

OHHI ALL PIs Presentation Schedule: October 22 - 23, 2007

Monday October 22, 2007

Goal 1: Early Warning Systems - Beach Management and Drinking Water Safety (Embassy Ballroom - Section 1)

Time	Program Element	Lead PI/Institution	Title
		*Different Speaker (For Complete List of PIs see Project Summaries)	
10:40	Grants 04	Jay Grimes, University of Southern Mississippi	The Use of Remote Sensing and Molecular Detection to Predict the Risk of Infection by Vibrio Parahaemolyticus
11:00	COE at HML	Jill Stewart, NOAA HML and Center for Coastal Environmental Health and Biomolecular Research (CCEHBR)	Update on Pathogen Source Tracking Research at the Hollings Marine Laboratory
11:20	Grants 04	Mercedes Pascual, University of Michigan * Ben Cash, COLA	Predictability of Endemic Cholera: The Role of the Oceans and Disease Dynamics
11:40	COE at HML	Kelly Goodwin, NOAA Atmospheric Oceanographic and Meteorological Laboratory (AOML)	Update on Tools and Technologies for Detection of Microbial Contaminants in Coastal Waters
LUNCH BREAK 12:00 - 1:00 PM			
1:20	CEGLHH	Tom Croley, NOAA-GLERL	Distributed Hydrologic Modeling for Great Lakes Beach Closing Forecasts
1:40	Scholar	Phillip Roberts, Georgia Institute of Technology	Dynamics and Modeling of Lake River Plumes
2:00	Grants 05	Sandra McLellan, University of Wisconsin, Great Lakes Water Institute	Predicting Pathogen Fate in the Great Lakes Coastal Environment
2:20	CEGLHH	David Schwab, NOAA-GLERL	Predicting the Fate of Tributary Discharges into Coastal Waters
2:40	CEGLHH	Walter Frick, EPA	Virtual Beach, A Tool Available for Multi-variable Linear Regression Modeling
3:00	CEGLHH	Phanikumar Mantha, MSU	Suspended Sediment and Pathogen Transport in the Grand River Watershed: Implications for Near-shore Transport Modeling
3:20	CEGLHH	Chansheng He, Western Michigan University	Estimating Spatial Distributions of Nonpoint Source Pollution Loadings by Using the Distributed Large Basin Runoff Model

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Coffee Break 3:40 - 4:00 PM

4:00	CEGLHH	Richard Stumpf NOAA-NOS Beaufort Lab *Tim Wynne	Use of Remote Sensing within an Early Warning and Forecasting System for Microcystis Blooms in the Great Lakes
4:20	Grants 04	Alexandria Boehm, Stanford University	Predicting Health Threats from Environmental Conditions: Fecal Pollution, Vibrio cholerae, and Harmful Algae
4:40	WCCOHH	Kathi Lefebvre, NOAA NWFS	Climate Impacts, Ocean Observing Systems, and Harmful Algal Blooms

POSTER SESSION AND RECEPTION 6:00 - 8:30 PM

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Goal 1: Early Warning Systems - Sentinel Species/Habitats (Embassy Ballroom – Section 2)

10:40	WCCOHH	Frances Gulland, Marine Mammal Center	Marine Mammals as Sentinels: Lessons learned and future directions
11:00	Grants 04	Sylvain De Guise, University of Connecticut	The Impact of Different Cases of PCBs on Marine Mammal and Human Health: A New Assessment of Immunotoxicity.
11:20	Grants 05	Michael Moore, Woods Hole Oceanographic Institution	Zoonoses in Gulf of Maine Sentinel Marine Vertebrates: Vectors or Victims?'
11:40	Grants 04	Lawrence J. Dunn, Mystic Aquarium & Institute for Exploration * Cara Field	Marine Origin Brucella: Its Potential for Adverse Impact on Marine Mammal and Human Health

LUNCH BREAK 12:00 - 1:00 PM

1:20	Grants 04	Frances M.D. Gulland, Marine Mammal Center	Sub-lethal Effects of Domoic Acid on California's Sea Lions, Sentinels of Ocean Changes that Affect Human Health
1:40	Grants 04	Peter Strutton, Oregon State University *Michelle Wood	Optical Tagging and Tracking of Water Masses for Prediction of Human Health Hazards
2:00	Grants 05	Evan Gallagher, University of Washington	Mechanistic Studies Provide Insight into the Occurrence of High Levels of PBDEs in Resident Chinook Salmon and the In Utero Human Health Risks Associated with Dietary Exposures During Pregnancy

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2:20	COE at HML	Karen Burnett, NOAA HML and College of Charleston	Multiple Stressor Research at the HML: Evaluating Complex Responses to Complex Environmental Changes
2:40	COE at HML	Robert W. Chapman, NOAA HML and South Carolina Department of Natural Resources (SCDNR)	Transcript Profiling of Sentinel Species in Sentinel Habitats: Dolphins and Oysters
3:00	COE at HML	Michael Fulton, NOAA HML and Center for Coastal Environmental Health and Biomolecular Research (CCEHBR)	Update on Emerging Contaminant Research at the NOAA Center of Excellence for Oceans and Human Health Research at the Hollings Marine Laboratory
3:20	COE at HML	Denise Sanger, NOAA HML and South Carolina Sea Grant Consortium (SCSGC)	Tidal Creeks as Sentinel Habitats for Evaluating the Impacts of Coastal Development: An Update

Coffee Break 3:40 - 4:00 PM

Goal 1: Early Warning Systems - Seafood Safety (Embassy Ballroom - Section 2)

4:00	Grants 04	Erin Lipp, University of Georgia	Human Pathogens in Shellfish Harvesting Waters: Relating Climate, Water Quality and Disease Outcomes
4:20	Grants 04	David B. Senn, Harvard School of Public Health *James P Shine	Mercury Dynamics in the Gulf of Mexico: Biogeochemistry, Trophic Transfer, and Human Exposure
4:40	Grants 04	Ramunas Stepanauskas, Bigelow Laboratory for Ocean Sciences	Antibiotic Resistance in Coastal Vibrio and E. coli: Potential Role of Indirect Selection?

POSTER SESSION AND RECEPTION 6:00 - 8:30 PM

Tuesday, October 23

Goal 1: Early Warning Systems - Beach Management and Drinking Water Safety & Seafood Safety (Embassy Ballroom - Section 1)

8:00	CEGLHH	Joan Rose, Michigan State University	Estimating Impacts of Combined Sewer Overflows relating to the protozoan parasite Cryptosporidium
8:20	Grants 05	Steven Wilhelm, University of Tennessee, Knoxville *Greg Boyer, State University of New York - ESF	Cyanobacteria Toxins in the Lower Great Lakes

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8:40	Grants 05	Don Anderson, Woods Hole Oceanographic Institution *Deana L. Erdner (WHOI)	<i>Pseudo-nitzschia</i> : Emerging Hab Threat in the Gulf of Maine
9:00	Grants 05	Jerome Naar, University of North Carolina Wilmington * Leanne Flewelling	Brevetoxin Accumulation in Fish and Potential Human Health Impacts
9:20	CEGLHH	Juli Dyble, NOAA-GLERL	Is the Consumption of Fish from Lakes with High Microcystin Concentrations a Risk to Human Health?
9:40	Scholar	Rita Colwell, University of Maryland and John Hopkins University	TBD

End of Session for Goal 1 - Early Warning Systems

Coffee Break 10:00 - 10:20 AM

Tuesday, October 23

Goal 2: Benefits from the Sea (Embassy Ballroom – Section 2)

8:00 OHHI Paul Sandifer - NOS, OHHI Overview of GOAL 2

Goal 2: Benefits from the Sea - Natural Products and Pharmaceuticals (Embassy Ballroom – Section 2)

8:20 Grants 04 Robert R. Bidigare, University of Hawaii Lead Compounds from Marine Bacteria

8:40 Grants 04 David C. Rowley, University of Rhode Island *David Smith Sampling Diverse Sedimentary Environments for Novel Microbial Resources

9:00 Grants 04 Guangyi Wang, University of Hawaii at Manoa Exploration of Biodiversity and Pharmaceutical Potential of Marine Fungi in Hawaii

Goal 2: Benefits from the Sea - Biomedical Models (Embassy Ballroom – Section 2)

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9:20 Grants 05 Cathy Walsh, Mote Marine Laboratory Effects of Brevetoxins on Human Immune Cells

9:40 Traineeship Cheryl Cross, University Corporation for Atmospheric Research & University of Tennessee COX-2 Upregulation in a Rodent Model of Domoic Acid Toxicity

Coffee Break 10:00 - 10:20 AM

10:20 WCCOHH John Incardona, NOAA - NWFSC A Small Fish in a Big Pond: The Power of the Zebrafish Model for Oceans and Human Health research

Goal 2: Benefits from the Sea - Seafood Quality (Embassy Ballroom – Section 2)

10:40 WCCOHH Tracy Collier, NOAA-NWFSC The Seafood Dilemma – A Way Forward

11:00 WCCOHH Mark Strom, NOAA - NWFSC Safer Shellfish: Reducing the *Vibrio* Risks

11:20 COE at HML John W. Leffler, NOAA HML and South Carolina Department of Natural Resources (SCDNR) Seafood Benefits and Risks: Exploring the Balance between Beneficial Fatty Acids and Chemical Contaminants to Enhance Seafood Quality through Improved Aquaculture Technologies.

ALL PARTICIPANTS RETURN TO PLENARY (Embassy Ballroom – Section 1) - See Agenda
