



# Climate and Health Education Summit

Day 1: Thursday, March 14th, 12:00pm-7:30pm

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|-----------------|--|
| 10:30am-12:00pm | <b>Registration Open, Room 176</b>   |
| 12:00pm-12:45pm | <b>Lunch, Room 176</b>   |
| 12:45pm-1:00pm  | <b>Cleveland Clinic Welcome, Room 176</b><br>Bill Peacock, Chief of Operations, Cleveland Clinic   |
| 1:00pm-1:30pm   | <b>Case Western Reserve University Welcome &amp; Lecture, Room 176</b><br><b>The Scientific Explanation for Climate Change</b><br>Joy Ward, Provost, Case Western Reserve University   |
| 1:30pm-2:00pm   | <b>Introduction to the Collaborative, Room 176</b><br>Ilyssa Gordon, MD, PhD<br>Bud Isaacson, MD   |
| 2:00pm-3:00pm   | <b>Education Plenary, Room 176</b><br>This plenary will include 2 medical students from the University Program and the Lerner College at CWRU School of Medicine and a Frances Payne Bolton School of Nursing faculty member with extensive experience in curriculum development and evaluation. The panelists will briefly share their experiences in developing and integrating climate change curriculum in health education, followed by a discussion on how to improve climate health education in regional academic health centers and health delivery systems.<br><br><b>Objectives:</b> <ol style="list-style-type: none"><li>1. Develop a critical understanding of climate change and its effects on health.</li><li>2. Identify opportunities to integrate climate health into a health education curriculum.</li><li>3. Discuss strategies for individuals to work as change agents in climate health education.</li></ol><br><b>Panelists:</b><br>Celeste M. Alfes<br>Janine Corley<br>James Sullivan<br>Karen B Mulloy - Moderator |
| 3:00pm-3:30pm   | <b>Break</b>   |

3:30pm-5:00pm

## Workshops

### Room 153A

#### **Development of Innovative Curriculum on Climate Change**

Karen B. Mulloy, DO, MSCH, Ilyssa O. Gordon, MD, PhD

**Description:** The workshop will introduce participants to several successful curricular strategies on climate health education for medical students.

### Room 153B

#### **Climate Change in Graduate Medical Education**

Matthew Kostura, MD FAAEM, Laura Schapiro, MD, MPH, Benjamin Miller, MD, Bud Isaacson, MD

**Description:** The workshop will present current education literature on climate change in the GME space, describe current examples of climate change curricula, brainstorm ways that we can better incorporate this topic into our own programs, collaborate in small groups on case based learning

### Room 199A

#### **Environmental Trailblazing in the Learning Space: Why outdoor-ischemia in the educational process is akin to ethical malpractice.**

Jefferson H. Jones

**Description:** You will engage in an evidence-based experience that is a wake-up call for and call-to-action to your peers and patients: Come face-to-face with the myths, truths, and realities addressing the importance of natural environments to their physiological health and socioeconomic well-being.

### Room 199B

#### **The Climate Pitch**

Taliesin (Ty) Haugh, Megan Yousef

**Description:** The Climate Pitch is a 4-part interactive workshop to support participants in building climate literacy and moving to action, based on IPCC science.

5:00pm-6:00pm

## Digital Posters, Room 181

#### **A Climate Change and Cooling-Informed Guide to City Tree Planting in Northeast Ohio**

Trina Pal, Ashwini Sehgal, MD

Case Western Reserve University, MetroHealth System

#### **From the Great Lakes to Global Waters: A Comprehensive Approach to the Emerging Challenge of Harmful Algal Blooms through Research, Education, Policy and Community Engagement**

David Kennedy, Steven T. Haller, Bindu Menon, Deepa Mukundan, Apurva Lad, Joan Duggan, Lance Dworkin  
University of Toledo College of Medicine and Life Sciences

#### **Climate Change and Its Health Effects: An Integrated Approach to Medical Student Curriculum**

Janine Corley, Karen B. Mulloy, DO, MSCH

Case Western Reserve University School of Medicine

#### **Training future surgeon leaders in environmental stewardship: a review of a decade of the health care sustainability fellowship**

Jenny Chang, Moustafa Moussally, MD, Mujtaba Mubashir, MD, Kimberly Woo MD, Matthew Walsh MD, Ilyssa O. Gordon, MD, PhD, Jon Utech MBA, Sofya Asfaw MD, Benjamin C Miller, MD  
Cleveland Clinic

#### **Promoting the Health Benefits of Urban Trees in Cleveland and the Great Lakes region**

Mike Piskur

Great Lakes St. Lawrence Governors & Premier

#### **Incorporating Environmental Health Education into Medical Education**

Katie Foug, Andrea McGowan, Melanie Stewart, Sahil Tolia, Amy Zhao.

University of Michigan Medical School

#### **Reducing Anesthetic Greenhouse Gas Emissions in the Operating Room: A Toolkit**

Armaan Patel, Nirav Shah, MD

University of Michigan Medical School

6:00pm-6:45pm

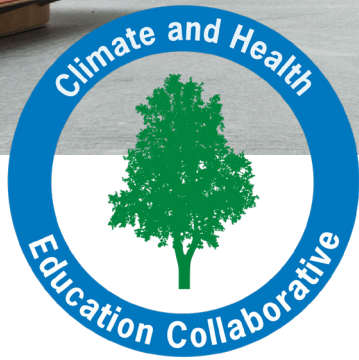
## Dinner, Winter Garden

6:45pm-7:30pm

## Closing Presentation, Room 176

### **The Intersection of Contemporary Art & Climate Change**

Megan Reich, Executive Director, moCa



# Climate and Health Education Summit

Day 2: Friday, March 15th, 7:45am-2:30pm

7:45am-8:30am

**Breakfast, Room 176**

8:30am-8:45am

**Welcome from the City of Cleveland, Room 176**

Sarah O'Keeffe, Director, Sustainability & Climate Justice

8:45am-9:45am

**Community Plenary, Room 176**

This plenary will include 3 talented educators with extensive experience developing programs to promote the health of communities by improving the environment in which community members live. The panelists will briefly share their experiences creating positive changes in the health of communities, followed by a discussion of opportunities to broaden climate health and community work.

**Objectives:**

1. List best practices to improve the health of communities in the face of climate change.
2. Identify educational priorities to mitigate the effects of climate change on communities.
3. Identify strategies for health professionals to partner with communities to improve health in the face of climate change.

**Panelists:**

Rich Cochran  
Kim Foreman  
Sheetal Rao  
Bud Isaacson - Moderator

9:45pm-10:00am

**Break**

10:00am-11:30am

**Workshops**

**Room 153A**

***Development of Innovative Curriculum on Climate Change***

Karen B. Mulloy, DO, MSCH, Ilyssa O. Gordon, MD, PhD

**Description:** The workshop will introduce participants to several successful curricular strategies on climate health education for medical students.

10:00am-11:30am

**Workshops Continued**

**Room 153B**

***Are Palm Trees on Lake Erie Good for Your Health?***

Dave Nash

**Description:** Stakeholders, including the medical community, can be viewed as rearranging deck chairs on the Titanic when it comes to addressing climate change. Viewing and acting on climate change through the lens of regenerative bioregions can change that dynamic. Why? Regenerative bioregional thinking is apolitical, scientific, rational, humanistic, ecologically sound, analytically, emotionally, and spiritually intelligent all at the same time.

**Room 163**

***“What We Do to Nature, We Do to Ourselves?”***

Tish O'Dell

**Description:** The workshop will have participants think about humans' place in nature and the interconnectedness of all life, both human and non-human, and how we need to consider these connections in our personal lives and as a culture. For example, we cannot create sustainable communities when our laws and policies make sustainability illegal. How can medical professionals create healthy humans in an unhealthy natural environment? Cultural shift has to begin with people's beliefs and values shifting and Rights of Nature is a good way to begin thinking about this shift. We will explore this concept in the workshop.

**Room 169**

***What Healthcare Professionals Need to Know About Environmental Racism***

Fareeda Naduvil

**Description:** To provide informed care to urban cities, healthcare professionals must know about redlining, its lasting effects on climate and health, and how healthcare institutions and workers can address these forms of environmental racism. Through facilitated discussions and data exploration, participants will engage in activities to develop skills in rhetorical analysis, database use, and addressing environmental racism in patient care.

11:30am-12:30pm

**Lunch, Room 176**

12:30pm-1:30pm

**Advocacy Plenary, Room 176**

This plenary will equip participants with the knowledge and skills needed to advocate effectively for addressing climate change's health impacts across various platforms, from local communities to national policy making arenas. Gain insights from experienced advocates to understand strategies for leveraging the health consequences of climate change to drive impactful change at all levels of society.

**Objectives:**

1. Understand the diverse range of advocacy actions available to address the health impacts of climate change, from grassroots efforts to political engagement.
2. Develop skills to effectively communicate a clear and compelling message about the intersection of climate and health to various stakeholders, including policymakers and the public.
3. Formulate a concept to initiate at least one advocacy opportunity focused on addressing climate and health issues within their communities or larger society.

**Panelists:**

Terri Scannell

Theo Sergakis

Alex Naegele

Jon Utech - Moderator

1:30pm-2:30pm

**Next Steps - Reflection and Vision Forward**

Bud Isaacson

Andrew Watterson