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Subject: chemistry forum at WCC on Apr 15
Date: April 1, 2010 4:50:46 PM HST
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You are cordially invited to the
WCC Community Forum in Chemistry

Health Effects of Pesticides

by Kazu Fujioka, Ph.D.

1:30-2:30 pm, Thursday, April 15, 2010
Hale 'Imiloa 111 ([view map of campus](#))

Pesticides are chemical compounds used to control insects, weeds, fungi, and other injurious pests. In 2001 alone, approximately 1203 million pounds of pesticides was used in the US. Although pesticides are strictly regulated, they can potentially affect health if inappropriately used. This presentation will focus on the toxicology and health effects of the organophosphorus and neonicotinoid insecticides.

Dr. Fujioka obtained his Ph.D. in Agricultural and Environmental Chemistry from University of California at Davis in 2005, with specialization on quantification and identification of small molecules using gas chromatography-mass spectrometry and liquid chromatography-tandem mass spectrometry (LC/MS/MS). He did his postdoctoral research at the Environmental Chemistry Toxicology Laboratory at UC Berkeley on the neurochemistry, toxicology, and metabolism of organophosphorus pesticides. In 2007, Dr. Fujioka joined Cardax Pharmaceuticals as a Research Scientist where he develops bio-analytical methods for prodrugs, performs bio-analytical/pharmacokinetic studies, and maintains analytical instrumentation. Dr. Fujioka has authored 16 scientific publications and has more than twenty patents.

This forum is co-sponsored by Windward Community College and the American Chemical Society-Hawaii Section.

http://www.wcc.hawaii.edu/chemistry_forum/2010_Spring/

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