Internet of Things (IoT). After an overview of the current challenges in traditional pest management, advanced technologies are explored that are transforming pest management professionals. A discovery of how to leverage AI and IoT for smarter, more efficient pest control solutions.
Dr. Stuart (Doc) Mitchell, PestWest USA
- 1:45 - 2:30 pm **Completing Paperwork to Mitigate Legal Risk**
This talk focuses on the critical importance of documentation for pest management professionals (PMPs) to mitigate legal risks. It outlines the necessity for comprehensive record-keeping, detailing recommendations, client interactions, and adherence to integrated pest management (IPM) practices. The session will cover best practices for creating, maintaining, and utilizing documentation to protect both the PMP and the client, emphasizing the legal implications of warranties and guarantees.
Dr. Stuart (Doc) Mitchell, PestWest USA
- 2:30 - 2:45 pm Break
- 2:45 - 3:45 pm **What NPMA Has For You**
Because of the joint state partnership, pest control companies that are members of MPMA or KPCA are also members of the National Pest Management Association (NPMA). There are countless benefits available to NPMA members and ways NPMA leads the industry. This session will cover exclusive resources, industry updates, and professional development opportunities designed to help you, your employees, and your business grow. Don't miss out on leveraging these valuable tools to boost your success.
Allison Allen, BCE, VP Membership & Certification, National Pest Management Association
- 3:45 pm **PANEL DISCUSSION: UPDATES and RULES**
Allison Allen, BCE, VP Membership & Certification, National Pest Management Association; Shawn Hackett, FIFRA Project Officer for Missouri, EPA; Emily Groner, Certification Coordinator, Missouri Department of Agriculture
- 5:30 pm MPMA and KPCA Board Meetings
- 5:30 - 6:30 pm *Reception with Exhibitors*

Thursday, December 5, 2024

- 7:00 am Registration Opens
- 7:00 - 8:00 am *Breakfast with Exhibitors (included with Thursday registration)*
- 8:00 - 9:00 am **Formidable Formicidae (Ants!)**
Every year ants crawl around the top of the list of most common pests. Great ant management depends on knowing the enemy and taking well-planned action. Attend this talk to learn how to identify common ants of KS and MO using their looks and behavior and learn how to design a control plan for each species.
Allison Allen, BCE, VP Membership & Certification, National Pest Management Association

- 9:00 - 10:00 am **MOSQUITOS**
 Mosquitoes are one of humankind's greatest enemies and the pest management industry is on the front lines of the battle against them. Using the framework provided by QualityPro's Public Health Mosquito Standards, we will go over common management programs from one-time events to disaster response, but with a focus on backyard management. This talk will also arm you with the answers to homeowners' frequently asked questions and strategies that have been tried to get them to do their part.
Allison Allen, BCE, VP Membership & Certification, National Pest Management Association
- 10:00 - 10:20 am *Break with Exhibitors*
- 10:20 - 11:20 am **FlyQ - Insect Light Trap Selection, Placement, and Innovation**
 In this presentation attendees discover the intricacies of insect light traps. We explore factors that dictate efficacy. Learn key considerations in ILT selection and mastering optimal placement strategies. Discover the significance of the inverse square law, highlighting how light intensity diminishes with distance and impacts trap effectiveness. A notable segment contrasts traditional FUV lamps with a novel LED alternative. Delve into the world of insect light traps, where scientific principles come together with practical insights.
Dr. Stuart (Doc) Mitchell, PestWest USA
- 11:20 - 12:20 pm **Rodent Guest Management 3.0**
 With real smarts, rodents are unwelcome guests and pesky pilferers. Rodents are more and more problematic for pest management professionals (PMPs). Pesky rodent presence is a symptom of a deficiency. As unwanted guests, rodents and rodent smarts exploit any deficiency, allowing populations to explode and threaten public health, food, and structures. To out-smart rodent smarts, and as an essential part of RPM, the rapidly advancing technologies of remote sensing are providing pest management professionals with a plethora of pest presence devices. From smart devices to artificial intelligence, smart traps can now "talk." Time to have a conversation!
Dr. Stuart (Doc) Mitchell, PestWest USA
- 12:20 - 1:20 pm *Luncheon (included with Thursday registration)*
- 1:20 - 2:20 pm **Cancelling Callbacks - German Cockroach Management Best Practices**
 This session will use an audience interactive game to examine the significance of cockroach, specifically German cockroaches, related revenue to our industry (and lack of profitability from reserves), their public health threats, biology/lifecycle/fecundity, foraging/harborage/mating behaviors, and IPM best practices for their control (identification, monitoring, physical control, mechanical control, cultural control, and chemical controls).
Dr. Tim Husen, Syngenta

BREAKOUT SESSIONS

MISSOURI

- 2:30 - 3:30 pm **Termites Behaving Badly**
 This talk is on the identification, biology, habits, conducive conditions, inspection techniques and integrated pest management control of termites. Course starts by detailing the general description of termites. Characteristics of social insects are provided.
Dr. Bob Davis, BASF
- 3:30 - 3:50 pm *Break with Exhibitors*
- 3:50 - 4:50 pm **SAFETY and LABELS**
 Pesticide Development Through History; Risk Reality and Perception; Pesticide Toxicity; Product Labeling; Personal Protective Equipment; Container Disposal; Pesticide Spills and Target Application.
Tommy Reeves, Oldham Chemicals
- 4:50 - 5:50 pm **MISSOURI CORE HOUR**
Missouri Department of Agriculture
- 5:50 pm **MPMA Annual Meeting**

KANSAS

- 2:30 - 3:30 pm **Pest Management in Zoos**
Wrylie Guffey, General Curator and Elephant Manger, Topeka Zoo
- 3:30 - 3:50 pm *Break with Exhibitors*
- 3:50 - 4:50 pm **Rooftop Pest Control - Stupid Kills**
 Stupid can get you killed! A safe, healthy workplace takes teamwork. To keep the workplace safe, the Occupational Safety and Health Administration (OSHA) sets safety and health standards.
Dr. Stuart (Doc) Mitchell, PestWest USA
- 4:50 - 5:50 pm **KANSAS CORE HOUR**
Kansas Department of Agriculture

Friday, December 6, 2024

- 7:00 am Registration Opens
- 7:00 - 8:00 am *Breakfast with Exhibitors* (included with Friday registration)
- 8:00 - 8:50 am **KANSAS CORE HOUR**
Kansas Department of Agriculture
- 8:55 - 9:45 am **Winning the Game - Managing Carpenter Ants Around Structures**
This session will use an audience interactive game to examine the significance of carpenter ant related revenue to our industry (and lack of profitability from reservices), the biology/lifecycle and nesting/foraging behavior of carpenter ants, and IPM best practices for their control (identification, monitoring, physical control, mechanical control, cultural control, and chemical controls).
Dr. Tim Husen, Syngenta
- 9:45 - 10:35 am **Buzz Off - Managing Carpenter Bees Around Structures**
This session will focus on managing Carpenter bees around structures with the goal of preventing costly reservices for this WDI pest. Presentation will cover the biology/lifecycle and nesting/foraging behavior of carpenter bees, and IPM best practices for their control (identification, monitoring, physical control, mechanical control, cultural control, and chemical controls).
Dr. Tim Husen, Syngenta
- 10:35 - 11:25 am **Drywood Termites and Other Wood Destroying Insects**
Dr. Sang-Bin Lee, University of California, Oakland
- 11:25 - 11:45 am *Break with Exhibitors*
- 11:45 - 12:40 am **Top Ten Quality Termite Treatment Actions**
Talk provides information on 10 actions that a Pest Professional to follow to ensure high quality termite services. They are 1)Front End Inspection, 2) Paperwork, 3) Selection of Materials, 4) Measuring and Mixing, 5) Calibration,6) Proper Application 7) Using a Termiticide Liquid Application System, 8) Termite Bait System Install,9) Termite Bait System Service and 10)Post Treatment Inspections.
Dr. Bob Davis, BASF
- 12:40 - 1:30 pm *Luncheon* (included with Friday registration)
- 1:30 - 2:20 pm **Top Ten Quality Termite Treatment Actions continued**
- 2:20 - 3:10 pm **WOOD BORING BEETLES**
Highlights of this presentation will include why should you be interested in other WDO's such as wood boring beetles, wood boring beetle requirements, and preventing future problems.
Dr. Jamel Sandidge, National Director, Nisus Corporation
- 3:10 - 5:20 pm **Subterranean Termite Behavior and Control**
Dr. Sang-Bin Lee, University of California, Oakland

SPEAKERS

Allison Allen, BCE, is the VP of Membership and Certification for the National Pest Management Association (NPMA) as well as the Executive Director of QualityPro, the accreditation program endorsed by NPMA. NPMA supports members in being professional, knowledgeable, and profitable through education, industry leadership, public policy advocacy, and growth of the market. QualityPro is the largest credentialing program for companies in the pest management industry and includes the QualityPro Food Safety, QualityPro Schools, QualityPro Public Health and GreenPro service certifications. Allie has been in the pest management industry for over 17 years. She started as a lowly lab tech doing pest control on farms and bed bugs brought her to the structural side. With degrees in entomology and education, Allie has always loved talking to people about pests. She spent many years at Cornell University getting those degrees and then working for the New York State IPM Program and the Northeastern IPM Center. For the IPM Center she developed and ran the StopPests in Housing Program which worked with affordable housing properties and the pest management professionals that service them across the US and its territories. Outside of Cornell, she has also worked for the NYC Department of Health, Modern Pest Services, BedBug Central, and the National Center for Healthy Housing. Allie is a board certified entomologist and is an active member of the Entomological Society of America and Pie Kl (rhymes with sky) Omega the pest management fraternity. Allie lives near NPMA in Virginia with her husband, son, and menagerie. She is active in Scouts with her son, enjoys growing plants for insects to live on and eat, and is usually up for any adventure especially if it involves horses.

Dr. Bob Davis, BCE, has a varied employment background. Positions have included: Fisheries Biologist, Pest Control Operator, Pest Control Technician, Extension Research Specialist, Graduate Research Assistant, Technical Director for ABC Pest & Lawn Services of Austin, TX and Technical Field Representative for Aventis and Bayer Environmental Sciences. Bob is presently employed as a Technical Services Representative for BASF Professional & Specialty Solutions. Bob received his educational degrees from the University of Nebraska (UNL). At UNL he received a BS degree in Natural Resources and his MS and Ph.D. in Entomology from UNL. He is a Board Certified Entomologist and is active in the Entomological Society of America. His graduate work was focused on testing and evaluating termite control materials and techniques. Bob has multiple publications in peer reviewed journals and has provided educational materials and articles through extension and professional magazine venues. He has provided many and varied educational and research presentations in our industry for over thirty-five years.

Emily Groner is from St. Thomas, Missouri, a small town south of Jefferson City. She graduated from Missouri State University in Springfield in 2021 with a bachelor's degree in agriculture education. She has seven years of experience in the production agriculture industry, six of those years were spent on two Missouri dairy farms, and the seventh year was the farrowing operations manager at a mid to large size JBS sow farm in the central Missouri area. She was an Agriculture Education teacher and an FFA advisor for one year at Nichols Career Center in Jefferson City, Missouri, prior to accepting my current position as the Certification Coordinator for the Pesticide Program at the Missouri Department of Agriculture.

Shawn Hackett is a Life Scientist with the Tanks, Toxics & Pesticides Branch at EPA Region 7. He has been with EPA for eight years and is currently assigned as the FIFRA Project Officer for Missouri, Certification and Training Coordinator, and a FIFRA Inspector. Prior to EPA, Shawn was employed by the Kansas Department of Agriculture, Pesticide & Fertilizer Program for 16 years as an Investigator and Compliance Section Chief. He began in the lawn care industry in 1984, working for 16 years in positions that included Applicator, Route Supervisor, Safety & Compliance Manager and Operations Manager. He is currently certified as a Kansas commercial certified applicator in Ornamental, Turf, and Industrial Weed Control.

Dr. Tim Husen, BCE, PHE, PCQI, is the Technical Services Manager for Syngenta Professional Pest Management's Midwest and Northeast US Sales Territories. In this role, Tim supports Syngenta PPM's innovation and product

launch platforms, as well as providing direct support to Syngenta PPM's sales and marketing teams (and their customers). Tim began his career in operational pest control at Waltham Services where he developed and directed technical and training operations and managed

quality control procedures, personnel and reporting. He also worked as a Technical Service Manager for Rollins Inc. where he provided a wide variety of technical support and guidance across the company including Operations, Marketing, and Training based out of Rollins Corporate headquarters in Atlanta, GA. Prior to joining Syngenta, Tim was a Technical Services Representative covering the Southeast US for BASF Professional and Specialty Solutions. Dr. Husen is a subject matter expert on insect and rodent pest control tactics, products, and equipment with 26 years of experience in entomology and structural pest management. He is a board certified urban and public health entomologist with 30 scientific or extension publications and numerous presentations at scientific and pest management related events. Tim holds a Bachelor of Science degree in biological sciences, a Master's degree in entomology, and a Ph.D. in entomology from the University of Nebraska – Lincoln.

Sang-Bin Lee, Ph.D., is an assistant urban IPM advisor at University of California Agriculture and Natural Resources. He completed his Ph.D. in entomology and nematology at the University of Florida and studied the behavior and ecology of one of the most important invasive termite pests in the world, the Formosan subterranean termite (*Coptotermes formosanus*). Now, he focuses on the behavior and ecology of several urban pests to improve the current IPM program in California. Lee is active in regional and national entomological and behavioral societies and has been the recipient of several fellowships, awards, and grants.

Dr. Stuart (Doc) Mitchell, BCE, is a lifelong student, observing family physician, consulting clinical psychologist, consulting veterinarian, consulting entomologist, and pest management professional. Serving the pest management industry for 40 years as a technical specialist, technical director, consultant, expert-witness, columnist, author, lecturer, and speaker.

Jeffery Preece, BCE, PHE, founder of Zip Zap Termite & Pest Control and a Board Certified Entomologist, running a family owned third generation pest management company in the Kansas City area. Jeff has been a board certified entomologist registered with the Entomological Society of America since 2005. He continues to leverage the expertise he has acquired in the industry since 1985.

Tommy D. Reeves has appeared at many training meetings for the pest control and lawn care industry. He has an A.S. in Business from Jackson State Community College, B.B.A. from Lambuth University and J.D. from Memphis State School of Law. Tommy has practiced law for approximately 12 years, owned his own law practice and assisted small business owners in developing small business structures. He has served as board member in RISE, UPFDA, NPCA and many state pest control associations. He has appeared at several state and local meetings and made hundreds of presentations on pest control subjects.

Jamel S. Sandidge, BCE, PhD, MA, has been involved in multiple levels of the pest management industry for the last 23 years. Dr. J. joined Nisus Corporation in 2019 as the Innovation Platform Leader for Pest Management Systems where he is responsible for driving the development and growth of new and existing products in the professional line. He is now the National Director of Technical Services, where he supports the industry through education, training and technical support. Dr. J. is a board-certified Entomologist who holds a Master's degree in Entomology and a Ph.D. in Ecology and Evolutionary Biology from the University of Kansas. While attending grad school he launched a pest management business, starting from the ground up. He owned and operated BRS Pest Control and Consulting for 9 years, gaining practical experience in the field solving complex pest management issues. Dr. J. previously served as a Research Entomologist with responsibilities in product research and development, efficacy testing, and technical assistance.

Attendee Registration

Name _____

Company _____

Address _____

City, State _____ Zip _____

Phone _____ Email _____

Full registration fee includes all conference handouts, breaks, exhibit hall, lunch (2), breakfast (2) and a reception.

REGISTRATION FEES

ACE TRAINING (December 4)

MEMBER

\$100

NON MEMBER

\$125

MANAGEMENT SESSION (December 4)

FREE

\$20

ENTIRE CONFERENCE

\$225

\$300

One Day - THURSDAY, December 5

\$115

\$150

One Day - FRIDAY, December 6

\$115

\$150

Registrations received after 11/25 add 10% processing fee \$ _____ \$ _____

Total Amount \$ _____

RE-CERTIFICATION CREDITS

MISSOURI: APPROVED for recertification credit in 7A-General Structural Pest Control and 7B-Termite Pest Control.

KANSAS: PENDING for 7 hours 7e Thursday, 7 hours 7D/8 Thursday and 7 hours 7A Friday.

ILLINOIS: PENDING for 7 CEUs on 12/5 and for 5 CEUs on 12/6.

ARKANSAS: APPROVED for recertification credits.

OKLAHOMA: PENDING for recertification credits.

HOTEL ACCOMMODATIONS

A block of rooms has been reserved at the **Stoney Creek Hotel, 18011 Bass Pro Drive, Independence, MO 64055**, for **\$120.00** for Queen/King Room. The cutoff date to make your reservations is **Monday, November 4, 2024**.

Call **816-908-9600** and mention the **"Missouri Pest Management Association"** to receive your discount.

PAYMENT OPTIONS

Check Invoice Credit Card (MC/V/Disc/AMX)

Credit Card # _____

Expiration Date _____ V-Code _____

Mail Registration and Payment to: Kansas Pest Control Association, PO Box 2309, Mission, KS 66201

Phone: 785-230-0454 or 573-761-5771 | Meredithcarr@kansaspest.onmicrosoft.com

All refunds are subject to a \$25.00 processing fee | NO REFUNDS WILL BE GIVEN AFTER NOVEMBER 25, 2024