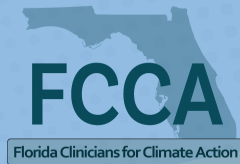




W. MONTAGUE
Cobb NMA HEALTH
Institute



2021 Cobb/FCCA CLIMATE, HEALTH & EQUITY SYMPOSIUM

A One-Day Online CME Program

Saturday, February 27, 2021 | 9AM–3PM ET



REGISTER: [HTTPS://COIN.MEMBERCLICKS.NET/2021COBBFCCA-SYMPOSIUM#/](https://COIN.MEMBERCLICKS.NET/2021COBBFCCA-SYMPOSIUM#/)



TABLE OF CONTENTS

About The Cobb Institute and Florida Clinicians for Climate Action.....1

Sponsors 2

Disclosures of Commercial Relationships..... 2

Scientific Planning Committee 3

Letter from the Chief Executive Officer 4

Statement of Credit and Purpose..... 6

Accreditation Statement 7

Learning Objectives 8

Disclaimer..... 8

Statement of Needs Assessment..... 9

References 11

Schedule of Events 12

Faculty Biographies..... 14

Tampa Declaration on Climate And Health..... 24

Faculty and Staff of The Cobb Institute 26

ABOUT THE ORGANIZERS

ABOUT THE COBB INSTITUTE

The W. Montague Cobb/National Medical Association (NMA) Health Institute (The Cobb Institute), a 501(c)(3) in Washington, DC, engages in innovative research and knowledge dissemination for the reduction and elimination of racial and ethnic health disparities. Founded in 2004, the Institute is named in honor of the late William Montague Cobb M.D., Ph.D., LL.B., physician, anthropologist, distinguished professor of medicine and anatomy at the Howard University School of Medicine, and noted architect of the National Hospital Desegregation Movement. The Cobb Institute boasts an established journal, the *Journal of Racial and Ethnic Health Disparities*, and regularly collaborates with public agencies, private entities, academic medical centers, and—equally important—communities. In close partnership with Morehouse School of Medicine



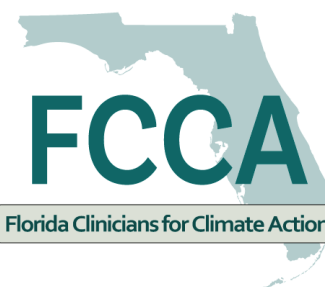
and the Association for Academic Minority Physicians (AAMP), the Institute also provides opportunities for early career doctorates to receive intensive mentoring and networking in the areas of research, policy and practice. With funding from governmental agencies such as the National Institutes of Health (NIH) as well as significant in-kind contributions, the Institute continues to cultivate a trusted and proven network of diverse stakeholders committed to solving racial inequities in health. Concerned with the social and environmental determinants of health, the institute benefits from a close relationship with the NMA Commission on Environmental Health.

ABOUT FLORIDA CLINICIANS FOR CLIMATE ACTION

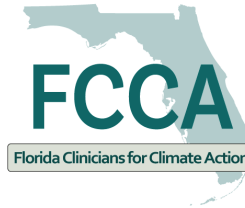
The Florida Clinicians for Climate Action (FCCA) was formed in January of 2018 at the Florida Climate & Health Equity Symposium, which was a collaboration between the National Medical Association, the W. Montague Cobb/NMA Health Institute, the Florida State Medical Association and The Medical Society Consortium on Climate & Health. At the conclusion of the symposium, a group of about 30 physicians agreed to create Florida Clinicians for Climate Action and issued the Tampa Declaration on Climate & Health. In 2020, FCCA has grown to over 175 member clinicians, including

doctors, nurses, pharmacists and other valued health professionals who are concerned

about climate impacts among Floridians, especially vulnerable populations. FCCA engages Florida health professionals to learn about the health harms of climate change and advocate alongside communities for equitable solutions that protect human ecosystems and support a healthy and sustainable future.



CONFERENCE SPONSORS



Disclosure Policy

In accordance with the Accreditation Council for Continuing Medical Education's Standards for Integrity and Independence, all CME providers are required to disclose to the activity audience the relevant financial relationships of the planners, presenters, and authors involved in the development of CME content. An individual has a relevant financial relationship if he or she has a financial relationship, in any amount, occurring in the last 24 months with an ACCME-defined "ineligible company" (former called "commercial interests") and the content of the education controlled by that individual is related to the products or business lines of an ineligible company with whom the person has the financial relationship. Relationship information follows:

Disclosures of Relevant Financial Relationships

Some presenters/authors have Relevant Financial Relationships, and some planners/staff/reviewers have RFRs:

The following planners/staff/reviewers have Relevant Financial Relationships:

Dr. Randall C. Morgan, M.D., M.B.A.
Zimmer-Biomet - Member of LAC Committee

The following presenters/authors have Relevant Financial Relationships:

Dr. Virginia Caine, M.D.
Gilead Pharmaceuticals - Speaker's Bureau
ViiV Healthcare - Speaker's Bureau

Dr. Edith Mitchell, MD
Genetech, Merck, Taiho - Consultant
Amgen, Genetech - Researcher
BMS, Exelexis - Consultant

All Relevant Financial Relationships have been mitigated.

SCIENTIFIC PLANNING COMMITTEE

Committee Co-Chairs



**Randall C. Morgan, Jr., M.D.,
M.B.A., FACS, FAAOS**
President and Chief
Executive Officer
W. Montague Cobb/NMA
Health Institute



Cheryl Holder, M.D., FACP
Co-Chair of Florida
Clinicians for Climate
Action (FCCA)

Committee Members



**Winston Price, M.D., FAAP,
FACPE**
Chief Information &
Technology Officer (CIO)
W. Montague Cobb/NMA
Health Institute



Melissa Baldwin
FCCA Director



Tiffany North-Reid, M.P.H., M.S.
Consulting Senior Program
Specialist and Research
Administrator
W. Montague Cobb/NMA
Health Institute



**Carol Lindsey, M.S.N.,
ARNP, FNP-BC, FAANP**
FCCA Steering Committee
Member



Lily Pieper
Administrative Assistant
AMC Source



Catherine Toms, M.D., M.P.H.
FCCA Steering Committee
Member

LETTER FROM THE CHIEF EXECUTIVE OFFICER

Dear Friends and Colleagues

On behalf of the W. Montague Cobb/NMA Health Institute (Cobb Institute), I welcome you to the Virtual 2021 Cobb/FCCA Climate, Health & Equity Symposium with hopeful anticipation for this convening, especially as we celebrate the three-year anniversary since the launch of the Florida Clinicians for Climate Action (FCCA) and their “Tampa Declaration on Climate and Health” in Greater Tampa. With the twin crises of the Coronavirus pandemic and social unrest due to violent anti-Black racism, strengthening our understanding of climate impacts and the role of the social and environmental determinants of health proves critical—the latter encompassing the heart of our work. The recent events in Texas due to extreme weather provide additional concerning confirmatory evidence for that need. Whether joining us for the first time or participating as a new colleague, you will benefit from tremendous knowledge and enthusiasm for action in support of climate justice and against the structural drivers of climate change.

We are also thrilled to feature the accomplished Professor Robert Bullard and “Father of Environmental Justice” who is a 2020 recipient of the prestigious UN Environment Programme (UNEP) Champion of the Earth - Lifetime Achievement Award, the UN’s highest environmental honor, recognizing outstanding leaders from government, civil society and the private sector. Professor Bullard is one of six laureates announced in December 2020, on the cusp of the UN Decade on Ecosystem Restoration 2021–2030. The Robert D. Bullard Center for Environmental and Climate Justice (CECJ) was also recently established at Texas Southern University in his honor. Now spanning 4 decades, Dr. Bullard’s dedication of effort

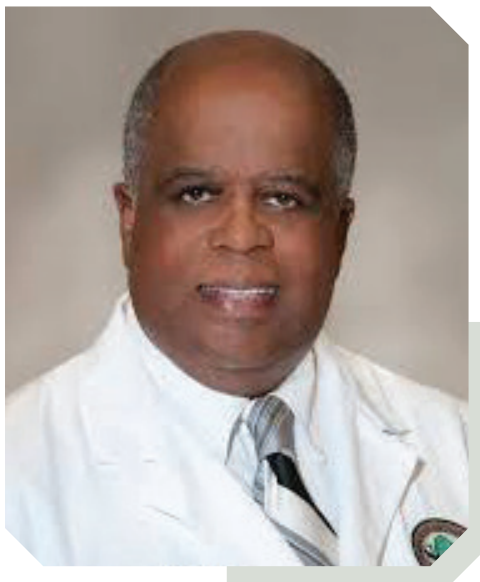
remains a relevant and central source that inspires the protection of human health and environmental public health among a broad range of constituents around the world.

The Lancet Countdown, which tracks progress on health and climate change and is led by its technical experts and 35 leading academic centers and UN agencies, suggests a need for continued leadership from the health profession in the area of environmental public health and climate justice, based on a variety of indicators. Spending on health system adaptation continues to increase, rising by 12.7% in 2019 to \$18.4 billion (indicator 2.4). As another example, original research on health and climate change has increased by a factor of eight in just more than 10 years (indicator 5.3). (See our Statement of Needs Assessment for a full listing of those indicators).

Our faculty, staff and network are committed to addressing pressing, timely themes related to health and health disparities, also providing health professionals and the general public with tools for coordinated action, including an Action Toolkit. Now especially, with the added public health and financial effects of COVID-19, health professionals alongside affected communities will be vital for supporting efforts to protect and rebuild local communities and to strengthen our system of hospitals and clinics and public health infrastructure. In addition, your combined efforts toward mitigating climate change are needed to start to reverse disruptive weather patterns such as extremes of heat or precipitation, tropical storms, and wildfires, as well as food and water insecurity and changing patterns of infectious disease.

Our goals for you as a symposium participant are two-fold:

- First, you will be equipped with actionable knowledge, tools, and community toward achieving *The Lancet's* “triple win” of improving public health, creating a sustainable economy and protecting the environment.
- Second, by participating, you will be compelled to drive urgent action in response to climate change and COVID-19 to help realize “cleaner skies, healthier diets, and safer places to live—as well as reduce the risk factors of future infectious diseases.”



We hope that this Symposium will serve as a hopeful backdrop for action against the tremendous loss of life observed this past year from Coronavirus and other troubling events due to systemic anti-Black racism.

Our thoughts also are with Texas and other states impacted by the recent winter storm, this catastrophic event further invigorating our work to decrease existing vulnerabilities to worsening climate extremes.

To learn about the Cobb Institute and the ways in which you can become involved with our various initiatives, you are also encouraged to visit www.thecobbinstitute.org. At this time, we offer programs and opportunities for a variety of categories, from externships for medical students through collaborative and transdisciplinary partnerships for senior leaders in health, medicine and research.

Thank you for accompanying us on this journey to impact climate change. In the spirit of friendship and fellowship, please enjoy your time with us.

Sincerely,

A handwritten signature in green ink, appearing to read "Randall C. Morgan Jr.", written in a cursive style.

Randall C. Morgan Jr., M.D., M.B.A., FACS, FAAOS
President and CEO
W. Montague Cobb/NMA Health Institute

STATEMENT OF CREDIT AND PURPOSE

OVERVIEW

This activity is designed to highlight the promise of climate action by health professionals on behalf of communities, in Florida and elsewhere, that are disproportionately impacted by climate change. Planned with leadership from the Florida Clinicians for Climate Action (FCCA), which was formed three years ago in partnership with the National Medical Association (NMA) Commission on Environmental Health and the Medical Society Consortium on Climate and Health (MSCCH), the Symposium features expert physician and non-physician speakers who will share their findings and recommendations toward eliminating climate-related health disparities with a focus on informing the public, physicians and policymakers about environmental public health and the impacts of climate change.

INTENDED AUDIENCE

This program is designed for health professionals, specifically physicians, nurses, health professionals-in-training, public policy advocates, legislators and others who have the potential to improve the health of vulnerable communities and populations disproportionately impacted by climate change. Participating healthcare providers will benefit from a seminar informed by leadership from the Cobb Institute, FCCA, NMA, as well as physicians, public health professionals and university faculty who are involved with research and policymaking. Findings and recommendations for clinical and public health practice will be a major component of this symposium. Practitioners

will additionally gain tools for improved clinical decision-making and partnership opportunities around the health impacts of climate change and with communities and populations that are disproportionately impacted.

FORMAT

Moderated panel discussions involving physician, health professionals, and climate change experts will be utilized in order to have a robust discussion around clinical and public health practices for populations and communities with health vulnerabilities related to climate change. The latest climate resilience and intervention strategies will be highlighted with a focus on the potential of climate action to impact relevant health outcomes. The intended goals of this seminar format are to facilitate collaborations for the elimination of climate-related health disparities and informed clinical and policy recommendations and statements for improved screening, diagnosis and treatment around the health impacts that are linked to climate change.

RESEARCH GOAL

Conduct ongoing assessment of participant knowledge and progress toward adopting and perpetuating practical use and practical knowledge and use of the most current and advanced clinical and public health practice available to lessen the climate change burden within the United States, in general, and among populations and communities that are disproportionately impacted, in particular.

CONTINUING MEDICAL EDUCATION CREDIT

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the National Medical Association and the W. Montague Cobb/ NMA Health Institute in partnership with the Florida Clinicians for Climate Action. The National Medical Association is accredited by the ACCME to provide continuing medical education for physicians. The National Medical Association

is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The National Medical Association designates this educational activity for a maximum of 6 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of participation in the activity. The National Medical Association has reviewed and approved as an Authorized Provider by the International Association for Continuing Medical Education and Training (IACET), 8405 Greensboro Drive, Suite 800, McLean, VA 22102-5120. The NMA will award 5 hours of CEUs to participants who successfully complete the program.

This program is designed for health professionals, specifically physicians, nurses, health professionals-in-training, public policy advocates, legislators and others who have the potential to improve the health of vulnerable communities and populations disproportionately impacted by climate change.

ACCREDITATION STATEMENT

This activity has been planned and implemented in accordance with the accreditation requirements, and policies of the Accreditation Council for Continuing Medical Education (ACCME), through the joint providership of the National Medical Association and the W. Montague Cobb NMA Health Institute. The National Medical Association is accredited by the ACCME to provide continuing medical education for physicians.

The National Medical Association designates this live activity for a maximum of 5 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.



LEARNING OBJECTIVES

Upon completion of the symposium the participant should be able to:

1. Describe climate impacts as social determinants of health, and consider a variety of impacts of extreme heat on health from the perspective of physicians practicing within the areas of obstetrics, emergency medicine and psychiatry.
2. Share strategies at the intersection of COVID-19 and climate health, with a focus on the response of the federal government, and the potential role of oncology and pediatrics as well as infectious disease specialists.
3. Discuss the link between climate change, health and poverty.
4. Identify resources for career development in climate science and research.
5. Participate in solutions such as heat legislation and lawmaker education around climate change.

DISCLAIMER

All speakers participating in CME activities provided by the National Medical Association Department of Continuing Medical Education are required to disclose to the audience any relevant Financial Relationship in the past 24 months related to the content of their presentations. This program is open to general public and specifically designed for physicians, scientists, nurses, physician assistants, residents, fellows and other healthcare professionals interested in strengthening the voice of clinicians in national and state level discussions on climate and health as well as advocating for climate resilience especially on behalf of vulnerable communities that are disproportionately impacted.

STATEMENT OF NEEDS ASSESSMENT

“No country—whether rich or poor—is immune from the health impacts of climate change. Right now, people around the world face increasing extremes of heat, food and water insecurity, and changing patterns of infectious diseases. Unless urgent action is taken, the health impacts of climate change will bring further disruption, threaten lives and livelihoods and compromise the hospitals and clinics we depend on.”

- The *Lancet* Countdown

Deemed the “biggest global-health threat of the 21st century” by *The Lancet*, this statement from *The Lancet* Countdown underlines the widespread health and other challenges we face globally due to the broad-ranging impacts of climate change. In addition, climate change further worsens existing health vulnerabilities in communities of color and low-income communities globally, and as we have observed in the United States within the state of Florida and other Gulf Coast communities. The current COVID-19 pandemic further complicates that picture. Florida in particular faces more severe climate and health equity issues compared to most states as a result of complex factors longstanding and new, which should serve to inform efforts nationally.

Not only does Florida face the threat of climate change, COVID-19 compounds existing inequities and highlights how communities of color are uniquely at risk. Because of location and terrain, Florida receives more rain, hurricanes, sea-level rise, heat and humidity thereby leading to more flooding, molds, mosquitoes and water contamination. These include higher incidence and prevalence of heat-related deaths, allergies, infectious diseases, water and shellfish contamination, heart and

lung related illness and death, and emotional stress from these disruptions. Florida also recently hit the unfortunate landmark of over 1.8 million Coronavirus cases, and as expected, black and brown communities are seeing higher rates of infections and higher death rates.

As trusted health messengers who regularly interact with the general public and marginalized communities, clinicians have a role to play in advocating for an equitable transition to a clean-energy and healthy future. As we have seen with the successes of the Florida Clinicians for Climate Action (FCCA), physicians and health professionals represent a significant asset for informing the conversation and action around environmental climate change and the co-benefits of a healthier clean energy future. And involving those who serve predominantly minority and medically underserved communities in climate change solutions can increase responsiveness to climate justice and health equity concerns

Indeed, “aligning the global recovery from COVID-19 with our response to climate change offers a triple win: improve public health, create a sustainable economy, and protect the environment. (*The Lancet* Countdown 2020) As noted in the *The Lancet* Countdown, the COVID-19 pandemic and the wildfires and tropical storms associated with climate change observed this past year represent converging crises and share common drivers. The promising news is that acting on climate can lower pollution, improve air quality, encourage healthier diets, and create safer places to live—as well as reduce the risk factors of future infectious diseases.

But time is short. Failure to tackle these converging crises in tandem would move out of reach the world’s

1.5C target to limit temperature increase to 1.5 degrees Celsius, thereby promising to damage the health of the world's 7.8 billion citizens in the short and long-term.

At this symposium, participants including clinicians and the general public will benefit from learning best practice around climate and health as informed by leadership from the Cobb Institute, FCCA and National Medical Association (NMA) Commission on Environmental Health, Union of Concerned Scientists, as well as additional invited expert speakers. They will also be equipped with an Action Toolkit for further engagement around solutions.

Our seminar format will facilitate education of physicians on the health effects of climate change, specifically impacts on communities of color, as well as potential actions for climate change mitigation and adaptation. More specifically, transfer of information on climate

change impacts on health disparities and health equity will support the following:

- application to practice,
- discussions with the public and policymakers, and
- involvement of low-income communities and communities of color in climate action efforts.

Ultimately over the course of the conference practitioners will gain tools for educating patients, the public and policymakers on actions that can be taken to address the negative health effects of climate-change. This process will involve discussion of the details learned and plans for incorporating that knowledge into their clinical practice or public health practice with added focus on identifying needed resources and support. Utilization of our Action Toolkit as well as informed strategies for policy advocacy and outreach to mainstream and ethnic media outlets will be offered.

PANEL 2: THE INDICATORS OF THE 2020 REPORT OF *THE LANCET* COUNTDOWN

Climate change impacts, exposures, and vulnerabilities

- 1.1. health and heat
 - 1.1.1: vulnerability to the extremes of heat
 - 1.1.2: exposure of vulnerable populations to heatwaves
 - 1.1.3: heat-related mortality
 - 1.1.4: change in labour capacity
- 1.2: health and extreme weather events
 - 1.2.1: wildfires
 - 1.2.2: flood and drought
 - 1.2.3: lethality of extreme weather events
- 1.3: climate-sensitive infectious diseases
 - 1.3.1: climate suitability for infectious disease transmission
 - 1.3.2: vulnerability to mosquito-borne diseases
- 1.4: food security and undernutrition

1.4.1: terrestrial food security and undernutrition

1.4.2: marine food security and undernutrition

1.5: migration, displacement, and rising sea levels

Adaptation, planning, and resilience for health

- 2.1: adaptation planning and assessment
 - 2.1.1. national adaptation plans for health
 - 2.1.2: national assessments of climate change impacts, vulnerability, and adaptation for health
 - 2.1.3: city-level climate change risk assessments
- 2.2: climate information services for health
- 2.3: adaptation delivery and implementation
 - 2.3.1: detection, preparedness, and response

to health emergencies

2.3.2: air conditioning: benefits and harms

2.3.3: urban green space

2.4: spending on adaptation for health and health-related activities

Mitigation actions and health co-benefits

3.1: energy system and health

3.1.1: carbon intensity of the energy system

3.1.2: coal phase-out

3.1.3: zero-carbon emission electricity

3.2: clean household energy

3.3: premature mortality from ambient air pollution by sector 3.4: sustainable and healthy transport

3.5: food, agriculture, and health

3.5.1: emissions from agricultural production and consumption

3.5.2: diet and health co-benefits

3.6: mitigation in the health-care sector

Economics and finance

4.1 the health and economic costs of climate change and benefits from mitigation

4.1.1: economic losses due to climate-

related extreme events

4.1.2: costs of heat-related mortality

4.1.3: loss of earnings from heat-related reduction in labour capacity

4.1.4: costs of the health impacts of air pollution

4.2: the economics of the transition to zero-carbon economies

4.2.1: investment in new coal capacity

4.2.2: investments in zero-carbon energy and energy efficiency

4.2.3: employment in low-carbon and high-carbon industries

4.2.4: funds divested from fossil fuels

4.2.5: net value of fossil fuel subsidies and carbon prices

Public and political engagement

5.1: media coverage of health and climate change

5.2: individual engagement in health and climate change

5.3: coverage of health and climate change in scientific journals 5-4: government engagement in health and climate change

5.5: corporate sector engagement in health and climate change

REFERENCES

The Lancet Countdown on Climate and Health: <https://www.lancetcountdown.org>

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With Preterm Birth, Low Birth Weight, and Stillbirth in the US: A Systematic Review. *JAMA Netw Open.* 2020;3(6):e208243. doi:10.1001/jamanetworkopen.2020.8243 <https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2767260>

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SCHEDULE OF EVENTS

9:00 AM Welcome & Overview

Welcome

Randall C. Morgan, Jr., M.D., M.B.A., FACS,
FAAOS

President and CEO

*W. Montague Cobb/ NMA Health Institute (the
Cobb Institute)*

*95th President of the National Medical
Association (NMA)*

Cheryl Holder, M.D., FACP

*Co-Chair, Steering Committee – The Florida
Clinicians for Climate Action (FCCA)*

An Intro to Environmental Justice and Climate Change

Robert Bullard, Ph.D.

“Father of Environmental Justice”

2020 UN Environment Programme (UNEP)

Champion of the Earth - Lifetime Achievement Award

*Distinguished Professor of Urban Planning and
Environmental Policy*

*Former Dean of the Barbara Jordan-Mickey Leland
School of Public Affairs*

Texas Southern University

Climate Impacts in Florida

Katharine Mach, Ph.D.

*Associate Professor, Department of Marine
Ecosystems and Society*

*Rosenstiel School of Marine and Atmospheric
Science*

University of Miami

9:40 AM Extreme Heat: A Deadly Climate Risk

Moderator

Catherine Toms, M.D., M.P.H.

Steering Committee

Florida Clinicians for Climate Action (FCCA)

Pregnancy and Heat

Washington Hill, M.D., FACOG

Maternal-Fetal Medicine Specialist

Sarasota Memorial Hospital

Emergency Medicine and Heat

Armen Henderson, M.D., M.B.A.

Assistant Professor of Medicine

University of Miami

Mental Health and Heat

Rahn K. Bailey, M.D., DFAPA, ACP

Assistant Dean of Clinical Education at Charles R.

Drew University

Chief Medical Officer of Kedren Community

Health Center, Inc.

Chairman of the Board of Directors, The Cobb

Institute

113th President of the NMA

10:30 AM 15-Minute Break

10:45 AM COVID-19, Equity & Environmental Justice

Moderator

Doris Browne, M.D., M.P.H.
President & CEO
Browne and Associates, LLC
117th President of the NMA

What to Expect from the Federal Government

Mark Mitchell, M.D., M.P.H., FACPM
Professor of Climate Change, Energy, and Environmental Health Equity
George Mason University

Cancer and Environmental Health

Edith Mitchell, M.D., FACP, FCPP, FRCP (London)
Clinical Professor of Medicine and Medical Oncology
Director, Center to Eliminate Cancer Disparities
Associate Director, Diversity Affairs
Sidney Kimmel Cancer Center at Jefferson
116th President of the NMA

Pediatrics and Environmental Health

Winston Price, M.D., FAAP, FACPE
Associate Professor of Pediatrics, Philadelphia College of Osteopathic Medicine
Chief Information & Technology Officer
W. Montague Cobb/NMA Health Institute
105th President of the NMA

COVID-19 and Climate Change

Virginia Caine, M.D.
Associate Professor of Medicine, Indiana University School of Medicine
Director, Marion County Public Health Department

12:00 PM Career Development in Science & Research

Moderator

Cedric Bright, M.D.
Associate Dean for Admissions
Interim Associate Dean for Diversity and Inclusion
Brody School of Medicine at East Carolina University
112th President of the NMA

Medical Student Research Project

Miranda Ricart and Samantha Rodriguez,
M.D. Candidates
Herbert Wertheim College of Medicine
Florida International University (FIU)

The Cobb Scholars & Research Opportunities in Environmental Health & Justice

Randall C. Morgan, Jr., M.D., M.B.A., FACS, FAAOS
President and CEO, The Cobb Institute
95th President of the NMA

Cobb Scholars Research Project on the Environmental Health Equity Implications of the COVID-19 Pandemic

Maisha Standifer, Ph.D., M.P.H.
Director of Health Policy
Satcher Health Leadership Institute
Morehouse School of Medicine

1:00 PM Focus on Solutions

Moderator

Melissa Baldwin
Director, Florida Clinicians for Climate Action

Heat Stress Protection Legislation

Oscar Londoño, J.D.
Executive Director, We Count

Lawmaker Meeting Training

Alicia Race, M.A.
Outreach Coordinator, Union of Concerned Scientists

2:00 PM Closing: TEDMED Viewing

Watch TEDMED.com talk-
The link between climate change,
health and poverty

Cheryl Holder, M.D., FACP
Co-Chair, Steering Committee – The Florida Clinicians for Climate Action (FCCA)

2:30 PM Optional Networking Event for the Florida State Medical Association

FACULTY BIOGRAPHIES

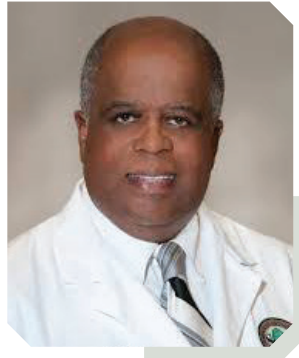
SYMPOSIUM CO-CHAIR:

Randall Morgan

President and CEO of the W. Montague Cobb/NMA Health Institute, 95th President of the National Medical Association (NMA)

Randall C. Morgan, Jr., M.D., M.B.A., FACS, FAAOS is President and CEO of the W. Montague Cobb/NMA Health Institute, which launched and hosts the *Journal of Racial and Ethnic Health Disparities*.

In addition to bringing together a staff of scholars and research specialists who are concerned with identifying solutions for racial and ethnic disparities in health and healthcare, the Institute also supports the development of early-career faculty and investigators from groups underrepresented in science and medicine through its Cobb Scholars Program. For the National Academies of Sciences, Engineering and Medicine (NASEM), he Co-Chairs the Committee on Mentoring and Advising for the Roundtable on Black Men and Black Women in Science, Engineering, and Medicine. An actively practicing orthopedic surgeon, he serves as founder and President of University Park Orthopedics in in Sarasota and Bradenton, Florida. He is also Clinical Associate Professor of Orthopedic Surgery at Florida State School of Medicine and is also a Clinical Associate Professor in the Department of Community Medicine at the University of Connecticut.



He was the first board-certified orthopedic surgeon to hold that position. A true pioneer in his profession, Dr. Morgan was among the first surgeons to perform total joint replacement surgery at Northwestern University. Prior to his relocation to Sarasota, Dr. Morgan practiced general orthopedic surgery and pediatric orthopedics in Evanston, Illinois, and as well in his hometown of Gary, Indiana, for more than 30 years. With the assistance of his father, Mr. Randall C. Morgan, Sr., he founded the Orthopedic Centers of Northwest Indiana and served as its president from 1975 to 1999. At one time, this was the largest minority-owned orthopedic practice in the United States. He is a Diplomate of the American Board of Orthopedic Surgery and the American Board of Managed Care Medicine, a Fellow of the American College of Surgeons, and a member of Alpha Omega Alpha honorary medical society. A graduate of Grinnell College with a B.A. in Chemistry and the Howard University College of Medicine, he completed an Orthopedic Surgery Residency at Northwestern University and a Pediatric Orthopedic Fellowship at Children's Hospital in Cincinnati. He later received an MBA from the University of South Florida. Dr. Morgan served as the 95th President of the National Medical Association (NMA) during the years 1996 and 1997.

SYMPOSIUM CO-CHAIR:

Cheryl Holder

Co-Chair; Interim Associate Dean for Diversity, Equity, Inclusivity, and Community Initiatives; and Associate Professor - University of Miami Herbert Wertheim College of Medicine

Cheryl Holder, M.D., FACP, is Co-Chair of Florida Clinicians for Climate Action, where she works to increase climate literacy and enhance awareness of the impact of climate change on



vulnerable populations. Dr. Holder is board-certified in Internal Medicine and has dedicated her medical career to serving underserved populations. As President of the Florida State Medical Association—which is the state affiliate of the National Medical Association—Dr. Holder works with nine local Florida Medical Societies to address health disparities and increase the viability of African American physicians. Since 2009, Dr. Holder has served as a faculty member at Florida International University (FIU) Herbert Wertheim College of Medicine. Her focus is on teaching medical students about working in underserved communities and promoting diversity in the health professions through pipeline programs.

Dr. Holder's work also assesses the impact of social determinants of overall health on health outcomes. Dr. Holder is the recipient of: 2016 FIU Medallion Cal Kovens Distinguished Community Service Award; 2017 Faculty Convocation Award in Service, and 2019 Tow Humanism in Medicine Award.

FEATURED SPEAKER:

Robert Bullard

Robert D. Bullard, Ph.D. is widely known as the father of environmental justice. At Texas Southern University (TSU) he is a Distinguished Professor of Urban Planning and



Environmental Policy and the former Dean of the Barbara Jordan-Mickey Leland School of Public Affairs. Prior to coming to TSU, he was founding Director of the Environmental Justice Resource Center at Clark Atlanta University. His book, *Dumping in Dixie: Race, Class and Environmental Quality*, is a standard text in the environmental justice field, and he is the author of 18 additional books addressing sustainable development, environmental racism, urban land use, industrial facility siting, community reinvestment, housing, transportation, climate justice, disasters, emergency response, and community resilience, smart growth, and regional equity. Additionally, As Co-founder of the [HBCU Climate Change Consortium](#), he raises awareness about the disproportionate impact of climate change on marginalized communities and works to develop from historically black colleges and universities (HBCUs) student leaders, scientists and advocates on issues related to environmental and climate justice policies, community resilience, adaptation and other major climate change topics. Recently the United Nations Environment Programme (UNEP) honored him with its [Champions of the Earth Lifetime Achievement Award](#), the UN's highest environmental honor, recognizing outstanding leaders from government, civil society and the private sector whose actions have a transformative impact on the environment. His influence on environmental justice and climate change has also been additionally acknowledged with a *WebMD Health Heroes Trailblazer Award*, *Apolitical* 100 Most Influential People in Climate Policy, Washington State University William Julius Wilson Award for the Advancement of Justice, Climate One Stephen H. Schneider Award for Outstanding Climate Science Communication, Global Climate Action Summit's 22 Climate Trailblazers, Children Environmental Health Network's Child Health Advocate Award, Iowa State University Alumni Association's Alumni Merit Award recipient—an award also given to George Washington Carver (1894 ISU alum) in 1937, a new Sierra Club Environmental Justice Award named after him, Sierra Club's John Muir Award—the first African American to win the

award, *The Griot's 100 Black History Makers in the Making*,” *Planet Harmony's Ten African American Green Heroes*,” *Newsweek's 13 Environmental Leaders of the Century*, CNN's People You Should Know, “Bullard: Green Issue is Black and White”; and by Co-op America Building Economic Alternatives Award (BEA). He received his Ph.D. degree from Iowa State University. He is also a proud U.S. Marine Corps veteran.

Rahn Bailey

Rahn Kennedy Bailey, M.D., DFAPA, ACP serves as Assistant Dean of clinical education at Charles R. Drew University and as Chairman of the Board of Directors of the W. Montague Cobb/



NMA Health Institute. Dr. Bailey's career has centered around community outreach, education, and prevention and he has held a multitude of leadership roles both academically and professionally. Due to his volunteer work delivering care to the many evacuees of Hurricane Katrina in the Houston Astrodome, Dr. Bailey was named the Physician of the Year by the NMA (2005). He also has numerous publications that address healthcare disparities including the books *A Doctor's Prescription for Healthcare Reform* and *At Gunpoint*. For his extensive work addressing health disparities, he has been funded by the National Institutes of Health (NIH), Substance Abuse and Mental Health Services Administration (SAMSHA), Area Health Education Centers (AHEC), Robert Wood Johnson Foundation (RWJF), and Snyder Foundation. Dr. Bailey received his medical degree from the University of Texas Medical Branch at Galveston and his residency training in psychiatry at the University of Texas at Houston, Texas Medical Center Affiliated Hospital. While in residency, he held the title of chief resident ('94). Furthermore, he received

the Resident Research Award by the National Medical Association (NMA) for his work on Non-A Non-B Hepatitis ('88). Dr. Bailey completed a fellowship in forensic psychiatry at Yale School of Medicine. He is the 113th President of the NMA.

Melissa Baldwin

Melissa Baldwin is the Director of Florida Clinicians for Climate Action. Melissa has worked on climate change issues in Florida for over 15 years, with experience advocating for local, state, and



federal climate policies. Her experience includes partnering with over a dozen non-profit climate and clean energy education groups to enhance public awareness of key climate threats such as sea-level rise, hurricanes, and public health threats. Melissa specializes in media relations, public education, communications, and public policy. In 2008, Melissa successfully lobbied for House Bill HB 7135, which passed under the Charlie Crist administration as one of the most progressive climate and energy policies in the Southeast at that time. In 2006, Melissa was named one of the Top “30 Under 30” young professionals by the *Tampa Bay Business Journal*. Melissa's passion for climate change dates back to college, where she served as a media relations intern for the Center for Health and the Global Environment at Harvard Medical School.

Cedric Bright

Cedric Bright, M.D., FACP, physician and patient advocate, is Associate Dean for Admissions and Interim Associate Dean for Diversity and Inclusion at the Brody School of Medicine at East Carolina University. He is a dedicated leader in delivering patient equity through broader access, and is a staunch proponent of healthcare reform. Previously he

was Assistant Dean for Admissions, Director of Special Programs and Associate Professor of Medicine in the Department of Medical Education at the University of North Carolina (UNC) School of



Medicine. He was previously Associate Clinical Professor of Internal Medicine and Community and Family Medicine at Duke University and a staff physician at the VA Medical Center in Durham. Dr. Bright also served on the North Carolina Medical Society Patient Safety Taskforce; chaired the board of directors at the Lincoln Community Health Center; has spoken about health disparities before the Congressional Black Caucus; was a medical ambassador to Ghana; and has served as a mentor for the Student National Medical Association. He is graduate of the UNC-Chapel Hill School Of Medicine and Brown University. He is the 112th President of the NMA.

Doris Browne

Doris Browne, M.D., M.P.H. is the President and CEO of Browne and Associates, Inc., a self-owned business that addresses health disparities through education and training. In 2000, she retired from the US Army as a Colonel and spent the next nine years at the National Cancer Institute managing cancer prevention programs. Dr. Browne has dedicated her career to eliminating health disparities by focusing on prevention and health education programs related to cancer, women's health, HIV/AIDS and chronic diseases; conducting programs directed towards enhancing participation of minority and underserved



populations in clinical trials; and developing health promotion, disease prevention, and radiation casualty management programs. Dr. Browne graduated from Tougaloo College, the University of California at Los Angeles (MPH), and Georgetown University, and completed an internship, residency, and fellowship at Walter Reed Army Medical Center. She is the 117th President of the NMA.

Virginia Caine

Virginia Caine, M.D. is Director of the Marion County Public Health Department. She is an Associate Professor of Medicine at Indiana University School of Medicine's

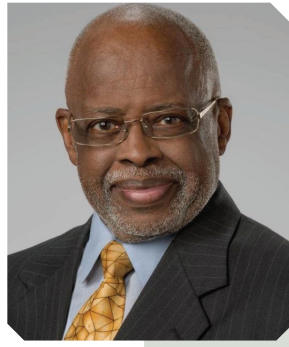


Infectious Diseases Division. She served as the President for the American Public Health Association. She is Chairman of the Board of Trustees for the NMA and current chair of the Infectious Diseases Section. She is a member of the CDC Morbidity and Mortality Weekly Report (MMWR) Editorial Board. She is a member of the National Biodefense Science Board, which provides expert advice and guidance to the Secretary of the U.S. Department of Health and Human Services and the assistant secretary of preparedness. Dr. Caine earned her M.D. at New York Upstate Medical Center in Syracuse, and completed her internal medicine residency at the University of Cincinnati College of Medicine and an Infectious Diseases fellowship training at the University of Washington in Seattle.

Washington Clark Hill

Washington Hill, M.D., FACOG, is the founding Director of the Maternal Fetal Medicine at Sarasota Memorial Hospital. He has a strong interest in education, patient care, and clinical practice, and is a regular participant

at conferences throughout the country. Recently, he completed two years in Rwanda teaching African medical students, residents, faculty and staff “Safe Motherhood”. Dr. Hill is a senior physician in Women’s Health at CenterPlace Health and has practiced at SMH 29 years and delivered babies 55 years. Today, Dr. Hill is involved daily in the care of high-risk obstetrical patients including those with substance use disorders, promoting Safe Motherhood throughout Florida, diversity, equity and inclusion, perinatal/community education and reviewing obstetrical medical-legal issues. Dr. Washington Hill received his M.D. from Temple University School of Medicine and completed residency at William Beaumont Army General Hospital in El Paso, Texas. After 12 years in private practice, he completed a Fellowship in Maternal–Fetal Medicine. He holds academic appointments at a number of prestigious schools of medicine.



Armen Henderson

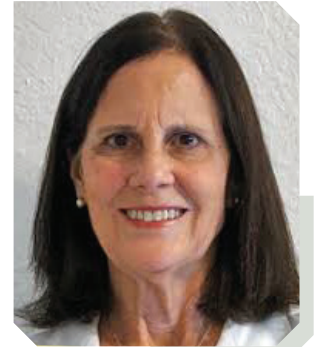
Armen Henderson, M.D., M.B.A., is an Assistant Professor of Medicine at Miami University and an internal medicine physician. As a volunteer with the Miami chapter of Dream Defenders, a civil rights organization formed shortly after the death of Trayvon Martin, Henderson has sought to improve the plight of the impoverished amid the pandemic, going out into the homeless community to conduct free COVID-19 testing, distribute face masks and other personal protective equipment, and provide information



and resources on the virus. He graduated from the Meharry Medical College and completed a residency at Jackson Memorial Hospital. He also holds a Master of Business Administration from Vanderbilt University - Owen Graduate School of Management. As an undergraduate he studied Biology and Chemistry at the Mansfield University of Pennsylvania.

Carol Lindsey

Carol Lindsey, MSN, APRN, FNP-BC, FAANP, is a Family Nurse Practitioner. Her career includes forty-years of nursing and public health experience in which she was dedicated to improving the health of underserved and vulnerable populations. Carol also served 30 years as an Active Duty Commissioned Officer in the United States Public Health Service (USPHS). She is now an active member of Alliance of Nurses for Healthy Environments (ANHE), Florida Clinicians for Climate Action, and The Cleo Institute. Carol is semi-retired and is educating others on climate change and its impact on health, a subject she is very passionate about.



Oscar Londoño

Oscar Londoño, J.D. is the Executive Director of WeCount!, a membership-based organization of low-wage immigrant workers and families in South Dade, including agricultural workers, day laborers, and domestic workers. Through education, support, and collective action,



WeCount! builds the power and leadership of its members to win fair jobs and papers for all. As a movement lawyer and organizer, Oscar's work focuses on challenging labor exploitation and abuses in Florida's low-wage immigrant-dense industries. Oscar's work includes supporting low-wage workers and their campaigns to win labor protections around wage theft, discrimination, health and safety, and heat stress. Born and raised in Miami, Oscar received his J.D. from New York University School of Law, where he was a Root-Tilden-Kern Public Interest Scholar and Derrick Bell Scholar for Public Service. He received his B.A. in Sociology, *summa cum laude*, from Cornell University.

Katharine Mach

Katharine Mach, Ph.D. is an Associate Professor at the University of Miami Rosenstiel School of Marine and Atmospheric Science and a faculty scholar at the University of Miami Abess Center,



focused on environmental science and policy. Her research assesses climate change risks and response options to address increased flooding, extreme heat, wildfire, and other hazards. Dr. Mach is the 2020 recipient of the Piers Sellers Prize for world leading contribution to solution-focused climate research. Mach is a lead author for the IPCC Sixth Assessment Report and the US Fourth National Climate Assessment. She serves as Co-Editor in Chief for Climate Risk Management, an editorial board member for Oxford Open Climate Change, and an advisory committee member for the Aspen Global Change Institute, the Stratospheric Controlled Perturbation Experiment, and Carbon180. Mach received her Ph.D. from Stanford University and AB *summa cum laude* from Harvard College.

Edith Mitchell

Edith P. Mitchell, M.D., FACP, FCPP, FRCP (London) of Thomas Jefferson University serves as Clinical Professor of Medicine & Medical Oncology, Program Leader in Gastrointestinal Oncology, Associate



Director of Diversity Programs for the Kimmel Cancer Center, and Director of the Center to Eliminate Cancer Disparities for the Kimmel Cancer Center. Mitchell has spent her career helping individuals in medically underserved areas. She conducts research on minority participation in clinical trials and barriers to accrual, including ethnic and socioeconomic factors. Her research in breast, colorectal, and pancreatic cancers and other gastrointestinal malignancies involves new drug evaluation and chemotherapy, development of new therapeutic regimens, chemoradiation strategies for combined modality therapy, patient selection criteria, and supportive care for patients with gastrointestinal cancer.

Mitchell is an appointed member of the President's Cancer Panel. Because of her experience in the cancer research community, Mitchell was selected to serve as a member of the NCI's Blue Ribbon Panel convened to advise the National Cancer Advisory Board on then Vice President Biden's National Cancer Moonshot Initiative. She has also served on numerous committees for the National Cancer Institute, American Society of Clinical Oncology (ASCO), and American Association for Cancer Research, among others. Dr. Mitchell received a Bachelor of Science in biochemistry *with distinction* from Tennessee State University and her M.D. from the Medical College of Virginia and completed her internship and residency in internal medicine at Meharry Medical College and a fellowship in medical oncology at Georgetown University. In addition to her medical achievements, Mitchell is a

retired U.S. Air Force Brigadier General, the first woman physician to attain the rank in the history of the Air Force. She is also the 116th President of the NMA.

Mark Mitchell

Mark Mitchell M.D., M.P.H., FACPM is a professor of Climate Change, Energy, and Environmental Health Equity at George Mason University and a senior member of the Program on Climate and Health team at the Center for Climate Change Communication at George Mason University. A preventive medicine physician trained in environmental health and health policy, for over two decades Dr. Mitchell has worked in the public health sector—including as Director of the Hartford, Connecticut Health Department, representing town that is 84% Black and Latino—and with environmental justice communities to prevent and reduce environmentally related disease and change policies that are detrimental to environmental health. Dr. Mitchell started the Connecticut Coalition for Environmental Justice, which continues to provide community education on environmental justice issues and health. Dr. Mitchell chairs the National Medical Association’s Council on Medical Legislation and co-chairs the NMA’s Commission on Environmental Health. He has also served on several U.S. EPA and FDA advisory committees and has received a number of awards for his community and environmental health leadership. Dr. Mitchell earned his medical degree from the University of Missouri-Kansas City and his Master of Public Health from Johns Hopkins School of Public Health, and is the principal of Mitchell Environmental Health Associates, a consulting firm on environmental health and environmental justice issues.



Tiffany North-Reid

Tiffany North-Reid, M.P.H., M.S. has served as a consultant and affiliate of the W. Montague Cobb/ NMA Health Institute for nearly five years, proudly supporting various initiatives of the staff and faculty of the Institute. Tiffany brings ten years of experience in public health that includes working for two years at the Health Effects Institute, which funds research on the human health effects of air pollution, as well as supporting research and data collection on children’s environmental health disparities. She earned a Master of Biomedical Science from the Rutgers School of Graduate Studies and a Master of Public Health from Yale School of Public Health, and completed her undergraduate studies at the University of California at Berkeley. An AmeriCorps alumnus, she maintains an active interest in equitable access to the pipelines for medicine, public health, and science leadership. In her spare time, she appreciates exploring scenic hiking trails with her young family.



Winston Price

Winston Price, M.D., FAAP, FACPE is a board-certified pediatrician and served as 105th President of the National Medical Association (NMA) from August 2004 to July 2005. He is a graduate of Cornell Medical College and received his residency training in pediatrics at the Weill-Cornell Medical Center-Sloan Kettering Medical Center. Dr. Price serves as the President and Chair for the National African American



Drug Policy Coalition and also serves as the Chair of the Southwest Georgia Area Health Education Center (SOWEGA-AHEC) which focuses its mission to recruit, train and retain a robust and highly qualified health workforce for 38 counties in SW GA. He also serves as Chief Information & Technology Officer for the W. Montague COBB/NMA Health Institute and was recently appointed to serve on the Medical Society Consortium on Climate and Health Council/Steering Committee. He holds academic positions at the Philadelphia College of Osteopathic Medicine as an Associate Professor in the Department of Pediatrics & Director of Pipeline Programs for the SW Georgia Campus, and Assistant Professor of Pediatrics at the Medical College of Georgia. Dr. Price also practices clinical medicine serving a SW population in Georgia with a focus on preventive care.

Alicia Race

Alicia Race, M.A. is a Campaign Coordinator for the Climate & Energy program at the Union of Concerned Scientists. In her role, she works closely with activists, experts, and coalition



partners to advance national and state-based climate initiatives. Prior to joining UCS, Alicia worked as a community choice energy coordinator for the Climate Action Campaign, where she gave presentations and mobilized support for a citywide renewable energy program. Prior to that, she worked for FWD.us, an organization focused on immigration reform, as their Midwest director and Florida coalition coordinator. Alicia earned an MA in political science from the University of Illinois at Chicago, and a BA in political science and Spanish from Northern Kentucky University.

Miranda Ricart

Miranda Ricart, M.D. Candidate is a 3rd year Medical student at Florida International University's Herbert Wertheim College of Medicine. In 2018, she graduated from University of Richmond with



a Bachelor of Science in biochemistry and molecular biology. She is a member of Florida Clinicians for Climate Action. Miranda also assisted in the development of the Medical Legal Partnership on Climate & Health in partnership with the Southeast Regional Medical-Legal Partnerships Coalition. Her successful effort to incorporate climate change into curriculum was featured in Health Affairs Magazine December 2020 issue. She enjoys scuba diving in the Florida Keys in her free time. After graduating medical school, Miranda would like to pursue a career as an OB/GYN.

Samantha Rodriguez

Samantha Rodriguez, M.D. Candidate is a third-year medical student at Florida International University (FIU) Herbert Wertheim College of Medicine. She is originally from Miami and



is pursuing a career in Pediatrics. Her interest in environmental advocacy stems from undergraduate research on Florida Keys coral reef preservation and restoration. She is in medical school looking for opportunities to explore the intersection between environmentalism and health. Samantha is a member of Florida Clinicians for Climate Action. She assisted in the development of the Medical Legal

Partnership on Climate & Health in partnership with the Southeast Regional Medical-Legal Partnerships Coalition. Her successful effort to incorporate climate change into curriculum was featured in *Health Affairs Magazine* December 2020 issue.

Maisha Standifer

Maisha Standifer, Ph.D., M.P.H has over 15 years of applied health program administration, evaluation and research expertise, including health policy development and analysis,

mixed methods research and examining health disparities and inequalities domestically and globally. Dr. Standifer recently joined the Satcher Health Leadership Institute of Morehouse School of Medicine from the James A. Haley Veterans Administration Hospital in Tampa, Florida. For over 5 years she worked at the VA as a Research Specialist, Program Administrator and Study Investigator for Research and Development Services. Dr. Standifer's current research advances the science of health information technology and patient-centered care to improve vulnerable veteran populations. Her training as a Medical Anthropologist and public health practitioner has allowed her to apply unique insight within disparate and medically underserved populations. Her research focuses on the intersections between culture, health, and vulnerable communities. Her expertise is in qualitative and quantitative methods, research and evaluation, community engagement, women's healthcare, along with implementation and health services research. Dr. Standifer is also an Assistant Professor, and a Co-Investigator on multiple federally funded studies. Her research portfolio furthers production of community-based participatory research to create culturally-tailored interventions that



empower disenfranchised populations to make healthy informed decision-making life choices. Dr. Standifer continues to administer, develop and conduct studies and evidence-based prevention initiatives that effectively implement targeted strategies to reduce social determinants within vulnerable populations throughout the Diaspora. Dr. Standifer received her Bachelor's degree at Spelman College, her Master of Public Health from Rollins School of Public Health at Emory University, and a doctorate in Applied Anthropology with a concentration in Medical Anthropology from the University of South Florida.

Catherine Toms

Catherine Toms is a public health-focused physician. She holds an undergraduate degree in Zoology from Duke University. After receiving her medical degree from Ludwig Maximilian



University in Germany, Catherine trained and practiced in Family Medicine in Norway. She earned a Master of Public Health from the University of Alabama at Birmingham in 2019 and moved to South Florida shortly thereafter. She has experience building programs to reduce maternal and infant mortality, such as reducing health disparities through peer and professional support of breastfeeding and creating continuing education programs for healthcare professionals. Catherine advocates for policies promoting equitable, resilient communities and informs the public and healthcare providers about the health effects of climate change. She is especially interested in the health impacts of extreme heat on vulnerable populations. Catherine believes future generations have the right to healthy lives breathing clean air and drinking fresh water and thinks it is everyone's responsibility to protect our children and our planet by working together to build a sustainable future.

TAMPA DECLARATION ON CLIMATE AND HEALTH

At the Climate and Health Equity Symposium sponsored by the W. Montague Cobb/NMA Health Institute, National Medical Association, the Medical Society Consortium on Climate and Health, and Physicians for Social Responsibility-Florida, on January 27, 2018, in Wesley Chapel, Florida, members of health professional organizations, hospitals, public health organizations and health systems convened to discuss the health impacts of climate change in Florida. The physicians formed a new group, Florida Clinicians for Climate Action, in response to what health professionals are experiencing in patient care settings throughout Florida.

**Issued in Tampa, Florida
January 27, 2018**

We are forming Florida Clinicians for Climate Action and issue this statement due to concerns about what we are experiencing in patient care. As Florida clinicians, we know:

- Human influence on the climate is clear
- Climate change is real
- It is already affecting the health and lives of Floridians, and these impacts will increase in the future
- The State of Florida is vulnerable already to the effects of climate change including: excessive heatwaves; sea level rise; frequent, more severe hurricanes; and insect vectors spreading diseases such as the Zika virus.
- It is imperative that Floridians take steps to reduce heat-trapping pollution in order to shift to a healthy, sustainable future with a stable climate.

As leading healthcare providers, professionals and organizations, we know that the health impacts of climate change, such as heat stroke, severe weather injuries, and increased asthma and allergies, will continue to rise if we don't take action. The burden will fall on the most vulnerable, such as the elderly, children, and pregnant women, people with chronic health conditions and those with fewer resources. Ironically the people who are most economically vulnerable have typically contributed the least to greenhouse gas emissions.

According to a prestigious medical journal, *The Lancet*, climate change is the greatest global health threat of the 21st century. Its 2017 report recognizes that Florida has taken great steps in strengthening its infrastructure to make it more climate-resilient, which resulted in less damage than expected from Hurricane Irma. However, there remains much to be done to address the impacts of climate change, including its health effects.

We must prevent more catastrophic health effects, including infections from water- and foodborne agents or insect vectors; exacerbation of cardiac and respiratory conditions from heat or poor-quality air; and psychological dysfunction from loss of property or social networks.

What is good for the climate is good for health. By decreasing greenhouse gases through clean energy solutions such as energy efficiency, wind and solar energy, we can address the causes of climate change and generate health benefits for Florida residents and people who live in other states.

Given the gravity and urgency of the situation—and the opportunity to promote public health by addressing climate change—we call on our colleagues in public health organizations, health professional associations, hospitals, and health systems to act in concert with the 2011 Durban (South Africa) Declaration on Climate and Health and endorse this Call to Action.

We commit that we will:

1. **Provide Leadership:** As representatives of our organizations, we will drive the agenda for climate and health, promoting this Call to Action throughout Florida.
2. **Engage and Inform:** We will engage and inform our constituencies of doctors, nurses, public health workers, hospitals, health systems and health policymakers about the health risks from climate change, and the health benefits of climate action. As health professionals, we will also serve as messengers to our patients, our communities and our governments about the major health impacts of climate change and the steps they can take to both limit their impact and to prevent the problem from worsening.
3. **Mitigate:** We will lead by example and reduce the carbon footprint of our own institutions, practices, and activities. We will strive to make our hospitals greener and

healthier by reducing waste and investing in energy efficiency and clean energy while promoting sustainable transport and resource consumption. By doing so, we commit to demonstrating how our societies can move toward carbon neutrality.

4. **Adapt:** We will strive to make our health systems more resilient and capable of withstanding and responding to the human toll of natural disasters and the shifting burden of disease.
5. **Advocate Locally and Statewide:** We will work within our communities and throughout Florida to advocate for emissions reductions and/or low-carbon development strategies that promote both a healthy climate and public health. We will call for solutions that reduce the local health impacts of fossil fuels; solutions that foster clean energy and social justice; and solutions that save lives and money while protecting public health from climate change.

In furtherance of these goals, we hereby establish the Florida Clinicians for Climate Action and pledge to work with like-minded organizations to advocate to preserve and improve the health of all Floridians who are likely to be negatively impacted by climate change, especially vulnerable populations and communities.



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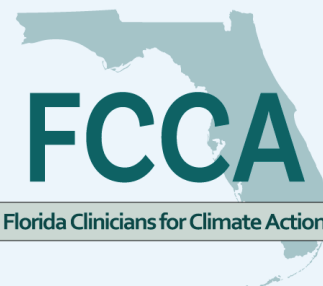
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