

# Shared Challenges and Opportunities in Aging and Disaster Management: Potential for U.S.-Cuba Scientific Collaboration

**Opening Session: Overview of U.S. and Cuban Priorities on International  
Research for Public Health and the Environment**

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March 19, 2024

# Public Health Approach

## *WHAT IS A PUBLIC HEALTH APPROACH?*

- Population-Based
- Not Duplication
- Enhancing Sustainability
- Systems, Environments, & Policies



# National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP)

Our mission is to help people and communities prevent chronic diseases and promote health and wellness for all. While Alzheimer's disease and related dementias cannot be prevented, we know there are several known risk factors that we can work to reduce. The divisions within NCCDPHP help to address different forms of ADRD risk reduction.



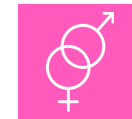
Heart Disease & Stroke



Tobacco Use



Diabetes



Reproductive Health



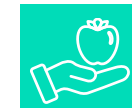
Oral Health



Cancer



Population Health



Nutrition, Physical Activity, & Obesity

# Alzheimer's Disease and Related Dementias (ADRD) in the United States

CDC is committed to a collaborative and coordinated public health approach to promote healthy aging and reduce the risk for cognitive decline and dementia.

**5<sup>th</sup> Leading Cause of Death**  
among Americans aged 65  
and older.



**1 in 3 Older Americans**  
dies with Alzheimer's or  
another dementia.

# National Plan to Address Alzheimer's Disease

The national plan serves as a roadmap for addressing Alzheimer's disease and related dementias. The plan is comprised of 3 guiding principles and 6 goals.

## GUIDING PRINCIPLES



## GOALS

**Goal 1: Prevent and Effectively Treat Alzheimer's Disease and Related Dementias by 2025**

**Goal 2: Enhance Care Quality and Efficiency**

**Goal 3: Expand Supports for Individuals and their Caregivers**

**Goal 4: Enhance Public Awareness and Engagement**

**Goal 5: Improve Data to Track Progress**

**New Goal 6:**  
Accelerate Action to Promote Healthy Aging and Reduce Risk Factors for AD/AR

Pre-symptomatic

Symptom Onset

Mild

Moderate

Severe

Dementia

# Building Our Largest Dementia Infrastructure Program



BOLD is designed to create a strong public health infrastructure for dementia and dementia caregiving. Bold includes 2 components and 3 guiding principles.

2 COMPONENTS

## The BOLD Public Health Programs

Funds 43 public health department across the US to build the public health infrastructure across the US for ADRD and caregiving.

## The BOLD Public Health Centers of Excellence

Funds 3 Centers that provide technical assistance to public health departments across the County in implementing effective interventions.

3 PRINCIPLES



Establishes  
Alzheimer's Centers  
of Excellence



Provides funding for  
public health departments  
across the country



Increases timeliness  
and availability of data  
and research

# National Healthy Brain Initiative (NHBI)



Promotes brain health in populations with a high burden of Alzheimer's disease and related dementias. The initiative creates and expands partnerships, collects and reports data, increases awareness of brain health, & supports implementation of the HBI Road Map series.

## The HBI Road Map

- Provides actionable steps to promote brain health, address cognitive impairment, and supports the needs of caregivers.
- Developed around 4 Essential Public Health Services and 3 guiding principles.
- Consists of 25 actions for state and local public health agencies and their partners to accomplish.
- Focuses on 3 Strategies :
  - Educate and empower community members
  - Collect and use data
  - Strengthen the workforce



# Caregiving and Caregiver Health

## 2022 National Strategy to Support Family Caregivers

Supports 5 Priority Areas for Action:

1. Awareness and Outreach for Family Caregivers
2. Engagement of Family Caregivers as Partners in Healthcare and Long-Term Services and Supports
3. Services and Supports for Family Caregivers
4. Financial and Workplace Security for Family Caregivers
5. Research, Data, and Evidence-Informed Practices





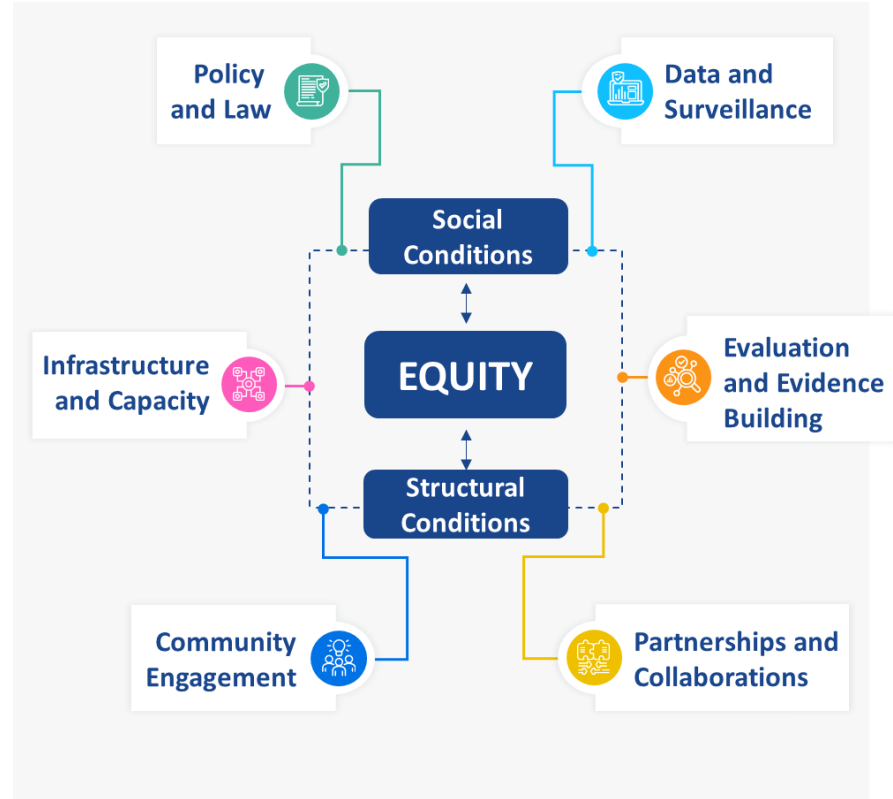
# Addressing the Social Determinants of Health

The Social Determinants of Health (SDOH) are the conditions in which people are born, grow, work, live, and age.

Also known as non-medical factors that influence health and health outcomes, they serve as a pathway to advancing health equity.

## NCCDPHP High Priority SDOH

-  Social Connectedness
-  Community Clinical Linkages
-  Tobacco-Free Policy
-  Food & Nutrition Security
-  Built Environment



# Thank you!

For more information, contact CDC  
1-800-CDC-INFO (232-4636)  
TTY: 1-888-232-6348 [www.cdc.gov](http://www.cdc.gov)

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

