

*Coastal Response Research Center Workshop
"Polycyclic Aromatic Hydrocarbon Toxicity Summit"*

August 15-16, 2006
Seattle, WA
Talaris Conference Center

Monday, August 14, 2006 Arrival and Check In Talaris Conference Center

Tuesday, August 15, 2006

8:00 am	Continental Breakfast	
8:30 am	Welcome & Attendee Introductions	<i>Amy Merten, CRRC/NOAA</i>
8:45 am	Background and Goals of Summit	<i>Amy Merten, CRRC/NOAA</i>
9:00 am	Conceptual Example: How NOAA uses existing complex data to interpret and predict impacts to natural resources from oil spills	<i>Alan Mearns, NOAA/ORR</i>
	New Methods for Assessing PAH Exposure and Effects I	
9:45 am	Exposure regimes for assessing dispersant and dispersed oil effects on <i>Cnidarian</i> spp.: Challenges and Advancements	<i>Carys Mitchelmore, UMD/CBL</i>
10:45 am	Break	
11:00 am	Compound-specific toxicities and new tools for elucidating multiple mechanisms using a model species, <i>Danio rerio</i>	<i>John Incardona, NOAA/NWFSC</i>
12:00 pm	Lunch	
	New Methods for Assessing PAH Exposure and Effects II	
1:00 pm	Acute and Chronic Effects of Crude and Dispersed Oil on Chinook Salmon Smolts – use of metabolomic endpoints	<i>Ron Tjeerdema, UC Davis</i> <i>Ching-Yu Lin, UC Davis</i>
2:00 pm	Integrating multiple endpoints for understanding individual and population effects on sensitive species	<i>Carys Mitchelmore, CBL/UMD</i>
3:00 pm	Break	
3:00 – 4:30 pm	Synthesis: Translating research into applications -methods -products -strategies	ALL

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5:00 –
8:00 pm

Group Dinner – BBQ Buffet

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Wednesday, August 16, 2006

8:00 am	Continental Breakfast	
	Modeling Effects of PAHs - Ecotoxicology	
8:30 am	PAH Ecotoxicology – Example study: Correlating fish growth to dietary exposures of mixtures	<i>Jim Meador, NWFSC</i>
9:30 am	Oil in the environment; development of new study tools	<i>Mark Carls, NWFSC</i>
10:15	Impacts of Low Levels of Residual Oils on Toxicity Assessment of Oil Spills: Equilibrium Approach	<i>Joy McGrath, HydroQual, Inc.</i>
11:15	Break	
11:30	Survival time models quantitatively predict lethal effects to grass shrimp: Pulsed and different duration exposures to single PAH and PAH mixtures from spilt oil: Toxicokinetic approach	<i>Michael Unger, VIMS</i>
12:30 – 1:30 pm	Lunch	
1:30	Utility of Meiobenthos for Risk Assessment of Low-Level Crude Oil WAFs: Rapid Copepod-Based Approaches for Evaluating Reproductive and Population-Level Toxicity: Population Approach	<i>Tom Chandler, USC</i>
2:30	Break	
2:45 pm – 4:45	Synthesis: Translating research into applications -methods -products -strategies	<i>ALL</i>
	Have the collective projects filled previously identified gaps? Which ones? Further research needs Further steps – synthesis report, develop a chapter or manuscript?	
~ 6:00	Casual Social Dinner	<i>Jim & Susan Meador's House</i>