



# Mississippi Pest Control Association

## December 2023 Virtual Workshop

### December 20, 2023

**8:15 a.m. Welcome**

**8:20 a.m. – 9:20 a.m. Termites.** This one hour presentation is on the identification, biology, habits and conducive conditions associated with subterranean termites. Inspection techniques and integrated pest management control of termites is discussed. A brief overview of other Wood Destroying Insects (drywood termites, dampwood termites, wood destroying beetles, carpenter ants, etc.) is noted. Identification and morphology of subterranean termites is provided (includes differences between ants, termites and wasps). Characteristics of social insects are provided. This includes colony and individual behavior, feeding, digestion, reproduction & swarming, etc. Taxonomy and classification of subterranean termites is presented. Specific worldwide and US distribution of termites is presented. Incidence of numbers of colonies is covered. Signs of termite infestations (wood damage, pin holes, swarm castles, wings, swarmers, etc.) and their importance as key WDI pests are discussed. Differences in distribution, biology, ID and damage between native and Formosan subterranean termites are provided. Inspection procedures and techniques are presented (sounding, probing, infra-red camera, acoustic emission detector, Terma Trac, X-ray, etc.). Pictures and videos on termite behavior are used. A section on termite conducive conditions is discussed. Using information for proper inspections, diagrams and paper work is provided.

Dr. Bob Davis, BASF

**9:23 a.m. – 10:23 a.m. Ants.** This one-hour session will focus on ant control IPM, identification, inspections, application, and customer communication.

Steve Longwell, Target Specialty Products

**10:23 a.m. – 10:40 a.m. Break**

**10:40 a.m. – 11:40 a.m. Roaches.** This one-hour presentation will discuss roach management, IPM, identification, inspections, application and control, and customer communication.

Keith Miller, Envu

**11:40 p.m. – 11:50 p.m. Announcements**

**11:50 p.m. – 1:00 p.m. – Lunch**

**1:05 p.m. – 2:05 p.m. Basic Rodent Biology, Inspections, and Control**

**Methods.** This one-hour session will discuss safety, tools, inspections, and IPM concerning Rodent Control. Identifying and discussing the physical abilities and senses of the three basic commensal rodents our industry controls.

Scott Smith, Bell Labs., Inc.

**2:05 p.m. – 2:20 p.m. Break**

**2:23 p.m. – 3:23 p.m. Small Flies.** This one-hour session will discuss how to identify, their habits, biology, and treatment and IPM options for small flies.

Chris Jamison, Pelsis

**3:26 -4:26 p.m. Safety.** This one-hour session will discuss pesticide hazards, staying safe on the road and on the job, PPE, proper disposal, and pesticide safety.

Hank Robison, Oldham Chemicals Co.

**4:26 p.m. Closing Remarks and Instructions for Recertification.**