

Department of Public Health Sciences

GRAND ROUNDS

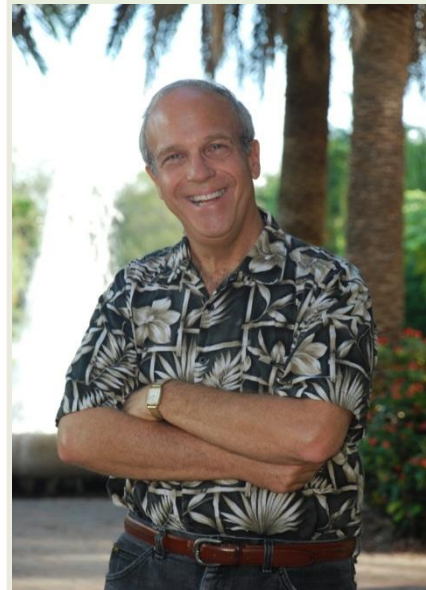
“Biometeorology: Some Climate/Health Applications and Climate Change Implications”

Biometeorology is an interdisciplinary science that studies the impact of weather and climate upon all living organisms.

The goal of this presentation is to discuss some of the science behind our weather/human health work, how we interact with communities to help improve well-being, and how climate change might complicate the issue later in the century.

As “synoptic climatologists”, Dr. Kalkstein and his team evaluate the impact of weather situations, rather than individual variables like temperature and humidity, on human activity. They have developed a means to identify the “air mass” that is present over any area in the U.S. on any given day. They discovered that certain “offensive air masses” commonly lead to negative health outcomes in many communities. Based on this, they have developed “heat health warning systems” for many large urban areas around the world.

Dr. Kalkstein will close with an in depth discussion on what might happen to health outcomes if the climate change problem persists. He will also shed light on how the EPA, Health and Human Services, and local agencies, are trying to help improve the situation.



**Dr. Larry Kalkstein
Ph.D**

Professor and
Bioclimatologist at the
University of Miami

**August 21 , 2013
11:45-12:45 pm**

**Clinical Research
Building
Conference Room 989
1120 NW 14th Street
Miami, FL 33136**

For more information, contact Lenise Bennett
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