Agenda

• **Updates**
  – NACDD Updates & Announcements
  – Office on Smoking and Health: Year of Cessation

• **Chronic disease and climate change**
  – Dr. James Crooks, National Jewish Health
  – Dr. Clifford Mitchell and Allison Gost Breitenother, Environmental Health Bureau, Maryland Department of Health

• **Panel discussion**
  • Presenters with Susan Kansagra, Chronic Disease Director, North Carolina
Speakers

Jeanne Alongi  
Senior Consultant  
NACDD

Corinne Graffunder  
Director  
Office on Smoking and Health
Updates – CDD Forum

• New Chronic Disease Director Orientation
  – Recruitment in March
  – New CDDs or < 2 years in position

• Chronic Disease Prevention Leadership Meetings
  – May 15-16, September 10-11, October 22-23
  – alwilson@chronicdisease.org

• Regional Networks
  – More info soon on Quarter 2 calls
  – Quarter 1 calls complete
  – amartinez@chronicdisease.org
Updates – CDD Forum

• Journal Club
  – Next session: March 21, 3-3:30 pm EST
  – Third Thursday of each month, 3-3:30 pm EST
  – alwilson@chronicdisease.org

• Chronic Disease Academy
  – April 9 – 12 in Atlanta, GA
Regional Representatives Committee

Region A:
Julie Arel, Vermont

Region B:
Jessica Wright, West Virginia

Region C:
Ginie Daguise, South Carolina

Region D:
Sue Thomas-Cox, Kentucky

Region E:
Linda Scarpetta, Michigan

Region F:
Melissa Martin, Louisiana

Region G:
Ryan Lester, Kansas

Region H:
Laurie Schneider, Colorado

Region I:
Lola Irvin, California

Region J:
Pama Joyner, Washington
Public Health Leadership & Practice Team

Amanda Martinez
Abby Lowe-Wilson
Anya Karavanov
Tamara Engel
Jeanne Alongi
Julie Dudley

PHLP@ChronicDisease.org
WHY CESSATION MATTERS:

- Tobacco use is the leading cause of preventable disease, disability, and death in the United States.
- While quitting may be difficult for some, it is possible.
- Cessation is a key component of a comprehensive approach to prevent and reduce tobacco use.
- Cessation is one of four impact areas that serve as foundational pillars of CDC’s Office on Smoking and Health’s work.
OFFICE ON SMOKING AND HEALTH

Key Overarching Impact Areas

Prevent INITIATION of tobacco use among youth and young adults

Eliminate exposure to SECONDHAND SMOKE

Increase Successful CESSATION in adults and youth

Identify and eliminate tobacco-related DISPARITIES

PRINCIPLES: CLEAR, CONSISTENT, AND CONTEMPORARY

Tobacco in this work refers specifically to the use of manufactured, commercial tobacco products.
1. Increase quit attempts among people who use tobacco products.
2. Increase the use of evidence-based cessation interventions.
3. Increase reach of evidence-based cessation interventions.
2019: OSH’S YEAR OF CESSATION

Cessation matters, now as much as ever.

A changing environment demands innovation to expand and improve what we do to help people quit.

OSH’s Year of Cessation

- Identifies opportunities throughout 2019 to support and highlight cessation efforts.
- Aligns cessation-related projects and events with a quarterly focus that begins and ends with helping people quit.
2019: OSH’S YEAR OF CESSATION

**FOCUS:** People who smoke and quit attempts

**OPPORTUNITY:** New Year’s Resolutions

**Q1**

**FOCUS:** Health conditions improved by quitting; Health systems

**OPPORTUNITY:** Tips From Former Smokers® 2019 Launch

**Q2**

**FOCUS:** Quitlines; Cessation interventions; Linkage with broader tobacco control policies

**OPPORTUNITY:** National Conference on Tobacco or Health

**Q3**

**FOCUS:** Clinicians and real-world use of evidence-based cessation interventions

**OPPORTUNITIES:** Great American Smokeout; Pharmacy Month; Health Literacy Month

**Q4**
Speakers

James Crooks
Associate Professor
National Jewish Health

Clifford Mitchell
Director
Environmental Health Bureau
MD Department of Health

Allison Gost Breitenother
Program Manager
Maryland Climate Change Health Adaptation Program
MD Department of Health

Susan Kansagra
Chronic Disease and Injury Section Chief
NC Department of Health and Human Services
Climate Change and Chronic Disease

James L. Crooks, Ph.D., M.S.
Associate Professor, National Jewish Health
Clinical Assistant Professor, Colorado School of Public Health
An unprecedented global experiment is underway

CO₂ reconstruction from Lüthi et al. (2008)
Modern CO₂ measurements from NOAA
Temperature trend map from IPCC AR5 WG1 SPM
CO₂ concentrations for RCPs from van Vuuren et al. (2011)
Emissions trajectory graph from Global Carbon Project
Compiled by Kris Karnauskas (@OceansClimateCU)
Higher Temperatures

Rising CO₂ Concentrations

Diabetes

Primary Impacts

Secondary and Tertiary Impacts

Health Impacts

Extreme Weather & Natural Disasters

Infrastructure Damage & Population Displacement

Cause
Higher Temperature

Rising CO₂ Concentrations

Faster Plant Growth

Lower Nutrient Density

Obesity & Nutrition

Extreme Weather & Natural Disasters

Infrastructure Damage & Population Displacement

Cause

Primary Impacts

Secondary and Tertiary Impacts

Health Impacts
Higher Temperatures

Rising CO₂ Concentrations

Heart Disease & Stroke

Primary Impacts

Secondary and Tertiary Impacts

Health Impacts

Extreme Weather & Natural Disasters

Infrastructure Damage & Population Displacement
Higher Temperatures

Rising CO₂ Concentrations

Asthma, Allergy, & COPD

Primary Impacts

Secondary and Tertiary Impacts

Health Impacts

Extreme Weather & Natural Disasters

Infrastructure Damage & Population Displacement

Higher pollen counts & allergenicity

Shifting Growing Seasons

Higher Ground-Level Ozone
Do:
1) Acknowledge ambivalence.
2) Connect on common values.
3) Try to understand what issues people care deeply about, here and now.
4) Connect those issues to climate change – cause and effect.
5) Use stories steeped in human emotion but backed by facts.
6) Convey hope.

Don’t:
1) Use jargon or speak in abstractions.
2) List everything that could go wrong.
3) Talk about the distant future.
4) Assume people know what climate change is.
5) Be prescriptive about solutions.
6) Debate the scientific consensus.
7) Debate whether individual weather events are caused by climate change.
Resources

Background
- USGCRP 4th National Climate Assessment: https://nca2018.globalchange.gov/
- CDC Climate and Health Website: https://www.cdc.gov/climateandhealth/
- APHA website on climate change: https://www.apha.org/topics-and-issues/climate-change
- NOAA website on climate change: https://www.climate.gov/
- How do we know fossil fuel burning is responsible for higher temperatures? https://www.bloomberg.com/graphics/2015-whats-warming-the-world/

Tools
- U.S. Climate Resilient Toolkit: https://toolkit.climate.gov/tools
- NOAA sea level rise viewer: https://coast.noaa.gov/digitalcoast/tools/slr

Communication Guides
- CDC tools for climate health communication: https://epitracking.cdc.gov/showClimateChangeCommunicationTools.action
Integrating Climate Change and Chronic Disease in Maryland

Clifford S. Mitchell, MS, MD, MPH
Director, Environmental Health Bureau

Allison Gost Breitenother, MPH
Program Manager, MDH Climate Change Program
Un-Agenda

• What does climate change have to do with chronic disease?
• Should I care about climate change (as a chronic disease director)?
• So, maybe it’s NOT about climate change – but do we still have some things to talk about?
Who We Are

Secretary of Health

Deputy Secretary for Public Health Services

Environmental Health
- Asthma
- Cardiovascular Disease
- Health Equity
- Health in All Policies
- Data Presentation (Environmental Public Health Tracking)

Chronic Disease

Infectious Disease

Maternal and Child Health
Chronic Disease and Climate Change

• Obesity
  • Thinking through obesity management during Smart Growth planning decisions
  • Nutrition and diet in the context of climate change – impact of food production on climate

• Asthma

• Cardiovascular Health

• Communicating how management and risk factors may change under climate change conditions
Maryland Climate and Health Profile Report
April, 2016

Maryland Institute for Applied Environmental Health
University of Maryland School of Public Health
College Park

Prepared for the
Maryland Department of Health and Mental Hygiene

Bit.ly/MDCHPR

Source: Fisher et al. JESEE 2017

Source: Soneja et al. Env. Health 2016
Health in All Policies

• Can serve as a mechanism to integrate chronic disease and climate change

• One tool to advance this, Health Impact Assessment (HIA)

• Where might it happen?
  • Transportation Planning
  • Zoning, comprehensive and master planning
  • Hazard mitigation plans
Community Health Worker Climate Change Training

- Integration of climate change impacts into existing frameworks and daily activities with vulnerable populations
- Modules:
  - Global to local downscale of climate change
  - Maryland Climate and Health Profile Report
  - Emergency Preparedness
  - Chronic Disease Management
  - Healthy Homes
Contact information

MDH Climate Change and Health Program Page

Bit.ly/mdclimaterhealth

Clifford S. Mitchell - Cliff.mitchell@Maryland.gov
Allison Gost Breitenother - Allison.gostbreitenother@Maryland.gov
Additional resources

Communications and Workforce Development

- Conveying the Human Implications of Climate Change: A Climate Change Communication Primer for Public Health Professionals
- Association of Climate Change Officers (ACCO)
  - ACCO educational modules

CDC resources

- Adaptation in Action, Part II: Success Stories from CDC’s Climate and Health Program
- Climate-Ready States and Cities Initiative
No webinar in April due to the Chronic Disease Academy

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Next First Thursday webinar:
Coordination and alignment across opioids and chronic disease
May 2, 2019 | 3-4 pm EST