



10TH ANNUAL  
**EMPOWERING CAPABLE CLIMATE COMMUNICATORS**  
- CLIMATE AND HEALTH -  
**SYMPOSIUM**

The CLEO Institute, in partnership with The University of Miami's Miller School of Medicine, is pleased to host its 10th annual **Empowering Capable Climate Communicators Symposium** on Saturday, March 28th, from 9am - 5pm at the University of Miami Business School's Storer Auditorium.

Keynote Speaker:  
**Dr. Katharine Hayhoe**



**2019 UN  
Champion  
of the Earth**

Named by the United Nations as the *2019 Champion of the Earth*, Dr. Hayhoe is a world-renowned atmospheric scientist. She is a professor in the Department of Political Science, a director of the Climate Center, and an associate in the Public Health program of the Graduate School of Biomedical Sciences at Texas Tech University.

Dr. Hayhoe is a remarkable communicator who has received the American Geophysical Union's climate communication prize, the Stephen Schneider Climate Communication award, and has been named to a number of lists, including Time Magazine's 100 Most Influential People, Foreign Policy's 100 Leading Thinkers, and FORTUNE magazine's World's Greatest Leaders.

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# ABOUT US

Founded in 2010, The CLEO Institute (CLEO) is the only nonprofit, nonpartisan organization in Florida that is exclusively dedicated to climate education, advocacy, and engagement. The current climate impacts we are already experiencing with monster-like hurricanes and rising seas, as well as the shrinking timeframe predicted by recent scientific reports to mitigate worst-case scenarios, underscores the importance of CLEO's work. Building community resilience and adaptive capacity requires an informed, engaged, and prepared public.

We bring together scores of governmental, business, academic, and community leaders to advocate for long-term and inclusive solutions. We are confident that our top-down and bottom-up approach will help us reach our mission of a climate-educated and empowered community that understands the climate crisis is here now and advocates for solutions for a just-sustainable future.

## EMPOWERING CAPABLE CLIMATE COMMUNICATORS SYMPOSIUM



Since 2010, The CLEO Institute has been hosting its annual Empowering Capable Climate Communicators Symposium. We invite scientists, policy makers, and resilience and environmental experts to discuss the most current scientific data, how it relates to South Florida, and the solutions to mitigate climate change to ensure Florida has a resilient future.

This year, our symposium will be centered around a topic everyone cares about and needs to understand better: Climate and Health. Last year, it was our most-talked-about panel and breakout session. With climate change impacts getting worse, our community and our health practitioners need to be ready. Florida is the most vulnerable state to climate change impacts.

This is CLEO's largest educational lecture, with a projected attendance of 300 people. Attracting media coverage, live streaming, and a diverse audience that ranges from healthcare and business professionals to teachers and students, our symposium stands to be the most important climate and resilience symposium in South Florida for 2020.

# CONFERENCE SCHEDULE

8:30 – 9:00am **Registration**

9:00 – 9:15am **Opening Remarks**

9:15– 10:00am **Keynote from Dr. Katharine Hayhoe**

10:00–11:45am **Climate Impacts on Health:** Focus: Our Children’s Health and Climate

- *Climate change is the greatest threat facing our children. Our changing climate will increase the intensity of heat, floods, and severe weather events. Children are smaller and their immune systems are not as developed, making them more vulnerable to these health hazards. In addition to that, children and families living in areas of high poverty will be disproportionately affected.*

Breakout Session 10-12pm

11:45– 12:00pm **Hurricane Prep and Mindfulness Exercise**

12:00– 1:00pm **Vegan Lunch**

Breakout Session 12-2:30pm

1:00 – 2:45pm **Extreme Weather Impacts on Health:** Focus: The Disease Burden in The Aftermath of Extreme Weather Events

- *Florida is vulnerable to extreme flooding, and hurricanes, which not only destroy or disrupt infrastructure, but can worsen mental health, including stress and PTSD. In the aftermath of extreme weather events, people and families prioritize basic survival needs over their own health, intensifying social disparities. Climate change is also contributing to rising temperatures and extreme heat, which impact our communities and our food supplies.*

2:45 – 3:00pm Coffee Break

3:00–4:45pm **Policy and Advocacy to Mitigate the Effects on Health Because Of Our Changing Climate:**

Focus: Understanding What We Can Do as Individuals as Well as A Community

- *There are many solutions available to us from both a policy perspective as well as how we live our lives. The most efficient way to mitigate the climate crisis is by passing strong climate policies, such as carbon pricing and renewable energy. The economic investment into these policies is lower than the economic and health damages of inaction. Furthermore, it is important to understand the health and climate benefits of incorporating more plant-based meals into our diets.*

4:45– 5:00pm **Closing Remarks**



***“For public health, climate change is the defining issue for the 21st century.”***

- Margaret Chan, World Health Organization

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For more information, please contact  
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# THE EMPOWERING CAPABLE CLIMATE COMMUNICATORS SYMPOSIUM 2020 SPEAKERS

## CLIMATE IMPACTS ON HEALTH



Dr. Cheryl Holder  
**MODERATOR**  
Internist & Founder of Florida Clinicians for Climate Action



Dr. Jefry Biehler  
Chair of Pediatrics at Nicklaus Children's Hospital Emergency Medicine



Dr. Michael Campos  
Pulmonary Medicine, University of Miami & Miami Veterans Affairs



Dr. Pedro Greer  
Founding Chair of the Department of Humanities, Health, & Society; Associate Dean for Community Engagement at FIU



Dr. Lisa Gywnn  
Associate Professor of Clinical Pediatrics & Public Health Sciences & Director for the Pediatric Mobile Clinic, UM

## EXTREME WEATHER IMPACTS ON HEALTH



Dr. Olveen Carrasquillo  
**MODERATOR**  
Professor of Medicine & Public Health Sciences for UM



Dr. Carissa Caban  
Community Psychiatry, Public Psychiatry, Director of Behavioral Health Services at Student Health Center FIU



Lena Carleton  
Founder, Co-Chair, The Miami-Dade County Street Response Disaster Relief Team



Dr. Armen Henderson  
Assistant Professor, Department of Medicine, UM; Emergency healthcare delivery



Dr. Naresh Kumar  
Associate Professor of Environmental Health in the Department of Public Health Sciences, UM

## POLICY & ADVOCACY TO MITIGATE THE EFFECTS ON HEALTH BECAUSE OF OUR CHANGING CLIMATE



Caroline Lewis  
**MODERATOR**  
CLEO Founder & Senior Climate Advisor



Marco Borges  
New York Times Best-Selling Author of Greenprint, Plant-based lifestyle advocate



Dr. David Kelly  
Professor, Department of Economics, UM Business School



Dr. Julia Nesheiwat  
*pending*  
Chief Resilience Officer for the state of Florida



Senator Jose Javier Rodriguez  
Florida State Senator

## 4 KEYNOTE SPEAKERS



**Dr. Michael E. Mann**  
Nobel Prize Winning  
Climate Scientist



**Chad Frischmann**  
VP & Research Director for  
Project Drawdown



**Noah Valenstein**  
DEP Secretary



**Terry Tamminen**  
Leonardo DiCaprio Foundation  
CEO

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PANELS



### Health Panel

- Michele Lozano- Program Specialist, FIU Herbert Wertheim Collage of Medicine
- Dr. Cheryl Holder- Internist & Founder of Florida Clinicians for Climate Action
- Dr. Carissa Caban- Mental Health & Member Physicians for Social Responsibility
- Dr. Jefry Biehler- Chair of Pediatrics at Nicklaus Children's Hospital



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BREAK  
OUTS

### Media Breakout

Hosted in part by John Morales, Chief Meteorologist for NBC 6 and Jeff Berardelli, Meteorologist CBS News



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OVER  
**250+**  
ATTENDEES