

## **ACMT to Present Webinar on Health Effects of Pesticide Residues**

*The American College of Medical Toxicology will present a webinar on the assessment and management of potential health effects from pesticide residues in the indoor environment. The webinar, which is available to health care providers, health administrators, and epidemiologists, will take place on August 29, 2012.*

Phoenix, Arizona ([PRWEB](#)) August 28, 2012 -- The residential use of pesticides and potential health effects that may result from exposure to pesticides are frequent topics of concern presented to [health care providers](#) by patients. Most physicians receive little to no training in medical school or residency in the diagnosis, management, and prevention of poisoning due to pesticides. Physician knowledge of human effects of exposure to different classes of pesticides in a residential environment is important, especially given the emergence of bedbugs and other important pests that can be difficult to control.

To educate health care professionals about the potential health effects of pesticides used in residences, the [American College of Medical Toxicology](#) will be presenting an educational webinar entitled “Pesticide Residues in the Indoor Environment: Assessment and Health Effects.” The webinar was prepared with support from a cooperative agreement between the ACMT and the Agency for Toxic Substances and Diseases Registry.

The 90-minute webinar will be presented by Daniel Sudakin, MD, MPH, Associate Professor in the Department of Environmental and Molecular Toxicology at Oregon State University. Dr. Sudakin is a Co-Investigator at the [National Pesticide Information Center](#), a web and phone-based service supported by the U.S. EPA, which provides and collects information about pesticides to inquirers from throughout the United States.

Dr. Sudakin will describe the chemical properties of various pesticides, their toxicological mechanisms, and the clinical effects that can occur from overexposure. Real-world examples of adverse health effects associated with the use of insecticides, including organophosphates and other cholinesterase inhibitors will be presented. Use of pyrethroid insecticides and some of the changing trends in human exposure incidents as a result of the regulatory phase-out of organophosphates from residential uses will also be reviewed. Scenarios that have resulted in adverse health effects from residential misapplications, as well as adverse health effects resulting from use of illegally imported pesticide products will be presented.

The [webinar](#) will conclude with discussion of emerging issues and challenges in pesticide toxicology, including the interpretation of biomonitoring studies, the concept of endocrine disruption, and epidemiological studies on cancer. The appropriate regulatory and public health authorities for reporting of misapplication incidents and human exposures will be identified. According to Dr. Sudakin “There is clearly a broad interest in the topic of pesticides used in residences, and I’m confident that this presentation will be informative and useful to health care providers, epidemiologists, and administrators.”

The American College of Medical Toxicology (ACMT) is a professional, nonprofit association of physicians with recognized expertise in medical toxicology. The College is dedicated to advancing the science and practice of [medical toxicology](#)



**Contact Information**

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**Online Web 2.0 Version**

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