








CPSC/NNI QEEN Workshop
Quantifying Exposure to Engineered Nanomaterials from Manufactured Products
 Addressing Environmental, Health, and Safety Implications


Agenda

July 7th

Day One Plenary: Quantifying Exposure Across the Life Cycle

Time	Session	Speaker	Location
8:00	<i>Registration</i>		2nd Floor Foyer
Morning Plenary Moderator: Treye Thomas (CPSC)			
8:30-9:00	101  Welcoming Remarks	Treye Thomas <i>Leader, Chemical Hazards Program (CPSC)</i> Lloyd Whitman <i>Assistant Director, Nanotechnology (OSTP)</i> George Borlase <i>Assistant Executive Director, Hazard Identification and Reduction (CPSC)</i>	Rosslyn Ballroom
9:00-9:45	102  Introduction: The application of exposure science to the consumer product life cycle <i>Paul Westerhoff Arizona State University</i>		
9:45-10:30	103  Occupational Exposure: Review of the state of the science <i>Chuck Geraci NIOSH</i>		
10:30-10:40	<i>Morning Break</i>		2nd Floor Foyer
10:40-11:25	104  Consumer Exposure: Health risk driven exposure assessment for consumers during the life cycle of nanomaterial-containing products <i>Jim Zhang Duke University</i>		Rosslyn Ballroom
11:25-12:10	105  Ecological Exposure: Review of the state of the science <i>Bernd Nowack Empa</i>		
12:10-13:30	<i>Lunch on your own</i>		
13:30-15:35	Concurrent Sessions	Session Co-Chairs	Room
106A	Worker Exposure Studies	Kevin L. Dunn (NIOSH) and Bruce Lippy (CPWR)	<i>See page 3 for session speakers</i>
106B	Consumer Exposure Studies I: General Products	Marina Vance (Vtech) and Keana Scott (NIST)	
106C	Consumer Exposure Studies II: Food, Food-Contact, and Personal Care Products	Tim Duncan (FDA) and Margaret Kraeling (FDA)	
106D	Ecological and General Population Exposure Studies	Elijah Petersen (NIST) and Jeff Steevens (USACE)	
106E 	Roundtable—Exposure Science in the 21st Century: How its principles can transform safe and sustainable innovation and development of nanomaterial products <i>Moderator: Treye Thomas (CPSC)</i>		
15:35-15:45	<i>Afternoon Break</i>		2nd Floor Foyer
Afternoon Plenary Moderator: Janet Carter (OSHA)			
15:45-17:15	107  Concurrent Sessions Roundtable	Comparison of exposure assessment in different receptor populations	Rosslyn Ballroom
17:15-17:30	107.5 U.S.-EU Collaboration on Exposure: The Exposure through Product Life CoR <i>Martie van Tongeren Institute of Occupational Medicine & Rick Canady NeutralScience L3C</i>		
17:30-19:00	108 Evening Poster Session Featuring the <i>QEEN New Investigator Award</i> Poster Competition		

 Indicates presentation will be webcast at <http://www.tvworldwide.com/events/nnco/150707/>

 Indicates recorded but no live webcast.


CPSC/NNI QEEN Workshop
Quantifying Exposure to Engineered Nanomaterials from Manufactured Products

Addressing Environmental, Health, and Safety Implications

July 8th Day Two Plenaries: Quantifying Exposure in Various Media and Pathways

Time	Session	Speaker	Location
8:00	<i>Registration</i>		2nd Floor Foyer
Morning Plenary Moderator: Debbie Kaiser (NIST)			
8:30-9:15	201  Introduction: Methods for measuring exposure: materials and pathways <i>Greg Lowry Carnegie Mellon University</i>		Rosslyn Ballroom
9:15-10:00	202  Airborne Exposure: Linking life cycle specific exposures to biological impact of nanomaterials <i>Phil Demokritou Harvard School of Public Health</i>		
10:00-10:45	203  Waterborne Exposure: Environmental multimedia distribution of nanomaterials <i>Yoram Cohen UCLA CEIN</i>		
10:45-11:00	<i>Morning Break</i>		2nd Floor Foyer
11:00-11:45	204  Exposure in Biological Systems: Review of the state of the science <i>Christie Sayes Baylor University</i>		Rosslyn Ballroom
11:45-13:00	<i>Lunch on your own</i>		
13:00-15:05	Concurrent Sessions	Session Co-Chairs	Room
	205A Exposure Studies in Gaseous Media	Vince Castranova (WVU) and Gedi Mainelis (Rutgers)	See page 4 for session speakers
	205B Exposure Studies in Aqueous Media	Jeff Steevens (USACE) and Richard Zepp (EPA)	
	205C Exposure Studies in Biological/Tissue/Serum	Elijah Petersen (NIST) and Will Boyes (EPA)	
	205D Epidemiology: The Exposure-Health Interface	Mary Schubauer-Berigan (NIOSH) and Sara Brenner (CNSE)	
	205E New Investigator Interviews: What excites you about Exposure Science? Featuring the <i>QEEN New Investigator Award</i> winner Moderator: <i>Chuck Geraci (NIOSH)</i>		Rosslyn Ballroom
15:05-15:15	<i>Afternoon Break</i>		2nd Floor Foyer
Afternoon Plenary Moderator: Cathy Fehrenbacher (EPA)			
15:15-16:45	206  Concurrent Sessions Roundtable	Comparison of exposure assessment in various media and bridging exposure science with toxicology	Rosslyn Ballroom
16:45-17:30	207  Concluding Remarks	Lloyd Whitman (OSTP) & Treye Thomas (CPSC)	

 Indicates presentation will be webcast at <http://www.tvworldwide.com/events/nnc0/150707/>

 Indicates recorded but no live webcast.

For full abstracts and descriptions, please see
http://nano.gov/sites/default/files/pub_resource/queen_workshop_draft_agenda.pdf

Quantifying Exposure to Engineered Nanomaterials from Manufactured Products

Addressing Environmental, Health, and Safety Implications

July 7th

Day One Concurrent Sessions: Receptor Populations

		106A: Worker Exposure Studies	106B: Consumer Exposure Studies I: General Products	106C: Consumer Exposure Studies II: Food, Food-Contact, and Personal Care Products	106D: Ecological and General Population Exposure Studies	106E: Roundtable—Exposure Science in the 21st Century
Time	Room	Dogwood	Shenandoah A	Shenandoah B	Shenandoah C	Rosslyn Ballroom
13:30	Co-chairs	Kevin L. Dunn (NIOSH) & Bruce Lippy (CPWR)	Marina Vance (Vtech) & Keana Scott (NIST)	Tim Duncan (FDA) & Margaret Kraeling (FDA)	Elijah Petersen (NIST) & Jeff Steevens (USACE)	13:30-14:25 Roundtable with Paul Lioy (Rutgers) Chuck Geraci (NIOSH) Greg Lowry (CMU) and Tina Bahadori (EPA)
13:35-13:55	Speaker 1	Stephan Froggett (Froggett & Associates LLC)	Jo Anne Shatkin (Vireo Advisors)	Jay Ansell (Personal Care Products Council)	Paul Westerhoff (Arizona State University)	
13:55-14:15	Speaker 2	Dhimiter Bello (UMass Lowell)	Gediminas Mainelis (Rutgers University)	Stephen Ebbs (Southern Illinois University)	Brian Mader (3M)	
14:15-14:35	Speaker 3	Matthew Dahm (USPHS/NIOSH)	Marina Vance (Virginia Tech)	Roland Franz (Fraunhofer Institute for Process Engineering & Packaging)	Karen Murphy (NIST)	
14:35-14:55	Speaker 4	Gary Casuccio (RJ Lee Group)	Keana Scott and Li-Piin Sung (NIST)	Linda Katz (FDA)	Jason White (Connecticut Agricultural Experiment Station)	14:40-15:35 Town Hall
14:55-15:05	<i>Break</i>					
15:05-15:35	Panels	Speaker Panel	Speaker Panel	Speaker Panel	Speaker Panel	
15:35-15:45	<i>Break</i>					
15:45-17:15	Concurrent Sessions Roundtable	Comparison of exposure assessment in different receptor populations (Rosslyn Ballroom)				

Quantifying Exposure to Engineered Nanomaterials from Manufactured Products
Addressing Environmental, Health, and Safety Implications

July 8th Day Two Concurrent Sessions: Media and Pathways

		205A: Exposure Studies in Gaseous Media	205B: Exposure Studies in Aqueous Media	205C: Exposure Studies in Biological/Tissue/Serum	205D: Epidemiology: The Exposure-Health Interface	205E: New Investigator Interviews
Time	Room	Shenandoah C	Shenandoah A	Shenandoah B	Dogwood	Rosslyn Ballroom
13:00	Co-Chairs	Vince Castranova (WVU) & Gedi Mainelis (Rutgers)	Jeff Steevens (USACE) & Richard Zepp (EPA)	Elijah Petersen (NIST) & Will Boyes (EPA)	Mary Schubauer-Berigan (NIOSH) & Sara Brenner (CNSE)	13:05-14:00 Students and Postdoctoral Associates and <i>QEEN New Investigator Award Winner by Chuck Geraci</i>
13:05-13:25	Speaker 1	Jonathan Thornburg (RTI International)	Chris Knightes (EPA)	Kim Rogers (EPA)	Mary Schubauer-Berigan (NIOSH)	
13:25-13:45	Speaker 2	Phil Demokritou (Harvard School of Public Health)	Steve Diamond (NanoSafe)	Monique Johnson (NIST)	Sara Brenner (SUNY Albany)	
13:45-14:05	Speaker 3	Phoebe Stapleton (WVU School of Medicine)	Greg Noonan (FDA)	Anil Patri (FDA)	Adam Friedman (Einstein College of Medicine)	
14:05-14:25	Speaker 4	Vincent Castranova (WVU School of Pharmacy)	Howard Fairbrother (Johns Hopkins University)	Robert Mercer (NIOSH)	Speaker Panel	14:10-15:10 Students and Postdoctoral Associates
14:25-14:35	<i>Break</i>					
14:35-15:05	Panels	Speaker Panel	Speaker Panel	Speaker Panel		
15:05-15:15	<i>Break</i>					
15:15-16:45	Concurrent Sessions Roundtable	Comparison of exposure assessment in various media: Bridging exposure science with toxicology (Rosslyn Ballroom)				

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http://nano.gov/sites/default/files/pub_resource/qeen_workshop_draft_agenda.pdf