

Vector Control for Environmental Health Professionals

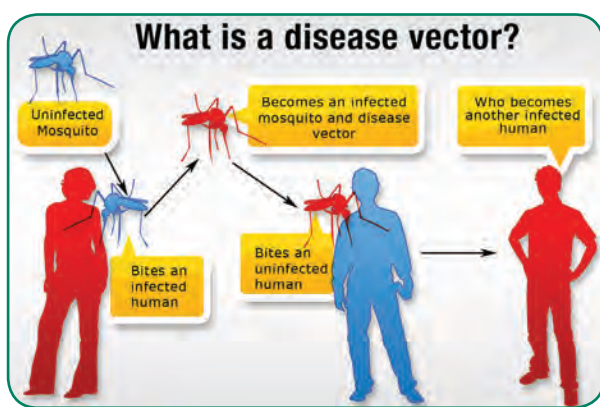
CDC and partners have a new vector control online training curriculum for environmental health professionals working in government agencies, tribal organizations, schools, and businesses. The training—Vector Control for Environmental Health Professionals (VCEHP)—emphasizes the use of integrated pest management to address public health pests and vectors that spread pathogens, including Zika virus and others.

Register today!

1. Visit <http://lms.southcentralpartnership.org/vcehp.php>
2. Create a New Account
3. Enroll in VCEHP Courses

What Are the Benefits of This Training?

- **It's free and flexible:** Take the courses you want, when you want in this online learning program.
- **It's credible:** Learn the latest science and evidence from vector control experts to improve your awareness and understanding of vector control and pest management.
- **It's practical:** Access concrete principles, practices, and resources to address vector control issues affecting your community.
- **You can earn continuing education units (CEUs):** Obtain CEUs from the National Environmental Health Association upon completing the courses and final evaluation (optional).



VCEHP includes a subset of courses particularly helpful for understanding and addressing Zika virus and other mosquito-borne diseases.

What Topics Are Addressed?

The training includes 11 courses. Take all of them or pick and choose (the first three are required, then take courses in any order):

- Vector-Borne Diseases of Public Health Importance
- Integrated Pest Management Basics
- Performance Assessment & Improvement of Vector Control Services
- Tick Biology and Control
- Mosquito Biology and Control
- Toxicology of Pesticides
- Rodent Management
- Pests and Vectors in Food & Housing Environments
- Special Pest Management Considerations for Schools
- Risk Communication Basics
- Bed Bug Biology and Control

“[I am] better able to serve the citizens of my county and the cities within the county. I feel better prepared to respond to questions regarding the use of pesticides. I also found several good references should I have a question that I couldn’t answer.” - *Pilot Tester*

What Are People Saying?

We tested this course with environmental health, vector control, and pest management staff.

- **4 of 5** reported they would be able to apply acquired knowledge in their work.
- **4 of 5** reported the information they gained will enhance their ability to do their job.
- **9 in 10** agreed that they would recommend this training to a colleague (consistent across all 11 courses).



How Long Does It Take?

For pilot testers, about half of the courses took around an hour each. The rest took between 2 and 2½ hours each.

Who Developed It?

Several groups and individuals worked together to create this training series. CDC’s National Center for Environmental Health collaborated with National Network of Public Health Institutes, Texas Health Institute, Tulane University, National Environmental Health Association, and additional subject-matter experts in vector control and pest management.

Did You Know?

- Vector-borne diseases are a major public health concern.
- Since 2008, more than 51,000 state and local public health jobs have been lost representing more than 19% of the total state and local health department workforce.

Key Terms

Integrated pest management: a multifaceted approach to managing pests by focusing on (1) not attracting them, (2) keeping them out, and (3) getting rid of them using the safest, most effective methods.

Pesticides: chemical or biological products that kill pests (for example mosquitoes, ticks, rats, and others).

Quick Links:

Vector Control for Environmental Health Professionals - <http://lms.southcentralpartnership.org/vcehp.php>

More Vector Control/Integrated Pest Management Resources from CDC and Partners - <https://www.cdc.gov/nceh/ehs/topics/vectorcontrol.htm>