



**CDC's Public Health Grand Rounds Presents:  
"Climate Change and Health – From Science to Practice"**

Tuesday, December 16, 2014

1:00 p.m. – 2:00 p.m., EST

Global Communications Center (Building 19)

Alexander D. Langmuir Auditorium

Roybal Campus

Changes occurring in the world's climate pose significant threats to human health and wellbeing and will have even greater impacts in the future. These threats are wide-ranging, including decreased air quality and increases in extreme weather events, wildfire, and illnesses transmitted by water, and disease-carriers, such as mosquitoes and ticks. Although scientific understanding of the effects of climate change is still emerging, there is considerable evidence to support preparing for potential health risks.

Studies have shown that adverse climate events are increasing in both intensity and frequency, contributing to rising rates of illness as well as mortality. Elevated temperatures in the 2003 European heat wave resulted in over 30,000 confirmed heat-related deaths & 70,000 excess deaths from all causes. Flooding has caused billions of dollars of damage and significant loss of life. The populations most vulnerable—children, elderly people, those living in poverty, people living in certain geographic areas and people with underlying health conditions—are at even greater health risk from climate change.

Planning for climate change provides opportunities to protect human health and well-being across many sectors. Early public health action is essential to ensuring that systems are in place to protect people from the impacts of climate change. As the nation's public health agency, CDC is using its prevention expertise to help states and cities investigate, prepare for, and respond to the health effects of climate change.

This session of Grand Rounds will explore the wide-ranging health impact of our changing climate and discuss some of the strategies, programs and partnerships currently being used to confront the challenges associated with global climate change.

**Presented By:**

**George Luber, PhD**

*Associate Director for Climate Change, Division of Environmental Hazards and Health Effects  
National Center for Environmental Health, CDC*

**"Assessing Changes in Climate and Health" and "Building Resiliency for Climate Change:  
Helping States and Cities Respond"**

**Kim Knowlton, DrPH**

*Assistant Clinical Professor of Environmental Health Sciences, Mailman School of Public Health, Columbia University*

*Senior Scientist and Co-Deputy Director, Health and Environment Program, Natural Resources Defense Council*

**“Climate Change Effects on Health: A Multifaceted Problem”**

**C. Ben Beard, PhD**

*Associate Director for Climate Change, Division of Vector-Borne Diseases*

*Chief, Bacterial Diseases Branch*

*National Center for Emerging and Zoonotic Infectious Diseases, CDC*

**“How Climate Influences the Infectious Disease Landscape”**

**Facilitated By:**

**John Iskander, MD, MPH, Scientific Director, Public Health Grand Rounds**

**Phoebe Thorpe, MD, MPH, Deputy Scientific Director, Public Health Grand Rounds**

**Susan Laird, MSN, RN, Communications Director, Public Health Grand Rounds**

**Continuing Education for Grand Rounds**

ALL Continuing Education hours for Public Health Grand Rounds (PHGR) are issued online through the [CDC/ATSDR Training and Continuing Education Online system](#). If you have questions, [e-mail](#) or call Learner Support at 1-800-418-7246 (1-800-41TRAIN).

Those who attend PHGR either in person, Envision, IPTV, or “web on demand” and who wish to receive continuing education must complete the online seminar evaluation. Thirty days from the initial seminar the course number will change to WD2346 and will be available for continuing education until February 18, 2016. The course code for PHGR is **PHGR10**.

Target Audience: Physicians, nurses, epidemiologists, pharmacists, veterinarians, certified health education specialists, laboratorians, others

**Objectives:**

1. List key measures of burden of disease involving morbidity, mortality, and/or cost.
2. Describe evidence-based preventive interventions and the status of their implementations.
3. Identify one key prevention science research gap.
4. Name one key indicator by which progress and meeting prevention goals is measured.

CE certificates can be printed from your computer immediately upon completion of your online evaluation. A cumulative transcript of all CDC/ATSDR CE’s obtained through the TCE Online System will be maintained for each user. We hope that this will assist CDC staff and other public health professionals to fulfill the requirements for their professional licenses and certificates.

**For Continuing Medical Education for Physicians (CME):**

The Centers for Disease Control and Prevention is accredited by the Accreditation Council for Continuing Medical Education (ACCME®) to provide continuing medical education for physicians.

The Centers for Disease Control and Prevention designates this live activity for a maximum of 1.0 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**For Continuing Nursing Education for Nurses (CNE):**

The Centers for Disease Control and Prevention is accredited as a provider of Continuing Nursing Education by the American Nurses Credentialing Center's Commission on Accreditation.

This activity provides 1.0 contact hours.

**For Continuing Education Contact Hours in Health Education (CECH):**

Sponsored by the *Centers for Disease Control and Prevention*, a designated provider of continuing education contact hours (CECH) in health education by the National Commission for Health Education Credentialing, Inc. This program is designated for Certified Health Education Specialists (CHES) to receive up to **1.0** Category I CECH in health education. CDC provider number **GA0082**.

**IACET Continuing Education Units (CEU):**

The CDC has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 1760 Old Meadow Road, Suite 500, McLean, VA 22102. The CDC is authorized by IACET to offer **0.1** ANSI/IACET CEU's for this program.

**For Continuing Pharmacy Education (CPE):**



(For EV2346 (SC) - live course)

The Centers for Disease Control and Prevention is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This program is a designated event for pharmacists to receive 1.0 Contact Hours in pharmacy education. The Universal Activity Number is 0387-0000-14-152-L04-P.

(For WD2346 -Web on demand)

The Centers for Disease Control and Prevention is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This program is a designated event for pharmacists to receive 1.0 Contact Hours in pharmacy education. The Universal Activity Number is 0387-0000-14-152-H04-P.

Course Category: This activity has been designated as knowledge-based.

There is no cost for this program.

In compliance with continuing education requirements, all presenters must disclose any financial or other associations with the manufacturers of commercial products, suppliers of commercial services, or commercial supporters as well as any use of unlabeled product(s) or product(s) under investigational use. CDC, our planners, and the presenters for this seminar do not have financial or other associations with the manufacturers of commercial products, suppliers of commercial services, or commercial supporters. This presentation does not involve the unlabeled use of a product or product under investigational use. CDC does not accept commercial support.