

**Environmental Chemistry Laboratory
Seminar Series
January – December 2008 Speakers**

2nd and 4th Wed, 2:00-3:00 in Berkeley
Contact: ktucker@dtsc.ca.gov

Date	Speaker Name	Topic of Discussion
January 9 PAST	Lois Courchaine - Central Contra Costa Solid Waste Authority	Extended Producer Responsibility Through the California Product Stewardship Council
January 15 PAST	Pete Palmer, Ph.D. SFSU, and Richard Jacobs, FDA	XRF-Based Detection and Quantitation of Toxic Elements for FDA Lab and Field Investigations
January 23 PAST	William Draper, Ph.D., CDPH	Improved Methods for LC-MS-MS Determination of Microcystins (and other Blue Green Algal Toxins) in Surface Water
January 28 PAST	Yu-Chen Chang, Ph.D	Use of LC/MS/MS in Sports Doping Control and Environmental Endocrine Disruptor Studies
February 5	Wang-Hsien Ding, Ph.D.	Determination of selected emerging contaminants by GC/MS and LC/MS
February 11 PAST	Prof. Nik van Larebeke, Ghent University, Belgium	The Flemish Biomonitoring Project: Followup at 36 Months
February 27 PAST	Kristin Robrock, UC Berkeley	Biodegradation of PBDEs
March 12 PAST	Myrto Petreas, Ph.D. ECL	ECL's Role in CA Biomonitoring: Challenges and Opportunities
March 26 PAST	KC Ting, Ph.D., ECL	XRF Evaluation and Application
April 9 PAST	Susan Klosterhaus, Ph.D., SFEI	The bioavailability of PBDEs from urban estuarine sediments to deposit-feeding invertebrates
April 23 PAST	Weihong Guo Public Health Institute/ECL	Chromosome Changes in Benzene Exposed Workers and Controls
PAST	Julia Quint, Ph.D., DPH (retired)	Emerging Contaminants in California's Workplaces: Dry-Cleaning and Decamethylcyclopentasiloxane (D5)
May 28 PAST	Martin Snider, DTSC	Waste Classification Analysis of Preservative Treated Wood

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June 18 PAST	Cal Center Chatsworth	Prof. Lennart Hardell, MD, Ph.D. Department of Oncology, Orebro University Hospital	Persistent Organic Pollutants (POPs) and Cancer
June 25 PAST	Headquarters Cal Center	Susan Heckley, Lindsay Wildlife Museum	Urban Wildlife and Emerging Contaminants: Sentinels for Human Health?
July 9 PAST	Cal Center	Bill Henry, UCSC Long Marine Lab	Tracking the top of the Pelagic Food Chain: Using animals as ocean samplers to tell us what's ending up and where in our oceans
July 23 PAST	Cal Center	Arthur Holden, ECL	"Deca" (BDE-209), the largest PBDE Flame Retardant
August 13 PAST	Cal Center Cypress – All staff Conf. Room	Ann Blake, Ph.D.	Implementing Chemicals Policy Reform: Case Studies
August 27 PAST	Cal Center Cypress –All staff Conf. Room	Gale Filter, DTSC, Deputy Director, Enforcement & Emergency Response Program	Science and Environmental Prosecutions: It Ain't CSI
September 10 PAST	Cal Center	Dennis Shusterman, MD Occupational Health, DPH	Significance of Indoor Air Chemistry to 'Sick Building Syndrome'
September 24 PAST	Cal Center	June-Soo Park, Ph.D., DTSC – Environmental Chemistry Lab	Current Levels of Persistent Organic Contaminants in CA Wildlife and Humans
October 8 PAST	Cal Center Cypress	Don Patterson, Ph.D., Centers for Disease Control (ret)	The Use of Biomonitoring to Assess Human Exposure to Environmental Chemicals
October 22 PAST	Cal Center Chatsworth	Susan Klosterhaus, Ph.D., San Francisco Estuary Institute	Topic: "Alternative Brominated Flame Retardants in the San Francisco Bay: New Chemicals of Emerging Concern"

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November 12 PAST	Cal Center	Miaomiao Wang, Ph.D., DTSC – Environmental Chemistry Lab	Topic: “PNA” (Peptide Nucleic Acid): “The formation of PNA and DNA duplexes; The interaction of small molecules with these duplexes, and application in DNA diagnostics”
December 10	Cal Center	K.C. Ting, Ph.D., DTSC - Environmental Chemistry Lab	Topic: "GC/MSD Method for Phthalate Esters in Children's Toys".

All presentations held in Berkeley DTSC Regional office 3rd floor Auditorium unless otherwise noted.

*Seminar in Permitting Conference Room (3J)