

Josh Shoemaker
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Curriculum Vitae

EMPLOYMENT HISTORY

January 2018 – present, J. Shoemaker Consulting Services / Professional Entomological Services (DBA)

Owner

- Forensic Entomology Services
 - Consulted on more than 200 cases, including in the areas of Habitability, Personal injury, and Wrongful death
 - Testified as expert on pest control standard of care, bed bugs, cockroaches, and more
- Pest Management Consulting
 - Services have included Document Review, Integrated Pest Management Program Assistance, Site Evaluations, and Training
 - Clients have included Pest Management Professionals, Industry Associations, Property Managers, Pesticide Suppliers, Public Housing Authorities, and Landlords

September 1994 – September 2022, Bayer CropScience, Pest Management and Public Health

Area Sales Manager (1994-2011), Western Regional Manager (2011-2018), Commercial Operations Lead (2018-2022)

- Over the course of all positions: developed and co-developed continuing education training courses; worked to introduce new products, solve pest challenges, and test materials; performed training on the biology of urban pests, integrated pest management, and the proper use of materials
- As Commercial Operations Lead, additional responsibilities included: overseeing key national end-user accounts; working with channel manager on distribution programs; developing and responsibility for end-user programs; overseeing technical education program development and implementation; functioning as a liaison between marketing, sales, and technical teams
- As Western Regional Manager, additional responsibilities included: management of western sales team covering the western two-thirds of the US; management of several regional distribution accounts and one national PMP account

June 1993 – September 1993; June 1994 – September 1994, Zoecon

Technical Sales Intern

- Introduced new biological and standard pesticides, primarily for flea and cockroach control
- Trained technicians on the proper application of cockroach and flea growth regulators

EDUCATION

Graduate Certificate, Public Health, University of Missouri, 2023

M.Sc., Entomology, University of Nebraska, Lincoln, 2021

Coursework in Integrated Pest Management, Agriculture, and other related subjects, Mt. San Antonio College, 1995-1997

B.S., Business Administration, California State Polytechnic University, Pomona, 1994

Minor: Chemistry

LICENSES

California Pest Control Advisor (Issuer – California Department of Pesticide Regulation)

Qualified Applicator (Issuer – California Department of Pesticide Regulation)

Licensed in the following categories:

Residential, Industrial and Institutional

Landscape Maintenance

Health Related

Field Representative, Branch 2, General Pest (Issuer – California Structural Pest Control Board)

PUBLICATIONS & OTHER MEDIA

Publications

Shoemaker, J. (2024). Public Concern. *Pest Control Technology*. 52(3), 56-60.

Shoemaker, J., Barile, J., & Remmen, M. (2023). Identity Crisis. *Pest Control Technology*. 51(7), 46-51.

Shoemaker, J. & Tanksley, S. (2023). This Mite Help. *Pest Control Technology*. 51(4), 94-98.

Kramer, L., Weinberger, M., Tanksley, S. & Shoemaker, J. (2022). Pruritic papular dermatitis from bird mites. *The Journal of Allergy and Clinical Immunology: In Practice*. 10(6), 1642-1643.

Shoemaker, J. (2022). Cockroaches feeding on humans: Not only for the dead. *American Entomologist*. 68(1), 48-51.

Shoemaker, J. & Field, H. (2021). Paradigm shift: Why complaint-driven programs fail. *Pest Control Technology*. 49(12), 64-67, 88.

Shoemaker, J. (2021). Do cockroaches bite? *Pest Control Technology*. 49(7), 86-88.

Shoemaker, J. & Braness, G. (Eds.). (2017). *God & the World of Insects*. Silverton: Lampion Press.

Other Media

“Madagascar Hissing Cockroach Competition for Survival with Tug-of-war” in Entomology Lesson Plans for Elementary Educators by Erin Bauer & Doug Golick. (2022).

<https://pressbooks.nebraska.edu/unlentomologylessonplansforelementaryeducators/>

“Pest Profiles” for the University of Nebraska Science Literacy and Outreach including: Turkestan cockroach; Asian cockroach; Florida woods cockroach; Pennsylvania wood cockroach; Field cockroach; Red-legged ham beetle; Lesser grain borer; Mediterranean flour moth; several other insects and spiders. (2020). <https://entomology.unl.edu/scilit/pest-profiles>

Bed bug management in healthcare environments. Master of Science in Entomology Project at the University of Nebraska. (2020). <https://digitalcommons.unl.edu/entodistmasters/77/>

PROFESSIONAL CERTIFICATIONS

Associate Certified Entomologist (ACE), 2010 - 2020

Certified Arborist, 2001-2007

PEST MANAGEMENT TRAINER

Continuing Education Courses Taught (Approved by the California Structural Pest Control Board)

An IPM Approach to Crawling Insects in California*

An IPM Approach to German Cockroach Control*

Ant Management*

Bed Bug Biology & Control*

Biology & Control of Arachnids in California*

Biology & Control of Spiders in California*

Biology & Control of Filth Flies*

Cockroach Bait Aversion**

Cockroach Control in Multi-family Housing*

German Cockroach Biology & Control*

Green Pest Management**

Innovations in Pest Management**

Insecticides & Safety**

IPM for Bed Bugs in Healthcare Facilities*

IPM for Cockroaches in Multi-unit Housing*

IPM for Occasional Invaders in Residential Environments**

IPM Solutions for Rodent Control**

New Regulatory Issues & What They Mean to You*

Pesticides & Water Quality in California*

Sprayer Calibration for Effective Perimeter Treatments**

Stored Product Pests**

Technician Training-Basic Construction**

Understanding Pesticide Formulations

* Authored ** Co-authored

Many additional CEU approved courses instructed in California and other states.

In-house Training Performed for the Following Licensed Pest Management Companies

Admiral Termite & Pest Control, American Pest Control, American City Pest Control, Antac, Anticimex, Antimite, Berrett Pest Control, Bug Man, Bull's Eye Pest Control, Burns Pest Elimination, CATS Pest Control, Clark Pest Control, Corky's Pest Control, Craig & Sons, Dewey Pest Control, Eco Shield, Ecola, Fenn Termite & Pest Control, Fume-a-Pest, Frazier Pest Control, Gordon's Termite & Pest Control, Green Flash Pest Control, Harbor Pest Control, Homeguard, HomeTeam, Hydrex, Invader Pest Management, Isotech, Joshua's Pest Control, Lloyd Pest Control, Moxie Pest Control, Newport Exterminating, Northwest Exterminating, Orange Country Pest Control, Orkin, Pacific Coast Termite, Payne Pest Management, Pestmaster, Pinpoint Pest Control, Preventive Pest Control, Pro Pacific Pest Control, Sandwich Island Pest Control, Snyder's Pest Control, Stanley Pest Control, Team Too, Terminix International, Terminix El Centro, Truly Nolen of America, University Termite & Pest, Western Exterminator, Xtermco, more

Conference/Seminar Speaker on Pest Management for the Following Companies/Organizations

Arizona Department of Agriculture	New Mexico Pest Management Association
Arizona Pest Professional Organization (AZPPO)	Northeastern IPM Center
Chemtech	Oregon Pest Control Association
Geotech	Pest Control Operators of California (PCOC)
Golf Course Superintends Association of America	Pesticide Applicators Professional Association (PAPA)
Greater Chicago Pest Management Alliance	SiteOne
Hawaii Pest Control Association	Street Tree Seminar
Helena Chemical Company	Target Specialty Products
Missouri Pest Management Association	Utah Pest Control and Lawn Care Association
Mt. San Antonio College	Veseris