

Final Agenda

**2nd Annual Oceans & Human Health Center Science Symposium
Rosenstiel School of Marine & Atmospheric Sciences (RSMAS) Auditorium
University of Miami
Miami, FL**

Wednesday, January 18, 2006

7:45 a.m. **-DR. FLEMING WILL SHUTTLE OHH EAC MEMBERS FROM THE DOUBLETREE HOTEL TO RSMAS/OR EAC MEMBERS BRING THEIR OWN CAR-**

8:15 a.m.-8:45 a.m. **-BREAKFAST & REGISTRATION at AUDITORIUM & BREEZEWAY-**

8:45 a.m.-9:15 a.m. Introductions and Overview

Welcome (Otis Brown, Dean Rosenstiel School)

Overview of the NSF NIEHS Oceans & Human Health Center at Rosenstiel School Overview (Lora Fleming & Sharon Smith)

9:15 a.m.-11:45 p.m. Morning: OHH Center Research Project Reports

Harmful Algal Blooms (HABs) & Microbes Speakers Progress Reports: (20 minute talk with 10 minutes for Q&A)

9:15 a.m.-9:45 a.m. Helena Solo-Gabriele and John Wang "Recreational Microbes" (OHH)

9:45 a.m.-10:15 a.m. Douglas Crawford and Gary Hitchcock "HAB Genomics" (OHH)

10:15 a.m.-10:45 a.m. Larry Brand and Kelly Rein "Toxic HABs" (OHH)

10:45 a.m.-11:15 a.m. **-BREAK-**

OHH Facility Core Speakers-Progress Reports: (10 minute talk with 10 minutes for Q&A)

11:15 a.m.-11:35 a.m. HABs Core- Kelly Rein (OHH-FIU)

11:35 a.m.-11:55 a.m. Genomic Core- Douglas Crawford (OHH)

11:55 a.m.-12:15 p.m. Jack Fell "Luminex Technology" (OHH)

12:15 p.m.-1:15 p.m.

-LUNCH at RSMAS AUDITORIUM & BREEZEWAY-

Invited Guest Speaker (30 minute talk with 15 minutes for Q&A) and OHH Grad Students & Post-Docs Speakers (15 minute talk with 5 minutes for Q&A):

1:15 p.m.-2:00 p.m.

Invited Guest Speaker- Dr. Amy Wright of Harbor Branch Oceanographic Institution-“Drugs from the Deep: Exploring Deep-Water Habitats for New Medicines”

2:00 p.m.-2:30 p.m.

“OHH Katrina Response”: Shibata Tomoyuki, Chris Sinigalliano, Helena Solo Gabriele (OHH)

2:30 p.m.-3:00 p.m.

OHH REU Students: Mary E. Wright (Durbin), Amir Abdelzaher "Pathogen Concentration at Hobie Beach, Miami"

3:00 p.m.-3:20 p.m.

-BREAK-

3:20 p.m.-3:40 p.m.

OHH NIEHS Minority Supplement Student/Post Doc. Richard Snyder (OHH-FIU)

3:40 p.m.-4:00 p.m.

OHH Post-Doc Tim McLean (RSMAS) “Towards a Genetic Understanding of *Karenia brevis*: Using Microarrays to Discover Gene Expression Patterns as they Relate to *K. brevis* Ecology”

4:00 p.m.-4:20 p.m.

Assistant Scientist Michael J. La Gier, PhD (CIMAS, UM Joint with NOAA) “Electrochemical Biosensors to Monitor Coastal Waters for Biological Threats to Human Health”

4:20 p.m.-4:40 p.m.

Post Doc Josefina Olascoaga (RSMAS) “Is the West Florida Shelf's “forbidden zone” a trap for *K. brevis*/?”

4:40 p.m.-6:00 p.m.

-DR. FLEMING WILL SHUTTLE OHH EAC MEMBERS BACK TO DOUBLETREE HOTEL OR EAC MEMBERS BRING THEIR OWN CARS-

6:00 p.m.

-EAC FREE TIME-