

# 16th Annual CHOP Pediatric Global Health Conference

Rising Up Together:  
Child Health in the Face of Climate Change

Friday, Oct. 25 — Saturday, Oct. 26, 2024

CHOP HUB for Clinical Collaboration



## COURSE OVERVIEW

While people may disagree about the causes, it is undeniable that shifts in temperature and weather, i.e., climate change, is impacting lives and livelihoods worldwide. Wildfires, droughts, air pollution, extreme flooding, and higher-than-normal temperatures are being experienced all over the globe. Children are a vulnerable population because of their unique physiology and dependence on adults for their well-being. They are not only bearing the brunt of these shifts today but will also live with the harmful consequences of climate change in the future. This year's 16th Annual CHOP Pediatric Global Health Conference, "Rising Up Together: Child Health in the Face of Climate Change," will explore short- and long-term interventions to help mitigate the impact of climate change on child health.

## LEARNING OBJECTIVES

At the conclusion of the conference, participants will be equipped to:

1. Describe the latest trends in climate change and research on the impact of climate change on global child health.
2. Identify at least three skills we can incorporate into our individual and team practice to reduce the impact of climate change on global child health.
3. Utilize tools to advocate for policies and practices to reduce the impact of climate change on global child health.
4. Identify at least three strategies that healthcare systems can implement to reduce the impact of climate change on global child health.
5. List up to five priority research areas on climate change and child health.

## TARGET AUDIENCE

Physicians, advanced practice nurses, nurses, social workers, climate change activists, allied health professionals, mental health professionals, public health professionals, researchers, human rights activists, educators, policymakers, trainees, students, and anyone working or interested in the fields of global health or public health.

## ACCREDITATION

In support of improving patient care, this activity has been planned and implemented by the Children's Hospital of Philadelphia. The Children's Hospital of Philadelphia is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.



JOINTLY ACCREDITED PROVIDER™  
INTERPROFESSIONAL CONTINUING EDUCATION

## DESIGNATION OF CREDIT

**Physicians:** Children's Hospital of Philadelphia designates this live activity for a maximum of 15.50 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Nurses:** This program provides 15.50 ANCC contact hours.

## Joint Accreditation



IPCE CREDIT™

This activity was planned by and for the healthcare team, and learners will receive 15.50 Interprofessional Continuing Education (IPCE) credit for learning and change.

## SERVICES FOR PERSONS WITH DISABILITIES

Participation by all individuals is encouraged. If arrangements are required for an individual with special needs to attend this meeting, please contact the CHOP CME Department at 215-590-5263 at least two weeks in advance so that we may better serve you during the conference.

## LACTATION FACILITIES

Each office floor of the CHOP HUB for Clinical Collaboration (Hub), where the main conference sessions will be held, has a lactation room. Lactation rooms are also available in the Buerger Center, which is adjacent to the Hub. Please contact the CHOP CME Department at [CMEoffice@chop.edu](mailto:CMEoffice@chop.edu) at least two weeks in advance so we may ensure the rooms remain accessible.

## GENERAL INFORMATION AND REGISTRATION FEES

The registration fee includes registration materials, continental breakfast, lunch, breaks, and dinner. The conference syllabus will also be available online as part of our green initiative.

REGISTER AT: [chop@cloud.cme.com](mailto:chop@cloud.cme.com)

Global Health Conference (Friday and Saturday Sessions)

Physicians .....	\$225
Other Healthcare providers .....	\$145
Students (inc. students, residents, and fellows).....	\$25
Virtual for High-Income Countries.....	\$100
(According to World Bank Rankings)	
Virtual for Low-and Middle-Income Countries .....	\$0
(According to World Bank Rankings)	
OPTIONAL Post-conference Dinner .....	\$45

***Preregistration is required. Registration is limited; register early to secure your spot. Registration for the Main Global Health conference is required to attend a Pre-Conference or the Sunrise Session.***

## CANCELLATION AND REFUND POLICY

Children’s Hospital of Philadelphia reserves the right to cancel or postpone any course due to unforeseen circumstances. In the event of cancellation or postponement, Children’s Hospital of Philadelphia will refund any registration fees, less a \$40 service charge, but is not responsible for any related costs, charges, or expenses to participants, including cancellation charges assessed by airlines/travel agencies. To process refunds for course withdrawals, cancellations must be received in writing by Friday, Oct. 11, 2024. Please email [cmeoffice@chop.edu](mailto:cmeoffice@chop.edu). **No refunds will be issued thereafter.**

# PROGRAM | FRIDAY, OCT. 25, 2024

## OPTIONAL PRE-CONFERENCES SESSIONS

### **Option 1: Global Health Education for Equity, Anti-racism, and Decolonization (GHEARD)**

**Location:** Buerger 1st Fl. Conference Room

GHEARD is a modular curriculum for global health trainees and providers, published by the American Academy of Pediatrics in collaboration with the Association of Pediatric Program Directors and the Consortium of Universities for Global Health. It was created by a diverse group of authors with representatives from across the education spectrum and around the world. GHEARD seeks to prompt critical reflection and facilitate important conversations within global health training spaces around inequity, racism, systems of oppression, and the legacies of colonialism and neocolonialism within global health. The hope is that by discussing and reflecting on these important topics, global health practitioners will be more aware of their power and positionality, inclined to center the voices of expert colleagues in resource-constrained communities, and empowered to work towards a more equitable, decolonized field of global health.

**8:30 a.m. Registration**

**9 a.m. Global Health Education for Equity, Anti-racism, and Decolonization**

*Moderator: Adelaide Barnes, MD*

DeMarco Bowen, MD, MPH

Whitney Cameron, DO, MSC, MSCTR

Suet Kam Lam, MD, MPH, MS

Amy Rule, MD, MPH

Alexandra Vinograd, MD, MSHP, DTM&H

**Noon LUNCH**

**1 p.m. Global Health Education for Equity, Anti-racism, and Decolonization continued**

**3 p.m. Adjourn**

### **Option 2: Fifteen Years of Transformative Partnership: CHOP David N. Pincus Global Health Fellowship**

**Location:** CHOP HUB for Clinical Collaboration Auditorium

**12:30 p.m. Registration**

**1 p.m. Welcome**

*Moderators: Merrian Brooks, DO, MS; Maria Dunn, DO;*

*Andrew Steenhoff, MBBCh, DCH*

- 1:05 p.m.**      **History in the Making – How did the David N. Pincus Global Health Fellowship Start?**  
*Stephen Nicholas, MD*
- 1:15 p.m.**      **Pincus Fellow Perspectives**  
*Lara Antkowiak, MD, MEd*  
*Marc Callender, MD*  
*Clarisse Casilang, MD*  
*Wada Goitsemang, MD*  
*Meredith Hickson, MD, MS*  
*Matthew Kelly, MD, MPH*  
*Savarra Mantzor, MD, PhD*  
*Eliana Peña González, MD*  
*Henna Shaikh, MD, MPH*  
*Jonathan Strysko, MD, MSc*  
*Chloe Turner, MD*  
*Henry Welch, MD*  
*Kate Westmoreland, MD*
- 2:10 p.m.**      **Impact of the Pincus Fellowship in Botswana**  
*Loeto Mazhani, MD*
- 2:20 p.m.**      **Impact of the Pincus Fellowship in the Dominican Republic**  
*Francisca Vázquez Santana, MD*
- 2:30 p.m.**      **Impact of the Pincus Fellowship at CHOP**  
*Andrew Steenhoff, MBBCh, DCH*
- 2:35 p.m.**      **Q & A**
- 2:50 p.m.**      **Pincus Family Foundation Perspective**  
*Stephen Nicholas, MD*
- 2:55**            **Closing Remarks**  
*Joseph St. Geme III, MD*
- 3 p.m.**            **ADJOURN**

## **PROGRAM | FRIDAY, OCT. 25, 2024**

### **GLOBAL HEALTH CONFERENCE**

**Location: CHOP HUB for Clinical Collaboration Auditorium**

- 3 p.m.**            **Registration**
- 4 p.m.**            **Welcome**  
*Joseph St. Geme III, MD*

- 4:15 p.m.     **Global Health Youth Stories**  
*Moderator: Anabel Fernández, MPH*
- 4:45 p.m.     **Keynote Addresses: Overview of Climate Change and Health**  
*Moderator: Selasie Goka, MD*
- Climate Change and Child Health 101**  
*Perry Sheffield, MD, MPH*
- My Journey as a Child-focused Climate Activist**  
*Harleen Marwah, MD, MS*
- 5:45 p.m.     **The Dr. Ingrid Japa Top Oral Abstract Presentations**  
*Moderators: Elizabeth Lowenthal, MD, MSCE; Carlos Sanlley Pagán, PhD*
- 6:45 p.m.     **Interactive Dinner**
- 8 p.m.         **ADJOURN**

## **PROGRAM | SATURDAY, OCT. 26, 2024**

### **OPTIONAL SUNRISE SESSION**

**Location: CHOP HUB for Clinical Collaboration Room #1632**

- 7 a.m.         **CHOP and the Open Medical Institute (OMI): 30 Years of Partnership to Advance Pediatric Education**  
*Moderators: James Callahan, MD; Nancy Etzel, MBA, MSN, CRNP*
- The History of OMI and its Partnership with CHOP**  
*Wolfgang Aulitzky, MD*
- OMI's Impact — Case Studies from Eastern Europe**  
*Lubica Kovacikova, MD, PhD*
- OMI-CHOP: A 30-Year View from Philadelphia**  
*Stephen Ludwig, MD*
- Panel Discussion — Looking to the Future: Expanding OMI's Reach to Other Locations and Disciplines in the Healthcare Team**  
*Wolfgang Aulitzky, MD; James Callahan, MD; Nancy Etzel, MBA, MSN, CRNP; Lubica Kovacikova, MD, PhD; Stephen Ludwig, MD*
- 8 a.m.         **Welcome and Global Perspectives Keynote Addresses**  
*Moderator: Maria Dunn, DO*
- An African Perspective — Child Health in the Face of Climate Change**  
*Ashraf Coovadia, MBBCh, DCH, Dip HIV Man*

**A Latin American Perspective – Child Health in the Face of Climate Change**

*Maribel Diaz Vazquez, PhD, MA*

**9:05 a.m. Poster Walks and Coffee Break**

**10:30 a.m. Towards a Sustainable Future: Addressing Climate Change at the Individual, Institutional, Societal Levels**

*Moderator: Keri Cohn, MD, MPH, DTM&H*

**Individual Level: What Can I Do in My Daily Life to Make a Difference**

*Karly Hampshire, MD*

**Institutional Level: Climate Smart Healthcare at CHOP – How are we doing?**

*Anne Reilly, MD, MPH*

**Societal Level: Addressing Climate Change at a National and International Level Through Smart and Healthy Cities**

*Katherine DiSantis, PhD, MPH*

**Noon LUNCH**

**1 p.m. BREAKOUT SESSIONS**

**Option A Education and Climate Change**

*Moderator: Nancy Etzel, MBA, MSN, CRNP*

**How Climate Change is Affecting and Will Affect Child Health and Pediatric Education in Ghana**

*Adwoa Afrane, MD, MPH*

**Temple University’s Approach to Climate Sustainability**

*Caroline Burkholder, MAUB*

**A Pediatric Residency Advocacy Curriculum on Climate Justice and Pediatric Health**

*Paul Devine Bottone, MD; Noreena Lewis, JD*

**Option B Advocacy and Climate Change**

*Moderator: Melissa Duran, MSN, CRNP, NNP-BC*

**Applying Engineering to Address Climate Change**

*Franco Montalto, PE, PhD*

**POWER Interfaith’s Approach to Advocacy and Climate Change**

*Pamela Darville, JD*

## Health Professional Advocating for Energy Policy – Success Stories and Top Tips

*Lori Byron, MD, MS*

### Option C

#### Research and Climate Change

*Moderator: Nora Jones, PhD*

#### The Missing Facts – Research Priorities in Climate Change and Child Health

*Swathi Manchikanti, MSPH*

#### Health, Equity, and Climate Change

*Julian Sheather, PhD*

#### Informed Solutions: Research-based Approaches to Climate Change Strategies and Interventions

*Grace Chan, MD, MPH, PhD*

2 p.m. Coffee, Tea, and Comfort Break

2:15 p.m. Takeaway Toolkit

*Melissa Duran, MSN, CRNP, NNP-BC; Nancy Etzel, MBA, MSN, CRNP; Nora Jones, PhD*

3 p.m. Closing Keynote

#### Climate Change – Toward a Sustainable Future

*Sara Jumping Eagle, MD*

3:30 p.m. Conference Resolutions

*Moderator: James Callahan, MD*

*Adwoa Afrane, MD, MPH*

*Hannah Mbonny, MD*

*Lisa Patel, RN, BSN*

*Carlos Sanlley Pagán, PhD*

3:45 p.m. Closing Remarks and Adjournment

*Andrew Steenhoff, MBBCh, DCH*

6 p.m. Post-conference Dinner (*All are welcome; pre-registration required.*)



## COURSE FACULTY

### Planning Committee

**Nancy Biller, MA, MPH**

*Assistant Dean, Global Health Affairs  
University of Pennsylvania School of Nursing*

**James Callahan, MD**

*Medical Director, Global Pediatric Education & Professor of Clinical Pediatrics*

**Alejo Carbajal, MPH**

*Global Health Partnership Coordinator  
Center for Global Health, University of Pennsylvania*

**Jennifer Chapman, MPH**

*Clinical Research Project Manager, Clinical Futures*

**Keri Cohn, MD, MPH, DTM&H**

*Medical Director, Bioresponse  
Director of Global Health and Bioresponse, Division of Emergency Medicine  
Director, Pediatric Emergency Medicine – Global Health Fellowship  
Associate Professor of Clinical Pediatrics*

**Elizabeth Drum, MD**

*Associate Chief for Clinical Operation, Division of General Anesthesia  
Medical Director, Radiology Anesthesia Sedation Services  
Medical Director, Anesthesiology Global Health Initiatives  
Professor, Clinical Anesthesiology and Critical Care*

**Maria Dunn, DO**

*Pediatric Hospitalist and Dominican Republic Lead Pediatrician,  
Global Health Center  
CHOP David N. Pincus Global Health Fellow '17*

**Melissa 'Missy' Duran, MSN, CRNP, NNP-BC**

*NeoSurgery APP Manager  
Newborn/Infant Intensive Care Unit  
Division of General, Thoracic and Fetal Surgery*

**Nancy Etzel, MBA, MSN, CRNP**

*Director, Global Pediatric Education*

**Anabel Fernández, MPH**

*Global Health Program Manager, Global Health Center*

**Jeremiah Goldstein, MD**

*General Pediatrician, St. Christopher's Hospital for Children  
Assistant Professor, Department of Pediatrics  
Drexel University College of Medicine*

**Nora Jones, PhD**

*Associate Director, Center for Urban Bioethics  
Associate Professor, Bioethics  
Lewis Katz School of Medicine at Temple University*

**Noreena Lewis, JD**

*Co-Director of the Community Pediatrics and Advocacy Program*

**Jianghong Liu, PhD, RN**

*Professor of Nursing  
Faculty Director of Global Health Minor, University of Pennsylvania School of Nursing*

**Stephen Ludwig, MD**

*Professor of Pediatrics and Senior Advisor for Medical Education and Global Health*

**Marissa Olson, MPH**

*Global Health Program Coordinator, Global Health Center*

**Sally Poliwoda, MPH, BSN, RN**

*Clinical Program Director, Global Health Nurse Fellowship  
Continuing Nursing Education Nurse Planner*

**Mazvita Rankin, MPH**

*Global Health Grants and Program Manager, Global Health Center*

**Andrew Steenhoff, MBBCh, DCH**

*Symposium Course Director  
Medical Director, Global Health Center  
Associate Professor of Pediatrics*

**Alexandra Vinograd, MD, MSHP, DTM&H**

*Director, Acute Care Global Health Fellowship  
Associate Director of Global Health, Division of Emergency Medicine  
Associate Professor of Clinical Pediatrics*

## FACULTY

**Adwoa Afrane, MD, MPH**

*Senior Lecturer and Pediatrician*

*Department of Child Health, University of Ghana Medical School*

**Lara Antkowiak, MD, MEd**

*CHOP David N. Pincus Global Health Fellow '11*

*Primary Care Pediatrician, Boston Children's Hospital*

**Wolfgang Aulitzky, MD**

*Medical Director, American Austrian Foundation*

*Associate Dean, International Medicine and Distance Learning,*

*Adjunct Prof. of Clinical Urology and Adjunct Prof. of Clinical Reproductive Medicine at the Weill Medical College of Cornell University/New York Presbyterian Hospital*

**Adelaide Barnes, MD**

*Associate Program Director, Pediatrics Residency Program*

*Associate Professor of Clinical Pediatrics*

**Paul Devine Bottone, MD**

*Assistant Professor of Clinical Pediatrics*

**DeMarco Bowen, MD, MPH**

*Assistant Professor of Pediatrics*

*Medical College of Wisconsin, Children's Wisconsin*

**Merrian Brooks, DO, MS**

*Lead Pediatrician & Research Director, Botswana-UPenn Partnership*

*Assistant Professor of Pediatrics*

*CHOP David N. Pincus Global Health Fellow '19*

**Caroline Burkholder, MAUB**

*Senior Sustainability Manager*

*Office of Sustainability, Temple University*

**Lori Byron, MD, MS**

*Instructor, Johns Hopkins Krieger School of Arts and Sciences*

**Marc Callender, MD**

*General Pediatrician*

*The Maryland Pediatric Group*

*CHOP David N. Pincus Global Health Fellow '13*

**Whitney Cameron, DO, MSC, MSCTR**

*Assistant Professor of Pediatrics, UT Southwestern Medical School*

*Pediatric Hospitalist, Children's Medical Center Dallas*

**Clarisse Casilang, MD**

*CHOC Community Pediatrics Lead Physician, Children's Hospital of Orange County  
Assistant Clinical Professor, UC Irvine School of Medicine  
CHOP David N. Pincus Global Health Fellow '19*

**Grace Chan, MD, MPH, PhD**

*Associate Professor of Pediatrics, Harvard Medical School  
Boston Children's Hospital*

**Ashraf Coovadia, MBBCh, DCH, Dip HIV Man**

*Academic Head and Adjunct Professor  
Department of Pediatrics and Child Health, School of Clinical Medicine  
Faculty of Health Sciences, University of the Witwatersrand*

**Pamela Darville, JD**

*Co-Chairperson, POWER Interfaith's Climate Justice and Job Team  
Project Director of Community Climate Shift Initiative*

**Maribel Diaz Vazquez, PhD, MA**

*Professor, Community Nursing  
Santo Toribio de Mogrovejo Catholic University*

**Katherine DiSantis, PhD, MPH**

*Associate Director of the Institute for Smart and Healthy Cities  
Associate Professor of Public Health  
Thomas Jefferson University*

**Wada Goitsewang, MD**

*CHOP David N. Pincus Global Health Fellow (Botswana)*

**Selasie Goka, MD**

*Assistant Professor of Pediatrics, Division of Nephrology*

**Karly Hampshire, MD**

*Resident Physician — New York-Presbyterian/Columbia University Irving Medical Center*

**Meredith Hickson, MD, MS**

*Clinical Assistant Professor of Pediatrics  
Michigan State University School of Human Medicine  
CHOP David N. Pincus Global Health Fellow '24*

**Sara Jumping Eagle, MD**

*CEO, Pine Ridge Service Unit  
Indian Health Service*

**Lubica Kovacicova, MD, PhD**

*Clinical Director and Associate Professor of Pediatrics  
Pediatric Cardiac Intensive Care Medicine and Anesthesia  
National Institute of Cardiovascular Diseases*

**Matthew Kelly, MD, MPH**

*Associate Professor of Pediatrics, Global Health and  
Molecular Genetics and Microbiology  
Duke University School of Medicine  
CHOP David N. Pincus Global Health Fellow '13*

**Suet Kam Lam, MD, MPH, MS**

*Assistant Professor of Pediatrics  
Department of Primary Care Pediatrics, Cleveland Clinic Children's  
Director, Andrew B. Kaufman World Medicine Pathway  
Assistant Medical Director, Cleveland Clinic Breastfeeding Medicine*

**Elizabeth Lowenthal, MD, MSCE**

*Global Health Center Research Director  
Associate Professor of Pediatrics and Epidemiology  
Departments of Pediatrics and Biostatistics, Epidemiology, and Informatics,*

**Swathi Manchikanti, MSPH**

*Climate Adaptation and Health Expert, "UNICEF"*

**Savarra Mantzor, MD, PhD**

*Associate Program Director  
Pediatrics Residency of Idaho, Full Circle Health  
CHOP David N. Pincus Global Health Fellow '17*

**Harleen Marwah, MD, MS**

*Editorial Fellow, New England Journal of Medicine*

**Loeto Mazhani, MD**

*Emeritus Senior Lecturer, Department of Pediatrics and  
Adolescent Health, University of Botswana*

**Hannah Mbono, MD**

*Resident Physician*

**Franco Montalto, PE, PhD**

*Professor, Dept. of Civil, Architectural, and Environmental Engineering  
Drexel University*

**Stephen Nicholas, MD**

*Trustee, Pincus Family Foundation*

**Lisa Patel, RN, BSN**

*Neonatal Intensive Care Unit*

**Eliana Peña González, MD**

*CHOP David N. Pincus Global Health Fellow (Dominican Republic)*

**Anne Reilly, MD, MPH**

*Medical Director, Oncology  
Professor of Clinical Pediatrics*

**Amy Rule, MD, MPH**

*Assistant Professor of Pediatrics in Divisions of Neonatology and Hospital Medicine  
Director, GHOPE Global Health Pediatric Residency Track  
Co-Director of Collaborating Center for Perinatal Equity  
Emory University School of Medicine*

**Joseph St. Geme, III, MD**

*Physician-in-Chief  
Chair, Department of Pediatrics  
Professor of Pediatrics and Microbiology*

**Carlos Sanlley Pagán, PhD**

*Dean of Research and Professor of Environmental Engineering  
Instituto Tecnológico de Santo Domingo (INTEC)*

**Henna Shaikh, MD, MPH**

*Fellow in Neonatal-Perinatal Medicine  
Seattle Children's Hospital and the University of Washington  
CHOP David N. Pincus Global Health Fellow '23*

**Julian Sheather, PhD**

*Consultant in Ethics and Human Rights  
World Health Organization  
Médecins Sans Frontières  
Nuffield Council on Bioethics*

**Perry Sheffield, MD, MPH**

*Professor and Co-Director  
New York State Children's Environmental Health Centers, and  
Departments of Pediatrics and Environmental Medicine and Climate Science at  
the Icahn School of Medicine at Mount Sinai*

**Jonathan Stryko, MD, MSc**

*Assistant Professor of Pediatrics  
CHOP David N. Pincus Global Health Fellow '22*

**Chloe Turner, MD**

*Attending Physician, Children's National Hospital*

*Assistant Professor of Pediatrics, George Washington University School of Medicine and Health Sciences*

*CHOP David N. Pincus Global Health Fellow '15*

**Francisca Vázquez Santana, MD**

*Medical Director, Centro de Salud Divina Providencia*

**Henry Welch, MD**

*Program Director, The Child TB-HIV Project, The Paediatric Society of Papua New Guinea*

*Honorary Lecturer in Child Health, The University of Papua New Guinea School of*

*Assistant Professor of Pediatrics, Baylor College of Medicine*

*Medicine and Health Sciences*

*CHOP David N. Pincus Global Health Fellow '11*

**Kate Westmoreland, MD**

*Assistant Professor of Pediatrics, Division of Pediatric Hematology-Oncology*

*Department of Pediatrics, University of North Carolina School of Medicine*

*CHOP David N. Pincus Global Health Fellow '15*