

Symposium on Public Health Implications of Harmful Algal Blooms (HABs) in Florida: Accomplishments and Challenges

September 28, 29 2006

**Marie Selby Botanical Gardens
Sarasota, Florida**

Sponsored by

**Sarasota County Health Department
Florida Department of Health
Sarasota, Florida**

**Aquatic Toxins Program
Division of Environmental Health
Florida Department of Health
Tallahassee, Florida**

and

**National Center for Environmental Health
US Centers for Disease Control and Prevention
Atlanta, Georgia**



Activities funded under
CDC Grant #U50-CCU423360-01
Expanding Existing Surveillance Systems
to Include Pfiesteria, Other Harmful Algal Blooms and Marine Toxins
in Florida

Symposium on Public Health Implications of Harmful Algal Blooms (HABs) in Florida: Accomplishments and Challenges

This symposium will bring together scientists and health officials from a variety of government and scientific institutions and interested citizens to discuss the current knowledge on Harmful Algal Blooms with special emphasis on their public health significance.

Objectives include:

1. Increase understanding of public health consequences of Harmful Algal Blooms in Florida;
2. Identification of public health research on HABs;
3. Recognition of coordination activities between federal, state and local agencies;
4. Determine future research and coordination needs.

When: September 28, 29 2006

Where: The symposium will be held at Selby Gardens, in Sarasota County, Florida. Marie Selby Botanical Gardens is a recognized world leader in the research, identification, conservation and display of epiphytes, especially orchids and bromeliads, and their canopy ecosystems.

Directions: From Interstate 75, take Exit 210 (Fruitville Road) formerly Exit 39 and go west about 7 miles all the way to the end; turn left onto U.S. 41; through three sets of traffic lights; slow down and get in the right lane; take the first right on Palm Avenue just after the large curve. The entrance to the Gardens is at the end of the block on the right; parking is across from the entrance.

If coming over the Skyway Bridge on I-275, follow the signs to I-75 and proceed as instructed above.

For information about Selby, please use the following link: <http://www.selby.org>

Please RSVP by September 11, 2006 to Kim Watford at (850) 245-4444, ext. 2491, or kim_watford@doh.state.fl.us if you would like to be included in the lunch order and to reserve a symposium workbook.

The following hotel will provide accommodations for the symposium:

Hyatt Sarasota

1000 Blvd. Of The Arts,
Sarasota, Florida, USA 34236
Tel: 941 953 1234 Fax: 941 952 1987
<http://sarasota.hyatt.com/hyatt/hotels/index.jsp>

GUEST ROOM RATES:

Single Occupancy:	\$ 99
Double Occupancy:	\$ 109
Triple Occupancy:	\$ 119
Quadruple Occupancy:	\$ 129

CUT-OFF DATE

The "cut-off date" is **9/8/2006**. Reservation requests received after the cut-off date will be based on availability at the Hotel's prevailing rates and will be credited to the Group's Guest Room Block.

Agenda

September 28, 2006

- 8:30 – 8:45 am **Introduction**
William Little, MBA, MPH
Administrator
Sarasota County Health Department
- 8:45 – 9:00 am **Local Government Perspectives on HABs**
Jon Thaxton
County Commissioner District 5
Sarasota County
- 9:00 – 9:20 am **Historical Perspectives on CDC / Florida Collaborations**
Lorrie Backer, MPH, PhD
Team Leader
National Center for Environmental Health
Centers for Disease Control and Prevention
- 9:20 – 9:40 am **State Health Department Perspectives on Aquatic Toxins in Florida:
Public Health Impacts**
Andrew Reich, MS, MSPH
Coordinator
Aquatic Toxins Program
Florida Department of Health
Tallahassee, Florida
- 9:40 - 10:15 am **Integrated Red Tide Research: Accomplishments, Current Status and
Public Health Significance: Collaborations and Resource Development**
Lora Fleming, MD PhD MPH MSc
Professor
Dept's of Epidemiology & Public Health and Marine Biology & Fisheries
University of Miami School of Medicine and Rosenstiel School of Marine and
Atmospheric Sciences
- 10:15 – 10:30 am Break
- 10:30 - 11:00 am **Integrated Red Tide Research: Accomplishments, Current Status and
Public Health Significance: Emergency Room, Follow Up Studies and
Outreach**
Barbara Kirkpatrick, RRT, EdD
Senior Scientist and Manager
Environmental Health Program,
Mote Marine Laboratory
Sarasota, Florida
- 11:00 – 11:30 am **Environmental Monitoring for Florida Red Tide: Water, Waves and Air**
Richard Pierce, PhD
Senior Scientist and Director
Center for Ecotoxicology
Mote Marine Laboratory
Sarasota, Florida

- 11:30 – 12:00 **Inhalation Exposures to Florida Red Tide Toxins and Blue Green Algae Toxins**
Yung Sung Cheng, PhD
Director
Aerosol & Respiratory Dosimetry Program
Lovelace Respiratory Research Institute
Albuquerque, New Mexico
- 12:00 - 1:30 pm Lunch
- 1:30 – 2:00 pm **Red Tide Toxin Accumulation in Fish**
Leanne Flewelling, MS
Research Scientist
Florida Fish and Wildlife Conservation Commission Research Institute
St. Petersburg, Florida
- 2:00 – 2:30 pm **Placental Transport of Red Tide Toxins in Rodents: Public Health Implications**
Janet Benson, PhD, DABT
Senior Scientist
Lovelace Respiratory Research Institute
Albuquerque, New Mexico
- 2:30 – 3:00 pm **Saxitoxin Fish Poisoning: Emerging Science for Public Health**
Jan Landsberg, PhD
Research Scientist
Florida Fish and Wildlife Conservation Commission Research Institute
St. Petersburg, Florida
- 3:00 – 3:30 pm **Epidemiology and Clinical Perspectives on Ciguatera Fish Poisoning**
Lora Fleming, MD PhD MPH MSc
- 3:30 - 3:45 pm **Break**
- 3:45 – 4:15 pm **Cyanobacteria Assessment of Freshwater Systems in Florida**
Chris Williams, PhD
President
GreenWater Laboratories/CyanoLab
Palatka, Florida
- 4:15 – 5:00 pm **Blue Green Algae Toxins in Florida Springs**
Cheryl Miller, MS
Research Scientist
Post, Buckley, Shue, and Jernigan
Jacksonville, Florida
- 5:00 pm Adjourn

September 29, 2006

- 8:30 – 9:00 am **Florida Poison Information Center: Marine and Fresh Water Toxins Hotline**
Richard S. Weisman, PharmD, DABAT, FAACT
Director, Florida Poison Center – Miami
University of Miami School of Medicine
- 9:00 – 9:15 am **Harmful Algal Blooms and Public Health: Role of the Florida Department of Health**
M. Rony Francois, MD, MSPH, PhD
Secretary
Florida Department of Health
- 9:15 – 10:00 am **Development and Implementation of Community-Based Public Health Response Plans**
Andrew Reich, MS, MSPH
- 10:30 – 11:00 am **It's Not Over Until the ... ! Activities in Year 4 (aka 3B)**
Andrew Reich, MS, MSPH
- 11:00 – 12:00 noon **What's Next: HABs in Florida's Future Possible Future Initiatives for HAB Research in Florida**
Group Discussion
- 12:00 noon **Adjourn**
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