

National Academy of Medicine Grand Challenge on Climate and Health



**CLIMATE
GRAND
CHALLENGE**

NAM Overview

- **Neutral and independent convener:** NAM has unparalleled capacity to bring together public, private, and non-profit leaders
- **Preeminent membership and network:** NAM uniquely positioned to mobilize health professionals to be agents for change
- **Trusted messenger:** NAM's objectivity and rigorous, evidence-based processes make us a trusted advisor on health, healthcare, and the biomedical sciences
- **NAM Grand Challenges** in Health and Medicine seek to “inspire the nation and the world to coalesce around shared priorities and audacious goals for addressing the big challenges and opportunities in science and medicine” and to “set aspirational and open-ended goals to inspire action at many levels”

(Dzau, 2015)

The Health Sector's Imperative



PATIENT HARM

7M Deaths From Air Pollution

World Health Organization



ECONOMIC HARM

\$21T Excess Health Costs By 2050

World Bank



CREATING UNKNOWNs TODAY

~50%+ in dengue transmission potential

UNFCCC



TRUSTED MESSAGERS

76% trust physicians (2025)

The Lancet



MESSAGE THAT MOTIVATES

70% health impacts increase concern

GMU/Yale Climate Communications



HEALTH SECTOR CONTRIBUTIONS

8.5% of Total U.S. Emission

National Academy of Medicine

Climate Grand Challenge Overview

Goal: Improve and protect human health and well-being by working to transform systems that both contribute to and are impacted by climate change.

Strategic objectives:

- **Catalyze the U.S. health sector to reduce its carbon footprint and improve its resilience**
- **Develop a roadmap for systems transformation**
- **Accelerate research and innovation**
- **Reduce climate-related health inequities**
- **Communicate the climate crisis as a public health and equity crisis**

Six Levers to Transform Climate & Health



COMMUNITIES

Clim a te Com m unities Network
Local Leadership, National Reach



U.S. HEALTH SECTOR

Clim a te Colla bora tive
Building a Sustainable and Resilient HC Sector



RESEARCHERS

Research and Innovation
From Evidence Gaps to Action



PUBLIC HEALTH COMMUNICATORS

Com m unications
The Climate Crisis is a Public Health Crisis



TRANSFORMATIONAL GLOBAL LEADERS

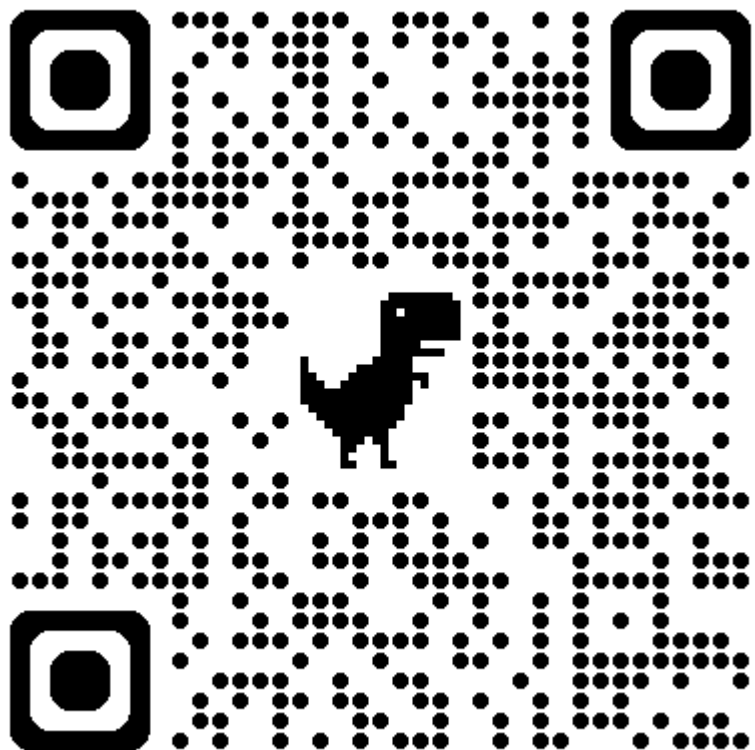
Tra nsform ing System s
Health for All At Net-Zero



GLOBAL ACADEMIES

Glob al Pa rtnerships
Our Unique Role

Impact Report



CGC Listserv

