

*2021 Online Annual Meeting
May 21–25*

*Taking Action for Health and Equity:
The Promise of Climate Solutions*

• *Program Guide* •



HEALTHY ENERGY



HEALTHY FOOD



HEALTHY TRANSPORTATION



Dear Colleague,

On behalf of the Medical Society Consortium on Climate and Health, welcome to our 2021 annual conference. As we see the country benefitting from the COVID-19 vaccination campaign, we hope the light at the end of the pandemic tunnel will get brighter. We are looking forward to success from the unprecedented effort to put the country back on the path to better health and economic growth.

We are acutely aware that an unprecedented effort to address the climate crisis with policies that benefits health and equity must be part of that work. This conference brings climate and health advocates together for the purpose of advancing those policies.

The conference will familiarize and update you on policy areas that are effective as climate solutions, including changes in transportation and infrastructure, energy and energy efficiency, regenerative agriculture, and reducing the carbon footprint of the health system. New analyses on the cost of inaction will be part of the meeting.

With a greater understanding of these issues, we will visit Congress to share our perspective on why equitable climate solutions are imperative for the public's health healthy and why it is equally imperative to move forward on solutions for those people who are most affected.

We salute the many climate health leaders and advocates who are attending this conference. Thank you to all the important work you are doing and for uploading these activities into our activity portal. We are continuing to track activities so we can report back to you.

We have much in store for you, including stimulating presentations and opportunities to interact with your colleagues. We offer thanks to our meeting sponsors and organizational sponsors who have made it possible for us to offer this meeting.

We hope you enjoy the meeting.

With appreciation and excitement,



Mona Sarfaty, MD MPH FAAFP
Executive Director

The Medical Society Consortium on Climate & Health
Center for Climate Change Communication, George Mason University
Email: msarfaty@gmu.edu • Phone: 703-993-2086

OUR SPONSORS.....	4
AGENDA	
Friday May 21.....	7
Saturday May 22.....	7
Sunday May 23.....	8
Monday May 24.....	9
Tuesday May 25.....	9
BREAKOUT GROUP INSTRUCTIONS & ZOOM TIPS	10
SPEAKER BIOS.....	12
RESOURCES FROM OUR SPONSORS.....	27
NEW REPORT	
The Costs of Inaction: The Economic Burden of Fossil Fuels and Climate Change on Health in the United States	30
2021 CONSORTIUM HILL DAY	31
OUR TEAM.....	32

• Thank you to our Sponsors •

LEAD SPONSOR

Johnson & Johnson

GOLD SPONSOR

Walgreens

SILVER SPONSOR

MITRE

BRONZE SPONSOR

American Lung Association.

GREEN SPONSORS



CONTRIBUTING CONVENERS



ADDITIONAL DONORS



Warren G. Lavey Family Charitable Fund at the Chicago Community Foundation

Nick Snow, MD and Cathleen McCoy

ORGANIZATION SUPPORT



Johnson & Johnson

HIGHTIDE FOUNDATION



Because the world is waiting.

Waiting for the end to HIV, Zika and multidrug-resistant tuberculosis.
Waiting for more trained health care workers and governments to help
improve health care for everyone.

At Johnson & Johnson, we are doing our part by developing advanced
medicines and vaccines, supporting health care training and convening partners.

Stopping the spread of infectious disease will not be easy. But by bringing
together the public and private sector, we can make a real difference in the
world and change the course of human health.

And that changes everything.

Johnson & Johnson

©JJSI2019

We're here for you

Proud sponsor of the 2021
MSCCH's Annual Meeting

Walgreens

1554762-4800 | ©2021 Walgreen Co. All rights reserved.

We

• Agenda •

Friday evening, May 21

7:00 pm – 7:30 pm ET

Welcome and Opening Keynote

Dr. Mona Sarfaty, *Executive Director, Medical Society Consortium on Climate & Health*

Michael Regan, *EPA Administrator*

Alison Cassady, *EPA Deputy Chief of Staff for Policy*

7:30 pm – 8:15 pm ET

Workshops: (choose one)

A recording of each workshop will be available after the Annual Meeting.



Plant-Forward Cooking

Reducing meat intake is recommended as a way to improve your health and encourage less production of the methane gas that is emitted by ruminant animals and the manure lagoons associated with industrial meat production. Plant forward diets are a current focus of culinary creativity. Enjoy this opportunity to observe new recipes from this leading culinary institute.

[DOWNLOAD RECIPES>](#)

Toni Sakaguchi & Jacquelyn Chi
The Culinary Institute of America



How to Buy an Electric Vehicle

Transportation is now the largest generator of greenhouse gases. If you are someone who relies on your car for transportation, an electric vehicle is a sure way to reduce your contribution to air pollution and greenhouse gas. Here is an opportunity to get answers to any question you have about electric cars.

Peter O'Connor
Plug In America



Greening your Medical Practice

Outpatient medicine makes a whopping 28% of healthcare's greenhouse gases, a portion nearly as large as that of hospitals. Learn about a simple system for clinics and offices to save money through comprehensive environmental sustainability.

Dr. Todd Sack
My Green Doctor

Saturday, May 22

11:00 am - 11:45 am ET

CME (ACCME and ANCC accredited)

Wildfires, Asthma and Beyond: Our Journey Incorporating Climate Change Education into Medical Curriculum

Moderator: Dr. Rachel Harold, *Consultant to the Medical Society Consortium*

Dr. Holly Rosencranz

Dr. Japhia Ramkumar

11:45 am – 12:30 pm ET

CME (ACCME and ANCC accredited)

Dermatology and Climate Change

Moderator: Dr. Rachel Harold, *Consultant to the Medical Society Consortium*

Dr. Mary Williams

Dr. Misha Rosenbach

2:00 pm – 2:30 pm ET

Welcome and introduction of 6 NMA Climate Health Equity Fellows

Dr. Bethany Carlos

Dr. Stephen Houser

Dr. Shaneeta Johnson

Dr. Armen Henderson

Dr. Nathan Scott

Dr. Linda Walden

2:30 pm – 3:00 pm ET

Keynote

Outlook for Climate in the 117th Congress

Senator Sheldon Whitehouse

• Agenda •

3:00 pm – 3:50 pm ET

Climate, Health, Equity and Transportation

Moderator: **Dr. Linda Rudolph**, *Senior Policy Advisor, MSCCH*

U.S. Department of Transportation Climate Policy

Andrew Wishnia, *Deputy Assistant Secretary
for Climate Policy, Department of Transportation*

Transportation and Climate Initiative

Ben Samuels, *Director of Special Projects,
Office of Gov. Baker, MA*

Progress on Transportation in Virginia

Dr. Robert Kitchen
Virginia Clinicians for Climate Action

Equitable Cities

Charles T. Brown
*Rutgers University,
Bloustein School of Planning and Public Policy*

Active Transportation in Minnesota

Sam Rockwell
Move Minnesota

4:00 pm – 4:15 pm ET

Feature Presentation: The Cost of Inaction on Climate

Dr. Vijay Limaye, *NRDC*

4:15 pm – 5:30 pm ET

The Promise of Climate Solutions: Benefitting Health & Equity

Healthy Energy

Dr. Jonathan Patz (Moderator)
Director, Global Health Institute, U WI, IPCC author

Healthy Indoor Environments

Ellen Tohn
Tohn Environmental Strategies

Discussion Groups:

How we can reap the health and equity benefits of solutions (30 min)

Healthy Food and Agriculture

Raychel Santo
Johns Hopkins Center for a Livable Future

Healthy Outdoor Environments

Dr. Howard Frumkin
Dean Emeritus UW School of PH

5:30 pm – 5:40 pm ET

Saturday Closing

5:45 pm – 6:45 pm ET

Steering Committee & Board of Advisors Joint Meeting/Happy Hour

Sunday, May 23

11:00 am – 11:45 am ET

CME (ACCME and ANCC accredited)

The Climate Crisis and Birth Outcomes in the US

Moderator: **Dr. Rachel Harold**, *Consultant to the Medical Society Consortium*

Dr. Nathaniel DeNicola **Dr. Bruce Bekkar**

11:45 am – 12:30 pm ET

CME (ACCME and ANCC accredited)

Climate Concerns in Urgent/Emergency Care

Moderator: **Dr. Rachel Harold**, *Consultant to the Medical Society Consortium*

Dr. Hanna Linstadt **Dr. Caitlin Rublee**

2:00 pm – 2:30 pm ET

Keynote

Perspective from the House Select Committee on the Climate Crisis

Introduction: **Colin Nackerman**, *Associate Director of Policy & Operations, MSCCH*

Dr. Ana Unruh Cohen, *Staff Director, House Select Committee on the Climate Crisis*

2:30 pm – 3:15 pm ET

Climate in Medical Education: Panel, Medical Students for a Sustainable Future

Learn about medical students' efforts to incorporate climate health into their institutions' preclinical and clinical curricula.

Karly Hampshire

Kanika Malani

Savita Potarazu

Natasha Sood

Jacqueline Shen (Moderator)

Jessmehar Walia (Moderator)

3:15 pm – 4:00 pm ET

State Progress on Climate Policy in VA, WI, FL, MN

Virginia: Dr. Samantha Ahdoot

Wisconsin: Dr. Joel Charles

Florida: Dr. Cheryl Holder

Minnesota: Dr. Laalitha Surapaneni

4:15 pm – 5:00 pm ET

Healthy Food and Water: Regenerative Agriculture

Moderator: **Kate Hoppe**, *Public Health Consultant, MSCCH*

Video:

Growing Climate Solutions Act

Senator Michael Braun

U.S. Senator, Indiana

Agriculture and Water Quality in the Mississippi Watershed

Catherine Kling

*Faculty Director,
David R Atkinson Center for
a Sustainable Future, Cornell
University, NASEM*

Health and Climate Solutions from an Indigenous Perspective

James Skeet

*Farmer, Covenant Pathways –
Navajo Nation, New Mexico*

5:00 pm - 5:30 pm ET

Sunday Closing and Plans for Monday

Monday evening, May 24

8:00 pm - 9:00 pm ET

Orientation (Option #1) for Congressional Visits

Soap Box/American Lung Association

Tuesday all day, May 25

9:00 am - 10:00 am ET

Orientation (Option #2) for Congressional Visits

Soap Box/American Lung Association

10:00 am - 5:00 pm ET

Virtual Meetings with Congress (Please block off your entire day)

How to Get Your CME Certificate

1. Go to <http://mscch.cmecertificateonline.com>
2. Click on the **5 CE Hours Live** link.
3. Evaluate the meeting.
4. Print, download, or save your certificate for your records.

Breakout Group Instructions

This year, we will be using Zoom's "self-select" feature for breakout rooms. When you click the "Breakout Rooms" icon on the bottom right corner of your screen, you will be able to select which breakout room you would like to join rather than waiting for the meeting host to send you into a breakout room.

We will leave multiple "Coffee Break" breakout rooms open throughout the meeting. You can enter these rooms when you need a break from the speaker sessions and would like to meet other conference attendees. You may see notifications pop up while in the "Coffee Break" room – please ignore these as they are time keeping messages from the main Annual Meeting session in progress.

On Saturday, May 22 at 5:00pm, there will be opportunities for focused discussion with fellow attendees in Zoom breakout rooms ([see Agenda](#)). You will be able to choose a room based on topic. The meeting host will indicate when it is time for you to move into breakout rooms. After the discussion period, the host will close breakouts rooms and you will automatically be brought back in for the closing session.

Zoom Tips

Please refer to this [google document for full guidance](#).

You will receive a link and a password in email and calendar invitation form in the week leading up to our Online Annual Meeting.

If you do not have one already, please take the time to set up a free zoom account at <https://zoom.us/signup> and download the zoom app from <https://zoom.us/download>

Please make sure you are on mute for the entirety of the time you are in the main meeting room. This is key to ensuring our meeting runs smoothly and that all speakers are audible. You will be encouraged to speak and participate in the breakout rooms.

Have headphones with a microphone on hand in case your computer audio gives you any trouble!

If you have any issues getting into the meeting, Bev Harp or Wendy Cook from the Consortium are your points of contact. Please reach us at: info@medsocietiesforclimatehealth.org



Join Us in Calling on the Biden Administration to Lead the Transition to Clean Transportation!

The transportation sector is the biggest source of climate pollution in the United States, and a leading source of other air pollutants that harm Americans' health.

Health and medical professionals like you play a powerful role in advocating for climate solutions that protect patients, including supporting the transition away from polluting cars, trucks and buses to clean, zero-emission vehicles.

Please add your name to the list of health professionals calling on the Biden Administration to prioritize Americans' health by quickly and equitably driving our nation to a pollution-free transportation future.



Sign the petition at [Lung.org/cleanercars](https://lung.org/cleanercars)

A promotional banner for the "Healthy Kitchens, Healthy Lives" conference. On the left is a close-up of a dark, textured plate with a piece of seared salmon, brown rice, green vegetables, and a garnish of green sprouts. The text on the right is in white and blue on a dark background. It includes the event title, logos for The Culinary Institute of America and Harvard T.H. Chan School of Public Health Department of Nutrition, the dates "FEBRUARY 2 - 4, 2022", and the location "NAPA VALLEY, CA". A hashtag "#CIAHKHL" is in the bottom left corner, and a circular logo is in the bottom right corner.

**HEALTHY KITCHENS,
HEALTHY LIVES®**

**HARVARD
T.H. CHAN** SCHOOL OF PUBLIC HEALTH
Department of Nutrition

**FEBRUARY 2 - 4, 2022
NAPA VALLEY, CA**

#CIAHKHL

The Culinary Institute of America is pleased to offer Consortium Annual Meeting attendees a 20% off the already discounted early-bird rate for our *Healthy Kitchens, Healthy Lives* conference, February 2-4, 2022. This special rate is available through June 1. [REGISTER HERE>](#) and use the discount code: **MedicalSociety**.

• Speakers •



Samantha Ahdoot, MD is a practicing pediatrician at Pediatric Associates of Alexandria in Virginia and an Assistant Professor of Medical Education at University of Virginia School of Medicine. She was elected to the American Academy of Pediatrics (AAP) Council on Environmental Health Executive Committee for two terms, during which time she served as lead author on their Global Climate Change and Children's Health Policy Statement and Technical Report, published in Pediatrics in November 2015. Dr. Ahdoot wrote the Climate Change chapter of the AAP's book, Pediatric Environmental Health, 4th Edition, published in 2019, and she speaks widely across the country on this topic. She serves on the Board of the Virginia Chapter of the AAP and is Chair and Founder of Virginia Clinicians for Climate Action, a coalition of clinicians bringing climate and health education and advocacy opportunities to the medical community in Virginia.



Bruce Bekkar, MD is a women's health physician and international keynote speaker who has been engaged with the climate crisis as a full-time activist since 2013. He serves on ecoAmerica's Climate for Health Leadership Circle Executive Committee, is Chair of the Public Health Advisory Council of the Climate Action Campaign, and is the lead author of the first large-scale review of the climate crisis' impact on US pregnancy outcomes, published in JAMA in June 2020.



Laura Kate Bender is the National Director, Advocacy for the Healthy Air Campaign at the American Lung Association. She serves as the campaign's lead representative to Congress, advocating for limits on outdoor air pollution to protect public health. She also assists with the campaign's field work, administrative branch advocacy, and coordination of a broad group of national public health and medical organizations. In her previous role with the Healthy Air Campaign, she worked in Virginia to implement the campaign on the state level. She also served on the board of the Virginia Asthma Coalition. Prior to working for the Lung Association, Laura Kate worked as an organizer on clean air issues for Environment America. Laura Kate studied political science and communications at American University in Washington, DC.



Senator Michael Braun, a lifelong resident of Jasper, Indiana, is a main-street entrepreneur, forester and a lifelong conservationist. In October of 2019, Mike Braun (R-IN) joined Senator Chris Coons (D-DE) in founding the Senate Climate Solutions Caucus in order "to find common ground on climate solutions that will solidify American leadership, promote opportunities for American workers, and protect our environment for generations to come." Senator Braun serves on the Senate Agriculture committee, and has been a tree farmer for the last 30 years. In this role, he has introduced bipartisan legislation like the Growing Climate Solutions Act to reward farmers for adopting carbon sequestration practices on their own farms. This legislation has passed the Senate Agriculture committee unanimously, and is on its way to a Senate vote.

• Speakers •



Charles T. Brown is the founder and CEO of Equitable Cities, a minority- and veteran-owned urban planning, public policy and research firm focused at the intersection of transportation, health and equity. He is also a senior advisor to NUMO and an adjunct professor at the Edward J. Bloustein School of Planning and Public Policy at Rutgers University. Charles is an award-winning expert in planning and policy and has been interviewed by several notable outlets including the New York Times, Washington Post, Los Angeles Times, the Guardian, VICE and Bloomberg CityLab. He is highly regarded as a keynote speaker and leads workshops on transportation, health and equity for audiences worldwide. Charles previously served as a senior researcher with the Alan M. Voorhees Transportation Center at Rutgers University, where he authored several groundbreaking national and local studies that redefined how experts analyze the role of race and racism in transportation and mobility. In 2020, Charles was part of the inaugural class of the Public Voices Fellowship on the Climate Crisis, which is managed by the Yale School of the Environment. Charles is a military veteran and a recipient of the Mississippi Commendation Medal and Global War on Terrorism Service Medal. He has a Master of Public Administration degree and graduate certificate in urban and regional planning from the University of Central Florida, where he received the 2020 Alumni Achievement Award for Public Administration. He also has a Bachelor of Science in Management degree from Belhaven College, where he received the James W. Park Academic Achievement Award. He is a certified instructor with the League of American Bicyclists, received a Crime Prevention Through Environmental Design Professional Designation (CPD) from the National Institute on Crime Prevention and is also a proud and active member of Kappa Alpha Psi Fraternity, Incorporated.



Bethany Carlos, MD is a Primary Care Pediatric Resident at the Medical University of South Carolina where she completed medical training. Prior to entering medical training, Bethany obtained a Masters of Public Health with a focus in health disparities, community health, infant mortality and other maternal and child health topics. Since the beginning of her medical training, she pursued opportunities to bridge the gap between traditional medicine and public health. In addition to her affiliation with the National Medical Association, she is also active in the American Academy of Pediatrics and serves as a National Health Service Corps participant. Bethany was honored to be accepted into the NMA Climate and Health Equity Fellowship because understanding the impact of climate on community health will help her better serve her patients. She is looking forward to equipping minority communities with tools to protect the environments where they live, play, learn, and worship. Particularly in pediatrics, she is always aiming to prevent the onset or worsening poor health outcomes.



Alison Cassady is the Deputy Chief of Staff for Policy at the U.S. Environmental Protection Agency. Alison most recently served as the Deputy Staff Director for the U.S. House of Representatives, Select Committee on the Climate Crisis, where she managed a team of lawyers and scientists to conceptualize, draft and deliver a congressional policy roadmap for achieving net zero emissions by 2050 and building a clean energy economy that values workers and advances environmental justice. From 2017 – 2019 she was the Managing Director of the Energy and Environment Team at the Center for American Progress, providing strategic planning and managerial support to a team working on climate change policy, public lands conservation, and ocean protection. Alison also served on the House Committee on Energy and Commerce and Committee on Oversight and Government Reform. She holds a Master of Public Affairs from Indiana University School of Public and Environmental Affairs and a B.S. in Foreign Service from Georgetown University School of Foreign Service.

• Speakers •



Joel Charles, MD is a full spectrum family physician practicing in rural southwest Wisconsin where he serves as medical director for the Kickapoo Valley Medical Clinic. From the University of Wisconsin School of Medicine and Public Health he received his MD and Master of Public Health degrees, the latter focusing on climate and health. He attended both those programs as a recipient of the Jack Kent Cooke Graduate Scholarship. He completed residency at Sutter Santa Rosa Family Medicine Residency. Upon returning to Wisconsin he helped found and became president of Wisconsin Health Professionals for Climate Action, a fast growing group of health professionals committed to advocating for equitable solutions to the climate crisis. He has a 2 1/2 year old son Finn and an infant daughter Juniper, who help him remember why he does this work.



Jacquelyn Chi, MA is director of programs and special projects for the Strategic Initiatives Group, the thought leadership arm of The Culinary Institute of America (CIA). In this role, Jacquelyn serves as program director for the Global Plant-Forward Culinary Summit, and also oversees the Flavor Summit retreat, targeting food and beverage executives in the hotel, resort, cruise line, casino, and upper-tier multi-unit restaurants sector. She previously ran the CIA's reThink Food initiative, exploring the intersection of technology, behavior, design, and food; and Appetites + Innovation (A+I), which advanced culinary excellence, health and wellness, sustainability, and cultures of innovation in retail foodservice. In 2013, Jacquelyn project-managed the CIA's first mobile app for its flagship Worlds of Flavor® International Conference & Festival, which won the 2013 Cvent Plannie Award for Best Use of a Mobile App. Prior to joining the CIA, Jacquelyn earned her bachelor's degree in radio-television-film from Northwestern University, and her master's degree in international communication from American University, where she researched food as a tool of public diplomacy, and the social construction of authenticity in foreign eating experiences. She has also served as photographer and videographer for a Turkish coffee truck diplomacy project; managed social media for a start-up food company; and worked in a chocolate factory, Napa, CA. @jaxiecracks



Dr. Ana Unruh Cohen is staff director for the U.S. House of Representatives Select Committee on the Climate Crisis. Previously, she was managing director of government affairs for the Natural Resources Defense Council and the NRDC Action Fund. During nearly two decades of policy experience, including 16 years on Capitol Hill, she has served as the director of energy, climate, and natural resources for Senator Edward J. Markey; deputy staff director of the Natural Resource Committee Democratic staff; deputy staff director and chief scientist of the Select Committee on Energy Independence and Global Warming; and as a legislative assistant in then-Representative Markey's personal office. In addition to her time in Congress, Unruh Cohen was also the first director of environmental policy at the Center for American Progress.

Dr. Unruh Cohen earned her undergraduate degree in chemistry from Trinity University in San Antonio, Texas and her doctorate in earth sciences from the University of Oxford, where she was a Rhodes Scholar.

• Speakers •



Nathaniel DeNicola, MD, MSHP, FACOG is a board-certified Obstetrician & Gynecologist at Johns Hopkins Health System in Washington, DC. He is the American College of Obstetricians and Gynecologists environmental health expert and liaison to the American Academy of Pediatrics Executive Council on Environmental Health. He represents ACOG on medical collaborations including the Medical Society Consortium on Climate and Health and Project TENDR, and he is the ACOG international liaison to the International Federation of Gynecology and Obstetrics (FIGO) and the World Health Organization "Pollution-Free Generation" initiative.

Dr. DeNicola has published peer-reviewed articles on environmental exposures on reproductive health and is an international speaker on this topic. Most recently he was senior author on a systematic review published in JAMA June 2020, "Association of air pollution and heat with preterm birth, low birth weight, and stillbirth in the US."

He completed the Robert Wood Johnson Clinical Scholars Program at the University of Pennsylvania, did residency training in Ob/Gyn at Tulane University, and medical school at the University of California, Irvine.



Howard Frumkin, a physician and epidemiologist, is Professor Emeritus of Environmental and Occupational Health Sciences at the University of Washington, and a member of UW's Center for Health and the Global Environment. Previously he was head of the Our Planet, Our Health initiative at the Wellcome Trust (2018-19), Dean of the University of Washington School of Public Health (2010-16), Director of the National Center for Environmental Health and Agency for Toxic Substances and Disease Registry (NCEH/ATSDR) at the U.S. Centers for Disease Control and Prevention (2005-10), and Professor and Chair of Environmental and Occupational Health at Emory University (1990-2005). His career has focused on health aspects of climate change, the built environment, energy policy, nature contact, and sustainability. His community and professional activities have included serving on numerous National Academy of Sciences committees, on the Boards of the Bullitt Foundation, the Seattle Parks Foundation, the Washington State Academy of Sciences, the U.S. Green Building Council, Physicians for Social Responsibility, the American Public Health Association, and the National Environmental Education Foundation, on advisory committees to the Global Consortium on Climate and Health Education (Columbia University), the Harvard Center on Climate, Health, and the Global Environment, the Yale Center on Climate Change and Health, the Medical Society Consortium on Climate & Health (George Mason University), and the European Centre on Environment and Human Health (University of Exeter), on the Steering Committee of the Planetary Health Alliance (Harvard University), on the National Toxicology Program Board of Scientific Counselors, and on the American Institute of Architects Design and Health Leadership Group. He is the author or co-author of over 250 scientific journal articles and chapters, and his ten books include *Making Healthy Places: Designing and Building for Health, Well-Being, and Sustainability* (Island Press, 2011), *Environmental Health: From Global to Local* (Jossey-Bass, 3rd Edition 2016), *Planetary Health: Protecting Nature to Protect Ourselves* (Island Press, 2020), and *Planetary Health: Safeguarding Human Health and the Environment in the Anthropocene* (Cambridge University Press, 2021).



Karly Hampshire is a third year medical student at the University of California San Francisco planning to pursue a career in internal medicine and medical education. In 2019, she founded the Planetary Health Report Card initiative, a student-driven, metric-based initiative to inspire planetary health engagement in medical schools. She is the current co-director of the initiative, which now spans over 60 medical schools in four countries. She is also a Carbon Neutrality Initiative fellow with the University of California.

• Speakers •



Rachel Harold, MD is an infectious disease physician and climate advocate. She started her career as an environmental grassroots organizer, and after being struck time and time again by the health impacts of environmental damage she decided to pursue a career in medicine. She went to George Washington University for medical school then completed training in Internal Medicine at Georgetown University Hospital. She was chief resident and then a hospitalist at the Veterans Affairs Medical Center. She completed fellowship in Infectious Diseases at George Washington University and now practices in Washington, D.C. where she is the Supervisory Medical Officer at the DC Department of Health (DC Health) in the HIV/AIDS, Hepatitis, STDs and Tuberculosis Administration. Dr. Harold is also proud to work part-time as an advocacy consultant with the Medical Society Consortium on Climate and Health.



Beverly Harp is the Digital Communications and State Policy Manager at the Consortium. As State Policy Manager she supports state-based Clinicians for Climate Action groups with program development, policy research, communication strategy, and coalition building. As Digital Communications Manager she runs our social media pages and keeps the website and resource library up to date. Beverly also supports the Consortium's federal policy advocacy and education efforts. Prior to joining the Consortium full-time, she worked as the Communication Manager for the Health and Climate Solutions initiative at the GMU Center for Climate Change Communication (4C), where she supported equitable, community-based health and climate projects across the country. Before joining the team at 4C, Beverly completed a Fulbright research grant in India on the distribution of finance for climate change adaptation. In her free time, she organizes young people to take action for global climate justice with the organization SustainUS. Beverly received her B.A. in Global Affairs and Data Analysis from George Mason University.



Armen Henderson, MD, MBA 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. Armen 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.



Cheryl Holder, MD, FACP is Co-Chair of Florida Clinicians for Climate Action. 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 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.

• Speakers •



Kate Hoppe, MPH, MA is a public health practitioner who has contributed to private and public sectors from community-based non-profits, to government, and academics. She founded CivicPoint Consulting to help organizations and people move to action for healthy, equitable, and resilient communities. In her work, Kate supports internal and external stakeholders through the stages of change to promote effective and organized action, and helps them to apply evidence-based policy, system, and environmental change approaches to advance health and equity. Kate serves as Operations Director for the Consortium to expand operational capacity and sustain momentum for advancing climate and health solutions. Kate has previously managed CDC- and NIH-funded initiatives to prevent heart disease, diabetes, stroke, and Alzheimers, spoken at national conferences including APHA and ALR, and advocated for policy change as a former member of the Board of Health Commissioners in Kansas City, Missouri.



Stephen Houser, MD is certified by the American Board of Anesthesiology. He earned a Bachelor of Arts from Princeton University and his doctorate of medicine from Pennsylvania State University College of Medicine. He completed a preliminary medicine internship at Christiana Hospital before completing anesthesia residency at Harvard's Beth Israel Hospital. Stephen has more than 21 years of experience in anesthesia. He has strong clinical experience with all anesthesia specialties, particularly regional and obstetric anesthesia. His other clinical interests include quality outcomes improvement, patient safety and population health.



Japhia Jayasingh-Ramkumar, MD, FACP is a board-certified internist. She is a Clinical Associate Professor at the University of Illinois Champaign- Urbana (UIUC) College of Medicine, Carle Illinois College of Medicine and American University of Antigua. She is on the board of directors of the Champaign County Medical Society. She is a founding member of the Illinois Clinicians for Climate Action and the Champaign County Climate Coalition. She has two decades of experience in medical education with areas of focus in cross cultural medical education and in the last several years on the enormously important issues of the climate, biodiversity and pollution crises. She is actively involved in developing medical school curriculum and educating the medical community locally, nationally, and internationally on the topic of Climate Change and its Health Impacts. In the community she has worked in the public schools to educate students about the connection between planetary health and personal health. She is a Master Gardener engaged in education programming and has worked with urban community garden programs focused on produce for healthy living. She has also been involved with educating the community about the importance of biodiversity and in particular pollinators and creating habitats for them. She is also actively involved in advocating and lobbying elected officials for action on climate change and sustainability. The enduring passions in her life have been teaching and addressing social and environmental issues in her community. She strives to combine her profession and passions to shift existing paradigms, reimagine a regenerative future, educate and advocate for change to create a healthy planet for all its inhabitants.

• Speakers •



Shaneeta Johnson, MD is an Associate Professor of Surgery, Director of Minimally Invasive, Robotic, and Bariatric Surgery, and Program Director, General Surgery Residency Program at Morehouse School of Medicine and Grady Hospital in Atlanta, Georgia. She is also a Senior Fellow of Global Health Equity in the Satcher Health Leadership Institute. She is an experienced surgeon, clinician, educator, philanthropist, and researcher.

Shaneeta received her education and surgical training at The Johns Hopkins University, Loma Linda University School of Medicine, Howard University Hospital, The Cleveland Clinic and Brandeis. She is a Fellow of the American College of Surgeons, American Society of Metabolic and Bariatric Surgeons, and the International College of Surgeons. She is board certified in both General Surgery and Obesity Medicine. She has been appointed to leadership positions within state, national and international organizations and committees.

Shaneeta is passionate in furthering health equity and eliminating disparities. She has been involved and/or spearheaded national and international initiatives to improve health equity. She is a sought-after speaker whose expertise has afforded her invitations to speak both nationally and internationally. She is a recipient of the NMA Emerging Leader Trailblazer Award, American College of Surgeons Claude Organ Traveling Fellowship, Atlanta Business Chronicle 40 under 40 award, 2020 Women who Mean Business Award and the 2019 Outstanding Atlanta award. In her spare time she enjoys spending time with family, traveling, running, and water sports.



Robert Kitchen, MD is a board certified family physician who retired in April 2018 after thirty-nine years of practice. He became active in addressing the impact of climate change by joining the Virginia Clinicians for Climate Action where he serves as Vice-Chair of Advocacy. He most recently practiced with the MidAtlantic Permanente Medical Group providing care for members of Kaiser Permanente in Northern Virginia. During his twenty-four years with MAPMG he cared for a panel of patients and also held administrative and leadership positions. Prior to this practice he served twenty years in the Air Force with both stateside and overseas assignments with the last six years being on the faculty of the Family Practice Residency at Andrews Air Force Base. Bob received his MD degree from Tulane University School of Medicine and his BS from the US Air Force Academy.



Catherine L. Kling is a Tisch University Professor in the Dyson School of Applied Economics and Management and Faculty Director at the Atkinson Center for a Sustainable Future. She is past Director of the Center for Agricultural and Rural Development at Iowa State University where she also held the President's Chair in Environmental Economics. She was elected to the National Academy of Sciences in 2015. Kling has published nearly 100 refereed journal articles and books chapters which have received over 8000 (google scholar) citations and is the editor of the Review of Environmental Economics and Policy. She specializes in the economic valuation of ecosystem services and integrated assessment modeling for water quality modeling. Her research program has received over \$7 million in funding from the National Science Foundation, the US Department of Agriculture, the Iowa Department of Natural Resources, the US Environmental Protection Agency, among others.

Kling chairs the Water Science and Technology Board of the National Academy of Sciences and has been a member of six National Research Council studies. She served as president of the Association of Environmental and Resource Economists, has held editorial positions at ten economics journals, and has received seven awards from professional associations for her research. She is an elected Fellow of the Association of Environmental and Resources Economists, the Agricultural & Applied Economics Association, and a University Fellow at Resources for the Future. She served for ten years on EPA's Science Advisory Board.

• Speakers •



Vijay Limaye is an environmental health scientist working as a Climate Change and Health Science Fellow at NRDC's Science Center. He is broadly interested in addressing international environmental health challenges—quantifying, communicating, and mitigating the risks associated with climate change—with a focus on the public health burden of air pollution and extreme heat events. Prior to his role at NRDC, he worked for three years as a scientist at the U.S. Environmental Protection Agency regional offices in San Francisco and Chicago, focusing on Clean Air Act regulatory implementation, risk communication, citizen science, and air-quality monitoring policy. Limaye, who also speaks Spanish and Hindi, has conducted interdisciplinary research quantifying the health impacts of climate change-triggered air pollution and heat waves for populations in the U.S. and India. He holds a bachelor's degree from the University of California, Berkeley and a PhD in environmental epidemiology from the University of Wisconsin, Madison.



Hanna Linstadt, MD is the current Fellow in Climate Change and Health Science Policy at the University of Colorado Department of Emergency Medicine. She is interested in ways to make emergency departments more climate-smart by decreasing their carbon footprint and increasing their resiliency. As a fellow, she is currently studying the relationship between climate change and health and learning how to use this information to best impact policy.



Kanika Malani is a first year medical student at Warren Alpert Medical School of Brown University. She is also part of Brown's primary care and population medicine program through which she is pursuing a Master's degree. This past year Kanika has been involved with completing the Planetary Health Report Card for Brown and working to implement planetary health within Brown's curriculum. As part of this process she has met with various faculty members and students to implement program changes at the medical school, including climate-based elective options, research fellowships, and restructuring education regarding the relationship between climate and health. As a result of Brown's planetary health efforts they are implementing an elective entitled "Global Environmental Change and Emerging Infectious Disease," which Kanika will be helping lead this upcoming Fall. Outside of school, Kanika enjoys hiking, skiing, and cooking. She also loves to paint, play board games with her family, and binge-watch The Great British Bake Off!



Liz Mueller is a former political operative turned health and climate advocate working as the National Director of Advocacy for the American Lung Association's Healthy Air Campaign, where she builds relationships on Capitol Hill to advance scientific clean air and climate protections. From Maryland and a graduate with a degree in political science from the College of Charleston, she spent the last 6 years in 6 different states and is happy to finally be settled in D.C. working on affecting positive change in the air we breathe.



Colin Nackerman is a climate change strategist who works with nonprofits and communities to launch and scale programs that address climate change and the energy transition. In his role as Associate Director of Policy and Operations, he helps lead policy and advocacy activities related to the Consortium's Policy Action Agenda and other efforts at the federal and state level. He also supports the Operations Director in operations and development. Before rejoining the Consortium, he was the Grantee Manager with the Health and Climate Solutions program, managed a DOE SunShot program at The Solar Foundation, and supported advocacy at the University Corporation for Atmospheric Research. He continues to work part-time in research with Mason's Center for Ocean-Land-Atmosphere Studies and volunteers time for climate justice efforts. He received his B.A. in Environmental Policy from George Mason University and will soon earn an M.A. in Interdisciplinary Studies – Energy & Sustainability.

• Speakers •



Peter O'Connor, Senior Policy Manager at Plug In America, is focused on the Northeast and Mid-Atlantic regions, promoting policies and programs that will transform the transportation sector and encourage more EVs on the road. Prior to his work at Plug In America, Pete was a post-doctoral fellow at the Union of Concerned Scientists (UCS), researching how electric vehicles and renewable energy can work together on the grid. He has over ten years of experience working on energy and environmental policy and technology issues. He holds a Ph.D. in Geography from Boston University, where he completed a dissertation on energy transitions in societies. He also holds a Bachelors degree in Physics from Harvard University.



Jonathan Patz is Professor & John P. Holton Chair of Health and the Environment, and he directs the Global Health Institute at the University of Wisconsin-Madison. His faculty appointments are in the Nelson Institute for Environmental Studies and the Department of Population Health Sciences. Dr. Patz co-chaired the health report for the first Congressionally mandated US National Assessment on Climate Change and for 15 years, served as a lead author for the United Nations Intergovernmental Panel on Climate Change (IPCC) – the organization that shared the 2007 Nobel Peace Prize. Some of his other awards include: Aldo Leopold Leadership Fellows Award; shared Zayed International Prize for the Environment; Fulbright Scholarship; American Public Health Association's Homer Calver Award for environmental health leadership; Case Western School of Medicine Alumni Special Recognition award; Chanchlani Global Health Research Award; elected member of the National Academy of Medicine. Professor Patz has taught and conducted research on the health effects of climate change for more than 20 years and has published over 100 peer reviewed studies and several textbooks on the subject.



Savita Potarazu is a rising third-year medical student at The George Washington University School of Medicine and Health Sciences in the MD/MPH dual degree program. She is currently one of the co-chairs for Climate Smart Health Care with Medical Students for a Sustainable Future and one of the founding members of the Climate Health Interest Group at GW SMHS. Savita is very passionate about promoting EcoMedical literacy and hopes this framework becomes a standard in medical training and continuing medical education. She is from Potomac, MD and pursued her BA in Social Determinants of Health at GW as well.



Michael Regan is an American environmental regulator who is serving as the 16th Administrator of the Environmental Protection Agency. He is the first Black man to serve in the role. Regan formerly served as the secretary of North Carolina's Department of Environmental Quality and an air quality specialist in the United States Environmental Protection Agency (EPA). His elevation to that role in North Carolina was widely praised by environmental groups because of his track record for addressing environmental racism and supporting policy to address climate change. Growing up, he hunted and fished with his father and grandfather in the inner coastal plain of North Carolina. Regan's mother was a nurse for nearly 30 years and his father, was a retired colonel with the North Carolina National Guard, Vietnam veteran, and former agricultural extension agent. Regan attended North Carolina A&T State University, where he received a Bachelor of Science degree in earth and environmental science. He then attended George Washington University in Washington, D.C., where he received a Master of Public Administration.



Sam Rockwell is executive director of Move Minnesota, a transit policy and advocacy organization. He also teaches in the University of Minnesota Urban Studies program. Sam's transportation and land use background spans organizing and policy and includes work with the University of Minnesota Foundation Real Estate Advisors, the New York City Council, Columbia University's Earth Institute, the World Wildlife Fund, Transportation Alternatives, the Environmental Tax Policy Institute, and service as President of the Minneapolis Planning Coalition. Sam has also worked as a musician, handyman, and delivery tricycle driver. Sam holds a JD, magna cum laude, from Vermont Law School and lives in Minneapolis with his wife Molly and their three very energetic kids.

• Speakers •



Misha Rosenbach, MD is an Associate Professor of Dermatology and Internal Medicine at the Perelman School of Medicine at the University of Pennsylvania. He is the Vice Chair of Education & Dermatology Residency Program Director. Dr. Rosenbach's clinical practice is focused on complex medical dermatology in the inpatient and outpatient setting, and his research is focused primarily on sarcoidosis and granulomatous skin conditions. He is involved in local, state, and national efforts focused on sustainability in healthcare and climate change & medicine interactions. He has published more than 200 peer reviewed articles, multiple chapters, and textbooks including serving as one of the editors of Andrew's Diseases of the Skin. He is the former deputy editor of JAMA Dermatology and remains on its editorial board. He is the President of the Medical Dermatology Society, and has leadership roles in the American Academy of Dermatology, including co-founder and co-chair of the Expert Resource Group on Climate Change.



Holly Rosencranz, MD is a board-certified internist with over thirty years of experience in clinical medicine and medical education. She attended the University of Illinois at Chicago for medical school and internal medicine residency. She served in several leadership roles in medical education and engaged in numerous initiatives related to standardized patient simulation exercises, medical trainee wellness, quality improvement, patient safety and justice. She is a Fellow of the American College of Physicians and has served on their Governor's Advisory Council and Health & Public Policy Committee. She teaches classes and seminars locally, nationally, and internationally on topics related to health impacts of climate change. She also participates in local and state medical societies, drafting resolutions and participating in advocacy for federal and state legislation. A Master Gardener, she is committed to applying her love of nature and her medical background to address the impacts of climate change on personal and planetary health. She is one of the founding members of the Illinois Clinicians for Climate Action group through the Medical Society Consortium on Climate and Health.



Caitlin Rublee, MD, MPH is an Assistant Professor in the Department of Emergency Medicine at the Medical College of Wisconsin and the Institute for Health and Equity. She completed her Medical and Master of Public Health degrees at the University of Wisconsin School of Medicine and Public Health followed by residency at the Ohio State University. She subsequently completed a Climate and Health Science Policy Fellowship at the University of Colorado. Dr. Rublee serves as the current chair of the Society for Academic Emergency Medicine Climate Change and Health Interest Group, on the Steering Committee for The Medical Society Consortium on Climate and Health, and on the Board of Directors for Wisconsin Health Professionals for Climate Action. Her main interest is in the development of climate resilient emergency care systems.



Linda Rudolph, MD, MPH serves as Senior Advisor on Climate, Health, and Equity for the Consortium. She previously worked as Director for the Center for Climate Change and Health at the Public Health Institute, Deputy Director for Chronic Disease Prevention and Health Promotion in the California Department of Public Health, and Health Officer/Public Health Director for the City of Berkeley, and Chief Medical Officer for Medi-Cal managed care. Linda was the founding chair of the California Health in All Policies Task Force. She serves on the Board of Physicians for Social Responsibility, the Steering Committee for Climate Plan, and the Advisory Committee for the Bay Area Air Quality Management District.

• Speakers •



Todd Sack, MD, FACP is an expert on the climate impact of outpatient healthcare. He is Editor of MyGreenDoctor.org and MyGreenDoctor.es, the world's most widely used environmental sustainability practice management service that helps health professionals adopt environmental sustainability and climate change preparedness. My Green Doctor offers a free system that is easy to use, proven to save offices money, and encourages patient education. Their bimonthly newsletter on climate-related topics is sent to more than 220,000 health professionals in 43 U.S. States and more than 100 countries. Dr. Sack's has worked for many years within health professional societies, authoring more than twenty climate-related policies that have been adopted by the American Medical Association and others. He chaired for ten years the Florida Medical Association's Environment & Health Section, chaired the Jacksonville Environmental Protection Board, and served on the Florida Energy Commission where he chaired its Climate Change Advisory Group. He serves on the Boards of Directors of Physicians for Social Responsibility, the My Green Doctor Foundation, and several other environmental organizations. He teaches at the University of California School of Medicine, San Francisco, and at the University of North Florida. He is a graduate of Yale College and practices gastroenterology in Florida. He welcomes your ideas and collaboration: tsack8@gmail.com; 904-403-6446.



Toni Sakaguchi '84, CEC, CHE is executive chef for the Strategic Initiatives Group at The Culinary Institute of America (CIA). After graduating with an associate degree from the CIA in 1984, Toni earned a bachelor's degree in hotel, restaurant, and institutional management from Michigan State University. She then moved to California and served as executive chef in two of the nation's top restaurants, Border Grill Café and City Restaurant, both in Los Angeles. Toni was the fine dining chef at the Sonoma Mission Inn & Spa in Sonoma, California, prior to joining the faculty at the CIA at Greystone in 1997. At Greystone, Toni was the culinary faculty team leader, and later the associate dean for culinary arts. Toni also serves as a member of the review and selection committee for the James Beard Foundation Scholarship Program. (Napa Valley, CA) @CIALeadership



Ben Samuels is a Director in the office of Massachusetts Governor Charlie Baker. His portfolio includes work on issues of climate, health, transportation, and infrastructure, and he currently leads an effort to understand the long-term impacts that COVID-19 will have on work and life in the Commonwealth. Samuels joined the Baker administration in 2019, helping to lead the state's effort to develop and launch the Transportation & Climate Initiative, which is projected to reduce transportation carbon emissions by 26% over 10 years and generate more than \$3 billion for investments in transportation and public health.

Before joining the Baker administration, Samuels worked for Rahm Emanuel in the Chicago Mayor's Office, where he served as Managing Operations Officer, helping to oversee the city's 34,000 employees. While there, he focused on housing, infrastructure, and equitable access to technology in addition to leading transition efforts from Mayor Emanuel to Mayor Lori Lightfoot.

Samuels worked at Mastercard before moving into the public sector. He has a B.A. from Harvard College and an M.B.A. from Harvard Business School.



Raychel Santo is a Senior Research Program Coordinator at the Johns Hopkins Center for a Livable Future, where she works on several research projects related to food consumption and climate change; local and regional food policy; meat alternatives; and urban agriculture. Raychel earned her Master's degree in Food, Space & Society from Cardiff University School of Geography & Planning and her BA in Public Health and Environmental Change & Sustainability from Johns Hopkins University.

• Speakers •



Mona Sarfaty, MD, MPH, FAAFP is the Director and Founder of the Medical Society Consortium on Climate and Health. She is trained in family medicine and public health and has engaged in teaching, research, and advocacy for 40 years. As an academic faculty member with expertise in primary care, preventive services, and health policy, she has lectured at national & regional venues including hospitals, health plans, professional societies, health departments, and government conferences. In the middle of her career, she worked as a Senior Health Policy Advisor for the U.S. Senate Health and Human Resources Committee (now H.E.L.P.) for 7 years where she planned hearings, wrote legislation, negotiated policy, met with constituents, and founded the Foundation for the NIH. Subsequently, she founded the Community Oriented Primary Care Track at the George Washington School of Public Health (Milken Institute School), Project Access and the Primary Care Coalition of Montgomery County, MD, and the Diabetes Information and Support for Your Health group visit program at Thomas Jefferson University. She is the author of widely circulated guides and publications, including many peer reviewed articles, two book chapters and a text called *Climate Change and Population Health* published by JB Learning in 2020. She founded the Consortium after assessing physician experience with the health effects of climate change in cooperation with the George Mason University Center for Climate Communication. She received her MD from the State University of New York at Stony Brook, her MPH from George Washington University, and her BA from Harvard University.



Nathan Scott, MD majored in Biomedical Engineering at Tufts University. He then went to the University of Pennsylvania to complete a post-baccalaureate program before enrolling at Harvard Medical School for his medical degree.

While at HMS, Nathan began to broaden his interests. For the first two years of medical school, he worked part-time as a biomedical engineer at a firm developing microfluidics and point of care diagnostic devices. When he transitioned to the hospital, he began asking new questions: why are health care systems so inefficient? Why aren't medical professionals more involved in making decisions that decide how physicians practice medicine? How can we combine the intricacies of how we practice medicine and the complexities of economically efficient medicine to better provide care for our communities, particularly for the underserved? To this end, Nathan enrolled at the Harvard Kennedy School of Government where he studied health policy and health economics, obtaining a Master's in Public Policy.

Nathan completed his internship in internal medicine at the Massachusetts General Hospital before starting his ophthalmology residency at the Bascom Palmer Eye Institute. He was selected as Chief Resident for his surgical retina fellowship at Bascom Palmer and will now pursue a second fellowship in Ocular Oncology. Nathan aspires to develop a career that integrates clinical and surgical care with a broader perspective of health quality, equity and public service. He hopes to identify and work to improve the policies that can bridge current disparities and ameliorate our existing healthcare system. He plans to use the Climate and Health Equity Fellowship to better understand how climate impacts the distribution of, and access to health care.



Jacqueline Shen is a third-year MD/MPH student at the Tufts University School of Medicine and Curriculum Co-Chair at Medical Students for a Sustainable Future. She believes medical education plays a critical role in the struggle towards climate health equity. At Tufts, she led the first Planetary Health Report Card effort for the school. She is also passionate about mental health, immigrant health, and believes in the power of narrative to facilitate community and healing. Jacqueline received her undergraduate degree in biology from MIT.

• Speakers •



James Skeet has been working with Native Americans for 35+ years. He has worked for many years as a cross cultural speaker and consultant for organizations to reformulate and incorporate Native World views that create successful interventions and relations with Native Americans. Known among many organizations as a Native leader and spokes person for speaking engagements and reconciliation events across the country, he effectively communicates the condition and challenges of Native people.

His most recent commitment is to share his passion to Heal the Soil, Mother Earth, and reconnect Indigenous peoples to the land through traditional Native farming practices that increase the soil microbes. Together with his wife, Joyce, they hold workshops using culturally relevant materials to encourage others to dismount from the Industrial approach to farming and begin working with the microbes in the soil to grow nutrient rich foods "Soil Life Farming," which involves emulating nature and the patterns; consequently, moving away from competition back to re-indigenizing and decolonizing ourselves and our soil. Ultimately, support Mother Earth to regain her balance. James weaves insights from modern holistic management and regenerative agriculture with ancient wisdom of Native cosmology to create a haven where soil health, human health, and free markets can prosper for another 10,000 years.

His heritage has assisted in grounding him in the work he does as a full-blooded Navajo Native American from Vanderwagen, New Mexico where he and his wife have a demonstration farm, Spirit Farm, that uses only natural practices including microbiological composting, to heal the high desert southwestern soil and be a living example of how we can recover and reclaim traditional farming and spiritual practices, along with modern practices, to transform our way of life and health, reducing the dependency on the very food system that is harming us.



Natasha Sood is the Chair of Medical Students for a Sustainable Future. She is a 3rd year medical student at Penn State College of Medicine. She completed her undergraduate education at the University of Michigan and earned her MPH from Columbia University with a specialization in Climate Change and Health. She focuses her research and advocacy efforts on climate-health curriculum reform and climate-smart healthcare. Most recently she was the recipient of the HCWH 2020 Emerging Physician Leader Award. She is a Founding Leader of Medical Students for a Sustainable Future and is continually inspired by her peers to advocate for a just, healthy, and sustainable future.



Laalitha Surapaneni, MD is a practising physician and an assistant professor of internal medicine at the University of Minnesota Medical School with a public health degree from Johns Hopkins Bloomberg School of Public Health. Dr. Surapaneni is a member of Health Professionals for a HealthyClimate in Minnesota and a national board member of Physicians for Social Responsibility. As climate-justice advocate, she works in advisory roles with regulatory agencies in Minnesota, has provided testimony to the Minnesota legislature, and speaks to media outlets regularly about the public health impacts of climate change.



Ellen Tohn is an environmental health consultant with over 30 years of experience. She is the founder of Tohn Environmental Strategies and a nationally recognized expert in community based environmental health threats, green and healthy housing, and social determinants of health. She has assisted advocates catalyze policy solutions; developed protocols to incorporate health protections into energy efficiency, renovation, and green building programs; managed environmental health research studies; provided strategic support to community development organizations on health and health equity, and created strategic plans to help hospitals engage community partners and address social determinants of health. Ms. Tohn works with housing developers, property owners and managers, and energy efficiency programs to create green and healthy housing and developed the nationally recognized "One Touch" approach. Ms. Tohn is an Assistant Professor of Practice at the Brown School of Public Health. She received her BA from Cornell University and a Masters in City Planning from the Massachusetts Institute of Technology (MIT).



Linda I. Walden, MD is a graduate of Florida A&M University and selected as one of FAMU's "Living Legends". She obtained her medical degree from Mercer University School of Medicine. In 1993, she was the first African American in the Inaugural Class at Southwest GA Family Practice Residency Program in Albany, GA. She came back to her family roots in Cairo/Thomasville, GA to practice medicine for many years and now with the VA. She is a visionary, pioneer, catalyst, gospel singer, local news columnist, community advocate, mentoring youth to enter the medical field and motivational speaker who has broken several color barriers receiving numerous honors and awards on local, state and national levels.

Linda is Past President of the Georgia State Medical Association. She is the Immediate past National Medical Association Region III Chair representing AL, FL, GA, KY, MI, NC, SC, & TN. She is Founder/Past President of the Grady county Habitat for Humanity, Founder/Past Pres. Jackie Robinson Cairo Memorial Institute in honor of her cousin, the late legendary Jackie Robinson born in Cairo, and Founder/Past Pres. Griffin-Jordan Medical Society for Southwest GA. Linda was elected the First AA Chief of Staff Grady General Hospital, Cairo, GA, the first female physician (Black or White) to establish private medical practice in Cairo. Linda is responsible for renaming Georgia Hwy 93 after her cousin Late Legendary baseball player "Jackie Robinson Memorial Parkway". She is a member of Bethel AME Church where she is a gospel singer in the Choir, Sunday School Teacher and Speaker on Commission of Health Ministry.

A woman "who knows who she is and whose she is" will tell you it is "God who Orders Her Steps". Linda is a founding/Steering Committee member for Georgia Clinicians for Climate Action and member of the Medical Society Consortium for Climate and Health. She has been a speaker on several programs for climate change, health inequities, disparities and their impact on overall health. She is committed to bringing about Health Equity and Eliminating Health Disparities, Cleaner Air and Clean Energy. She feels the greatest investment one can make is to create a safe and healthy environment with equitable access to healthcare now and for future generations to come.



Jessmehar Walia is a first-generation college and medical student attending Albany Medical College. He earned his B.A. in Anthropology with a focus in global Health and environment from Washington University in St. Louis. As an undergraduate, Jessmehar collaborated with the United Nations on the implementation of the Paris Climate Agreement, attending the COP22 in Marrakech, Morocco. Prior to medical school, he researched healthcare reimbursement strategies and contributed to graduate medical education reform. As a member of Medical Students for a Sustainable Future, Jessmehar co-chairs the workstream focused on creating and implementing climate + health curricula in undergraduate medical education.



U.S. Senator Sheldon Whitehouse is fighting to reduce carbon pollution, protect our air and water, and position America as a leader in the clean energy economy. As a member of the Senate Environment and Public Works (EPW) and Finance Committees, he plays a key role in crafting policies to address climate change and strengthen environmental protections. Sen. Whitehouse is a leading voice for urgent action on climate change. For nearly nine years, he took to the Senate floor each week the Senate was in session to call on Congress to wake up to the threat of climate change. Whitehouse co-founded the Senate Climate Action Task Force to build support for action to address carbon pollution, and sits on Senate Democrats' Special Committee on the Climate Crisis. He has introduced numerous pieces of climate legislation, including a bill to establish a fee on carbon—a strong market incentive to cut emissions while generating substantial revenue to be returned from polluters to the American people. In addition to EPW and Finance, Whitehouse is a member of the Budget and Judiciary Committees. A graduate of Yale University and the University of Virginia School of Law, Whitehouse served as Rhode Island's U.S. Attorney and state Attorney General before being elected to the United States Senate in 2006.



Mary L. Williams, MD is Clinical Professor of Dermatology and Pediatrics at the University of California San Francisco. Her research has focused on the fetal development of the skin's permeability barrier and a family of inherited skin disorders of the barrier (the ichthyoses). With two of her patients' parents, she founded the lay advocacy organization for families affected by ichthyosis, F.I.R.S.T. (the Foundation for Ichthyosis and Related Skin Types). Elected to membership in the Society for Pediatric Research, and a founding member of the Pediatric Dermatology Research Alliance, she is a past president of the Society for Pediatric Dermatology and recipient of a distinguished service award from the American Academy of Pediatrics. She presently serves as a representative of the American Academy of Dermatology to Consortium, as co-chair of the AAD's Expert Resource Group on Climate Change and Environmental Issues, and as a member of the Environmental Committee of the San Francisco Bay Chapter of the Physicians for Social Responsibility.



Andrew Wishnia is the Deputy for Climate Policy in the Department of Transportation. Prior to his current position, he was a Senior Policy Advisor for Senator Tom Carper on the U.S. Senate Committee on Environment and Public Works. He worked on the Committee for 3 years, initially on detail from the Federal Highway Administration (FHWA). Andrew served in multiple capacities at FHWA from 2010 to 2017, including as the Policy Advisor to the Federal Highway Administration Administrator, and in the FHWA Office of Safety and Office of Policy and Government Affairs. In his time working with the Committee on Environment and Public Works, Andrew co-wrote the Senate Democratic Blueprint released in 2017 and, most recently, America's Transportation Infrastructure Act (ATIA), which was reported out of EPW unanimously in July 2019. Previously, Andrew served in the White House as a Senior Program Manager at the Council on Environmental Quality, and in the U.S. House Representatives as a Legislative Assistant for Congressman John Yarmuth. Andrew is a lawyer by background and is originally from Louisville, Kentucky.

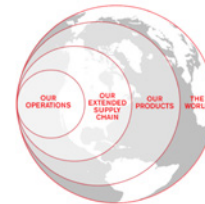
• Resources from our Sponsors •



In 2020, J&J launched 4th generation science-based climate commitments, accelerating our 100% renewable electricity commitment to 2025, committing to carbon neutrality in our operations and a 20% value chain emissions reductions by 2030. Learn more about our **Global Environmental Health** efforts at <https://www.jnj.com/global-environmental-health>.

Global Environmental Health

As the world's largest, most broadly based healthcare company, we know that human health and environmental health are inextricably linked. Healthy people need a healthy planet. In fact, **the World Health Organization states** that there's an "urgent need" to invest in strategies to reduce environmental risks in our cities, homes and workplaces, where such investments cannot only reduce health burdens associated with environmental conditions, but also lead to immediate savings in healthcare costs. This means that to create healthier societies, we must have an unwavering commitment to preserving our planet and the vital resources upon which we all rely, today and in the future.



Our Credo, written in 1943, and our aspiration of advancing health for everyone, everywhere, are at the heart of our commitment to environmental stewardship. We have a longstanding commitment to environmental health including two decades of public climate commitments. **Johnson & Johnson's new climate goals** build on the legacy and achievement of our previous efforts, while accelerating action as part of the larger movement by the private sector, along with governments and civil society, to ramp up the ambition and implementation of climate goals during this new UN Decade of Action.

Our commitment to making a difference extends beyond our own operations. We are taking action to make the planet healthier—finding partners, change advocates and fellow visionaries to help us unlock change at the rate and scale needed to make better health a reality for more people, in more places.



As a health and well-being enterprise, our purpose is to help people across the world lead healthier and happier lives through our contributions to healthy communities, a healthy planet, a sustainable marketplace and an inclusive workplace.

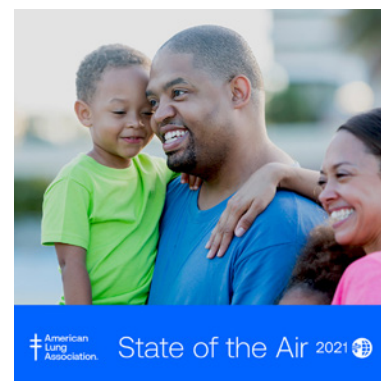
Read our **2020 Corporate Social Responsibility Report** here: <https://www.walgreensbootsalliance.com/corporate-responsibility>.



State of the Air 2021

The American Lung Association's annual "State of the Air" report, released on April 21, found that more than 4 in 10 people (135 million) in the U.S. live with polluted air, placing their health and lives at risk. The report also showed that the burden of living with unhealthy air was not shared equally between all Americans. It revealed that people of color were 61% more likely to live in a county with unhealthy air than white people – a clear and urgent issue of environmental inequity.

[Read the State of the Air Report>](#)





Health Surpasses Jobs in Climate Action Support

ecoAmerica's latest American Climate Perspectives Survey, [Health Surpasses Jobs in Climate Action Support](#), finds health as the strongest motivator for climate solutions support, ranking even higher than jobs. Climate concern has grown over time, alongside trust in health professionals as a source of climate change information. Majorities agree we have a moral responsibility to create a safe and healthy environment and younger adults make the connection between climate solutions and their health. Learn more in the [full report here](#).

To learn more about *Climate for Health* [watch this video](#)



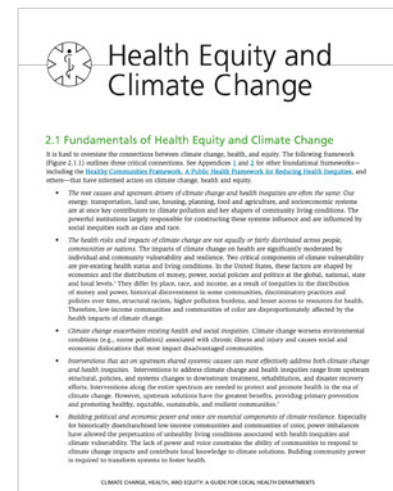
Climate Change Toolkit

The American College of Physicians is the largest medical specialty organization in the United States with members in more than 145 countries worldwide. ACP membership includes 163,000 internal medicine physicians (internists), related subspecialists, and medical students. Physicians can play a substantial role in addressing climate change. ACP has resources and information to help physicians learn about how climate change affects human health and what can be done to reduce energy use and greenhouse gas emissions in physician practices. Visit ACP's [Climate Change and Health Action Plan](#) for information and resources.



Climate Change, Health, and Equity: A Guide for Local Health Departments

This guide is designed to help local public health departments integrate climate change and health equity into practice. It includes overviews of climate science, health impacts of climate change and how health equity fits into the equation. It also discusses what local health departments can do to include climate change and health equity into assessment and surveillance, intersectoral collaboration, community engagement and education, climate and health communications, preparedness and more. Available here: <https://apha.org/Topics-and-Issues/Climate-Change/Guide>.



• Resources from our Sponsors •



The social work profession has a long history of involvement in climate justice work. NASW's magazine, *Social Work Advocates*, includes this feature article in its Spring 2021 issue, [Climate Change: Social Work Addresses Environmental Impacts on Physical and Mental Health](#).

NASW's webinar, [Embracing Climate Justice Work: Global Lessons and Applications for Social Workers in Everyday Contexts](#), explores the application of the ecosocial lens in current social work practice.

NASW *Practice Perspectives* [Climate Change and Health: A Call to Social Workers](#) highlights approaches that social workers use to help individuals understand and manage the health consequences of climate change.



Report on Transportation Emissions in Virginia

Health professionals have a vital role in communicating and educating on the relationship between health and air pollution from transportation. A clean transportation system will go a long way towards helping Virginians lead longer, healthier lives. Read our [report](#) and share our [video](#) on the health burden of air pollution in Virginia.



NRDC is proud to support this year's meeting as a Contributing Convenor, and we congratulate the Medical Society Consortium on Climate and Health for their continued leadership on this important issue. NRDC is working to protect people from the health impacts of climate change in multiple ways:

- Connecting the dots between climate change and health through tailored communications targeted across a range of audiences
- Advocating for rapid reductions in the fossil fuel pollution causing climate change and pushing for a healthier, clean energy future for all
- Conducting cutting-edge research and analysis, including our groundbreaking research on the health costs of climate-sensitive events
- Directly helping communities adapt to our changing climate and protect their health
- Working with partners to improve the resilience of hospitals and the public health system to climate risks

For more on our climate and health portfolio of work (including reports, videos, and recent blogs) please see: <https://www.nrdc.org/stop-climate-change-save-lives>.

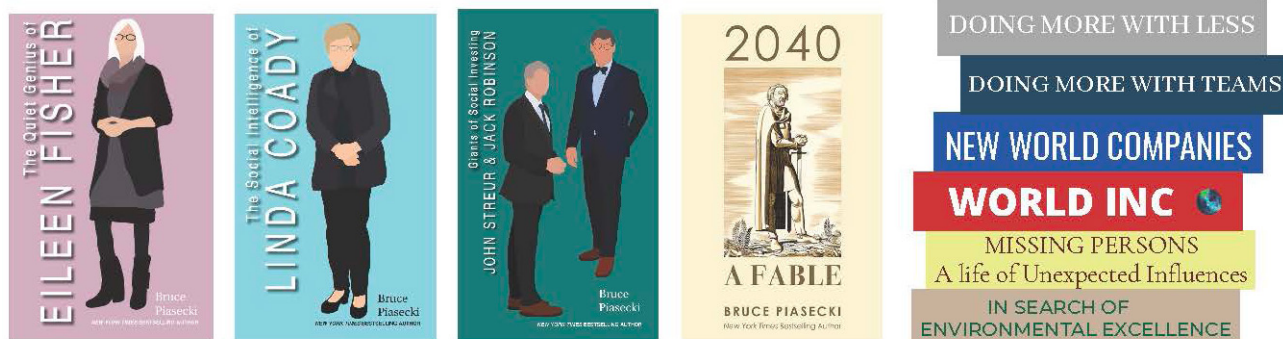
• Resources from our Sponsors •

The Bruce Piasecki and Andrea Masters Annual Award on Business and Society Writing

Applicants must be between 18 and 35 years old and have at least one publication prior to August 15, 2021. These works can include essays, research papers, books, and articles. Topics must be thematically consistent with positive social impact and business. Themes include, but are not limited to, climate change, racial/gender equality, sustainability, and innovation.

To apply, send your published pieces (link or PDF) and a brief (1–2 page) working plan addressing your future writing endeavors and career plans (the next 5–10 years) to sydney@ahcgroup.com (cc: marti@ahcgroup.com). Please contact Sydney with any questions you may have.

Submissions accepted until August 15, 2021. The \$5,000 award will be granted in a public ceremony in Albany, New York, in conjunction with the New York State Writers Institute. [Find out more>](#)



This award is financed by Bruce Piasecki and the Creative Force Fund www.doingmorewithlessbook.com.

New Report documenting astonishing Health Costs from Climate Change and a Call For Action

The report, **"The Costs of Inaction: The Economic Burden of Fossil Fuels and Climate Change on Health in the United States,"** released May 20, 2021, synthesizes scientific research and finds total health costs surpass \$1 trillion a year—and are rising. These costs—in premature deaths, respiratory ailments hospital visits and more—affect everyone but fall hardest on vulnerable communities.

The report, by the Medical Society Consortium on Climate and Health, Wisconsin Health Professionals for Climate Action and NRDC (Natural Resources Defense Council), offers recommendations to alleviate the costly climate health problem. It will be presented to the Medical Society Consortium's Annual Conference on May 22, and to Congress and the Biden administration.

[DOWNLOAD REPORT>](#)





If you are participating in Congressional visits, you will conduct those visits via phone in the comfort of your own home. You will receive the timing, logistics, agenda & helpful content ahead of time. At the training we will cover essential information about meeting your members of Congress and how to adapt in-person meetings to phone calls, but here are a few things to keep in mind:

PRACTICE GOOD PHONE CALL ETIQUETTE. All of your meetings will be conducted via phone call and some of you will be joined by additional participants. Please plan to be in as quiet a space as you can and place yourself on mute if you are not speaking.

BE EXACTLY ON TIME. Most offices have offered their conference lines. We don't know the activity that happens on the line immediately before your scheduled meeting, so please plan on dialing into the number right at the time of your scheduled meeting. If you are running late, please send a quick note to the staffer or other participant(s) in your group letting them know.

Tips for Meetings

CONNECT WITH YOUR FELLOW STATE PARTICIPANTS. There may be additional people from your state joining one or more of your meetings. Planning out the meeting ahead of time will ensure that all messages get across. You will be connected via email with the others from your state. Take a moment connect with each other – especially if there are more than 2-3 people.

BE CLEAR, CONCISE, & COMPELLING. You may only get 10-15 minutes for the meeting, so try and be informative – and concise. Likewise, avoid acronyms and keep the language you use as basic and as non-technical as possible. If asked a question you don't know the answer to, offer to follow up. This will give you an opportunity to have another discussion with the staff member.

DEVELOP YOUR STORY. Take a few minutes before Tuesday to reflect on why you are taking part in these meetings. What have you experienced in your professional – or personal – capacity that motivates you to speak up for cleaner air and water, or for better preparedness for natural disasters? The most effective message will be YOUR story.

TRY TO DEVELOP A RELATIONSHIP. Congressional staff does not necessarily hail from your district or state. These staffers – however young – are the gatekeepers to Members of Congress and can be instrumental to getting his/her support on issues you care about. They work long, hard hours on your behalf and work on many diverse issues.

BE FIRM AND FOCUSED. It is important to share your stories and put a personal face on the problem, but make sure you ask what you came to ask and get a commitment to act if possible.



medsocietiesforclimatehealth.org



facebook.com/docsforclimate



[linkedin.com/company/
medicalsocietyconsortiumonclimateandhealth](https://linkedin.com/company/medicalsocietyconsortiumonclimateandhealth)



[@docsforclimate](https://twitter.com/docsforclimate)

#ClimateHealth2021

View our

Member Societies and
Affiliates

JOIN US! Find out more
about becoming a
Climate & Health Advocate

• Our Team •



Mona Sarfaty
MD, MPH, FAAFP
Executive
Director



Edward Maibach
MPH, PhD
Director, Center for Climate
Change Communication



Rob Gould PhD
Strategic
Communications
Director



Kate Hoppe
MPH, MA
Operations
Director



Nicole Duritz
Director,
Advocacy and
Outreach



Wendy Cook
Digital
Communications
Manager



Mark Mitchell
MD, MPH, FACPM
State Affairs
Director



Kimberly Williams
PhD PHR
State Equity Initiative
Program Manager



Colin Nackerman
Associate Director
of Policy and
Operations



Beverly Harp
Digital Communications
and State
Policy Manager



Savannah Martincic
Social Media
Outreach
Intern



Clarissa Peyton
Digital
Communications and
Multimedia Intern



Zerena Martinez Murillo
Communication and
Health Policy
Intern



Mohamed Ahmed
Finance
Manager



Ira Dreyfuss
Public
Relations
Consultant



Jerome Paulson
MD, FAAP
State Affairs
Consultant



Linda Rudolph
MD, MPH
Climate, Health, and
Equity Consultant