



Joint Annual Meeting of the
**NSF/NIEHS Oceans and Human Health Centers
and the NOAA Oceans and Human Health Initiative**

April 16 - 18, 2008
Hilton Waikiki Prince Kuhio, 2500 Kuhio Avenue

Hosted by the Pacific Research Center for Marine Biomedicine, University of Hawaii

AGENDA

[\[Floor\] Room](#)

WEDNESDAY, APRIL 16, 2008

7:30 AM - 8:00 AM - Continental Breakfast

[\[3\] Prince Jonah](#)

Morning Plenary Session:

[\[3\] Prince Jonah](#)

8:00 AM - 8:15 AM - Welcome and Introductions - Edward Laws, Director, PRCMB
NSF: Donald Rice
NIEHS: Fred Tyson
NOAA: Paul Sandifer

8:15 AM - 8:30 AM - Focus of Meeting and Plans for Working Groups - Edward Laws

8:30 AM - 10:00 AM - Center Updates (10 minutes per Center)
[8:30-8:40] University of Hawaii, Pacific Research Center for Marine Biomedicine
(Edward Laws)

[8:40-8:50] University of Washington, Pacific Northwest Center for Human Health
and Ocean Sciences (Elaine Faustman)

[8:50-9:00] NOAA Northwest Fisheries Science Center, Seattle, WA
(John Stein)

[9:00-9:10] NOAA Great Lakes Environmental Research Laboratory,
Ann Arbor, MI (Stephen Brandt)

[9:10-9:20] University of Miami, Oceans and Human Health Center
(Lora Fleming and Sharon Smith)

[9:20-9:30] NOAA Hollings Marine Laboratory, Charleston, SC
(Fred Holland)

[9:30-9:40] Woods Hole Oceanographic Institute, Woods Hole Center for Oceans
and Human Health (John Stegeman and Dennis McGillicuddy)

10:00 AM - 10:15 AM - Coffee Break

10:15 AM - 11:15 AM - *Use of Bacteroides to detect human-specific fecal Bacteriophage* -
James Edward Ebdon, University of Brighton, UK
Huw David Taylor, University of Brighton, UK

11:15 AM - 11:30 AM - Coffee Break

WEDNESDAY, APRIL 16, 2008 (continued)

[Floor] Room

- 11:30 AM - 12:30 PM - *Problems associated with assaying for fecal pollution using conventional indicators and recent advances towards addressing them* - Alexandria "Ali" Boehm, Stanford University
- 12:30 PM - 1:30 PM - Lunch [4] Territorial I & II
- 1:30 PM - 1:45 PM - Plenary: Charge and plans for afternoon break-out groups [4] Territorial I & II
- 1:45 PM - 3:15 PM - Break-out Group 1: *Health effects associated with exposure to indigenous microorganisms and non-point pollution from land-based sources* [2] Kauai
Leader: Alexandria "Ali" Boehm, Stanford University
- Break-out Group 2: *Interpretation of Molecular Data* [4] Territorial III
Leader: Martin Polz, MIT and Mitchell Sogin, WHOI
- 3:15 PM - 4:00 PM - Plenary: Report of Groups [3] Prince Jonah
- 4:00 PM - 6:00 PM - Posters and Reception (No host cocktails) [3] Prince Jonah
- 6:00 PM - on - Dinner on own

THURSDAY, APRIL 17, 2008

- 7:30 AM - 8:00 AM - Continental Breakfast [3] Prince Jonah
- Morning Plenary Session: [3] Prince Jonah
- 8:00 AM - 9:30 AM - *Climate change and its implication* - Allen Dearry, NIEHS, Moderator
Kristie L. Ebi, ESS, LLC
Stephanie K. Moore, University of Washington
- 9:30 AM - 9:45 AM - Coffee Break
- 9:45 AM - 10:45 AM - *Antibody-based assays for toxins in fish and shellfish* - Clement E. Furlong, University of Washington
- 10:45 AM - 11:15 AM - *Sea Grant* - Terry Smith, Program Director for Fisheries
- 11:15 AM - 12:00 PM - *Outreach, Education, and Training* - Lora Fleming, University of Miami
- 12:00 PM - 1:00 PM - Lunch [4] Territorial I & II
- 1:00 PM - 1:15 PM - Plenary: Charge and plans for afternoon break-out groups [4] Territorial I & II
- 1:15 PM - 2:45 PM - Break-out Group 3: *Epidemiology and Quantitative Microbial Risk Assessment* [4] Territorial III
Leader: Elaine Faustman, University of Washington
- Break-out Group 4: *Education and Training* [2] Kauai
Leader: D. Jay Grimes, University of Southern Mississippi

THURSDAY, APRIL 17, 2008 (continued)

2:45 PM - 4:15 PM Break-out Group 5: *Outreach and Communications*
Leader: Sonia Joseph, Michigan Sea Grant/NOAA GERL

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[2] Kauai

Break-out Group 6: *Collaborations among Centers*
Leader: Juli Trtanj, NOAA

[4] Territorial III

4:15 PM - 5:00 PM - Plenary: Report of Groups

[3] Prince Jonah

5:00 PM - 6:30 PM - Posters and Reception (No-Host Cocktails)

[3] Prince Jonah

6:30 PM - - Conference Dinner

[4] Territorial I & II

FRIDAY, APRIL 18, 2008

7:30 AM - 8:00 AM - Continental Breakfast

[3] Prince Jonah

Morning Plenary Session:

[3] Prince Jonah

8:00 AM - 9:30 AM - *Integrated Ocean Observing Systems (IOOS)*
Eileen L. Shea, NOAA, National Climatic Data Center
Lorraine C. Backer, CDC National Center for Environmental Health

9:30 AM - 9:45 AM - Charge and plans for break-out groups

9:45 AM - 11:45 AM - Plenary Discussion: *New areas of Oceans and Human Health*
Leader: Fred Holland, Hollings Marine Laboratory

11:45 AM - 12:00 PM - Summary of meeting and future activities - Edward Laws

12:00 PM - - Adjourn. Lunch and depart.

[4] Territorial I & II