

Cosponsored by the Department of Toxic Substances Control, the  
California Nanotechnology Industry Network, and the California  
Manufacturers & Technology Association

**California Nanotechnology Initiative Symposium V:  
An Industry Perspective**

Monday, November 16, 2009  
8:30 AM – 5:00 PM PST

Cal/EPA 1001 I Street  
Byron Sher Auditorium, 2<sup>nd</sup> Floor  
Sacramento, California

7:30 AM Check In

8:30 AM Welcome and Opening Remarks  
[Maziar Movassaghi, Acting Director](#)  
Department of Toxic Substances Control  
[Tom Jacob, DuPont](#)

Backdrop to the Symposium - DTSC Nanotechnology Data Call-In  
[Ann Grimaldi, McKenna Long & Aldridge LLP \(presentation\)](#)

*Commentary/reflections on DTSC Data call-in that sets the backdrop to the  
symposium program*

**SESSION 1 - COLLABORATIVE EFFORTS**

*Overview of collaborative frontier - key forums emerging in US and internationally  
in past 5-7 years in which health, safety and environmental impacts of  
nanomaterials are being explored.*

Introduction and Overview

[Andrew Maynard, Project on Emerging Nanotechnologies](#)

Woodrow Wilson Center for International Scholars

*Overview of emerging nanomaterials and related safety, health and  
environmental question; and thoughts on collaboration in response to these  
concerns.*

ICON/Good Nano Guide

[Kristen Kulinowski, Rice University/CBEN \(presentation\)](#)

Industrial Field Investigations

[Charles Geraci, NIOSH \(presentation\)](#)

Global Standardization - ISO TC 229

[Richard C. Pleus, Intertox \(presentation\)](#)

OECD Working Party on Manufactured Nanomaterials  
[Terry Medley, DuPont \(presentation\)](#)

Commentary and Discussion on Collaborative Efforts

[Andrew Maynard, Wilson Center](#), [Tim Malloy, UCLA](#), [Patricia Holden, UCSB](#)

*Comments on presentations, then open dialogue with the presenters on current state of understanding and practice on health, safety and environmental aspects of nanomaterials.*

Questions and Answers

12:30 PM LUNCH

**SESSION 2 - COMPANY ENGAGEMENT WITH NANOTECHNOLOGY SAFETY**

*Examples of companies applying evolving knowledge to systematically address various areas of concern*

1:30 PM Introduction and Overview

[Andrew Maynard, Project on Emerging Nanotechnologies](#)

Woodrow Wilson Center for International Scholars

*Thoughts on evolution of industry practice relating to nanomaterials*

Manufacturing

**Amy Jones, Lockheed Martin (presentation)**

Chemicals

**Ray David, BASF (presentation)**

High Tech

**Steve Brown, Intel (presentation)**

Cosmetics

**Bob Hamilton, Amway (presentation)**

Panel Discussion on Industry Engagement in Nanotechnology Safety

[Andrew Maynard, Wilson Center](#), [Tim Malloy, UCLA](#), [Patricia Holden, UCSB](#)

*Comments on presentations, then open dialogue with the presenters on current state of industry practice relating to health, safety and environmental aspects of nanomaterials.*

Questions and Answers

5:00 PM Closing Remarks

[Jeff Wong, Ph.D., Chief Scientist](#)

Department of Toxic Substances Control