



**CDC's Public Health Grand Rounds Presents:  
"E-cigarettes: An Emerging Public Health Challenge"**

Tuesday, October 20, 2015

1:00 p.m. – 2:00 p.m., EDT

Global Communications Center (Building 19)

Alexander D. Langmuir Auditorium

Roybal Campus

Electronic cigarettes, or e-cigarettes, are an emerging challenge for public health. These devices are part of a growing landscape of electronic nicotine delivery systems (ENDS) that includes many different types of products, such as vape pens and e-hookahs. Despite differences in appearance, these devices are quite similar in function – they create an aerosol that can contain nicotine and other additives. Because the nicotine in these products is typically derived from tobacco, the Food and Drug Administration (FDA) has proposed to regulate e-cigarettes as tobacco products. However, these proposals have not yet been implemented, and electronic cigarettes remain unregulated at the federal level.

The potential long-term benefits and risks associated with e-cigarette use are not currently known. What is known is that nicotine exposure at a young age may cause lasting harm to brain development, promote nicotine addiction, and lead to sustained tobacco use – making any use of these products among U.S. youth a major concern. According to the National Youth Tobacco Survey, in 2011, 1 in 20 high school students reported ever using e-cigarettes and 1 in 50 high school students reported using an e-cigarette in past 30 days. Since 2011, use of e-cigarettes among U.S. middle and high school students has increased at an alarming rate. In the 2014 survey, over 1 in 4 U.S. high school students reported ever using e-cigarettes, and more than 1 in 8 had used an e-cigarette in the past 30 days. Given these rapid increases in use, implementing proven strategies that reduce the use of all tobacco products, including e-cigarettes, may prevent further harm among youth in the United States.

In this session of Grand Rounds, presenters explore the public health challenge of electronic cigarettes, including the surveillance and research gaps that must be addressed to assess the impact of e-cigarettes on the health of our nation.

**Presented By:**

**Brian King, PhD, MPH**

*Deputy Director for Research Translation*

Office on Smoking and Health

National Center for Chronic Disease Prevention and Health Promotion, CDC

**"Patterns of E-cigarette Use Among U.S. Adults and Youth"**

**Jonathan M. Samet, MD, MS**

*Distinguished Professor and Flora L. Thornton Chair*

Department of Preventive Medicine

Keck School of Medicine, University of Southern California

**"Health Consequences of Electronic Cigarettes"**

**John Wiesman, DrPH, MPH**

*Secretary of Health*

Washington State Department of Health

**“E-cigarettes in Washington State: On the Front Lines”**

**Matthew L. Myers**

*President*

Campaign for Tobacco-Free Kids

**“Attaining a Tobacco-Free Generation and the Emergence of E-cigarettes”**

**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 0387-0000-15-083-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 0387-0000-15-083-H04-P.

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

There is no cost for this program.

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