



**HEARTLAND**

COGNITIVE CARE COLLECTIVE

# Welcome to the Inaugural Heartland Cognitive Care Collective!

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**HEARTLAND**  
COGNITIVE CARE COLLECTIVE



The Inaugural HCCC Summit  
was supported with generous contributions by:



## COGNITIVE NEUROLOGY

Cerebrovascular  
DiseaseMovement  
Disorders

Epilepsy

**Cognitive  
Neurology**General  
Neurology

Neuropsychology

Clinical  
Electrophysiology

Neuromuscular

Neuroimmunology

## Welcome from the Division Director

We welcome you to the Division of Cognitive Neurology at the University of Iowa Health Care!

The UIHC is recognized for innovation, excellence, and leadership in the treatment of cognitive and memory disorders.

Our physicians and surgeons are national leaders in their respective specialties and constantly strive for excellence by participating and presenting in national/international conferences, as well as conducting clinical and basic science research.

Our [Neurology Residency](#) educates the next generation of academic neurologists. Founded in 1919, the University of Iowa Department of Neurology is the third oldest in the United States, and its residency program was one of the first to be accredited. This tradition of excellence continues with a department full of energetic, forward-thinking, thought-provoking, bright clinicians and scientists, committed to training today's neurologists.

**HyungSub Shim, MD**Director of Cognitive  
Neurology*Clinical Assistant Professor of  
Neurology**Department of Neurology*

ACADEMIC PROFILE



## What is Cognitive Neurology?

**Cognitive neurology** a specialized branch of neurology dedicated to diagnosing and treating disorders that impair cognitive functions, including memory, language, attention, and problem-solving abilities.

This field encompasses a wide range of conditions, such as Alzheimer's disease, frontotemporal dementia, and other neurodegenerative diseases that significantly affect cognitive capabilities.

**Division Faculty  
Members**

Explore more about our faculty's expertise, innovative research, and contributions to advancing patient care.

LEARN MORE →





## Georgina Aldridge, MD, PhD

Assistant Professor of Neurology

✉ [georgina-aldrige@uiowa.edu](mailto:georgina-aldrige@uiowa.edu)

BS in Biology, Cornell University

**MD** University of Illinois

**PhD** in Neuroscience, University of Illinois

**Residency** in Neurology, University of Iowa

**Research Fellowship** in Neurodegeneration, University of Iowa

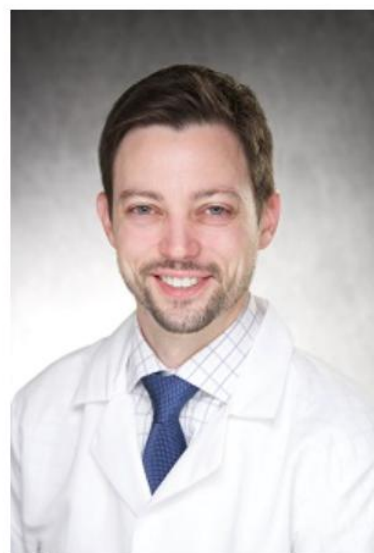
[aldrige.lab.uiowa.edu/](http://aldrige.lab.uiowa.edu/)

*All dementias, with special interest in Lewy Body Dementias and mixed dementias with psychiatric symptoms.*

*-Lewy Body Multidisciplinary Clinic*

*-Smash Registry (digital biomarkers)*

*-Brain-bank/ Autopsy research (all-cause dementias)*



## Joel Geerling, MD, PhD

Associate Professor of Neurology

✉ [joel-geerling@uiowa.edu](mailto:joel-geerling@uiowa.edu)

**PhD** in Neuroscience, Washington University

**MD** in Medicine, Washington University

**Residency** in Neurology, Harvard/Beth Israel Deaconess

**Fellowship:** Cognitive and Behavioral neurology,

Beth Israel Deaconess/Harvard

[www.geerlinglab.com](http://www.geerlinglab.com)

*All dementias, with special interest in Normal Pressure Hydrocephalus and difficult diagnostic cases.*



## HyungSub Shim, MD

Clinical Associate Professor of Neurology

✉ [hyungsub-shim@uiowa.edu](mailto:hyungsub-shim@uiowa.edu)

BA in Linguistics, Neuroscience, Biology, Lawrence University

**MD**, Medical College of Wisconsin

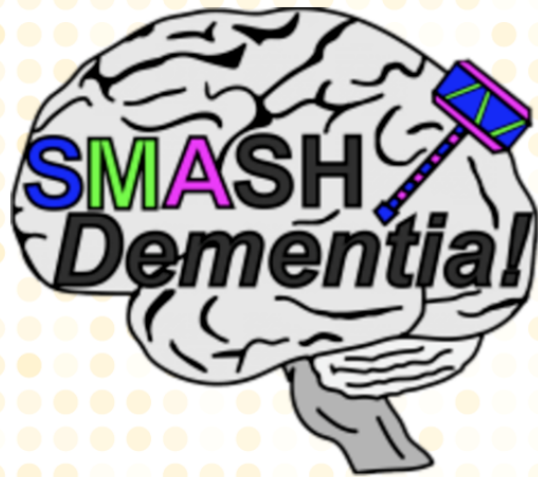
**Resident** in Neurology, University of Iowa

**Fellowship:** Behavioral Neurology and Neuropsychiatry,  
Northwestern University

*All dementias, with added training in vascular dementia and stroke overlap.*

*Cognitive Division Clinical Director*

# Patient Research



## Ongoing Research

### SMASH Dementia!

This is a study and patient registry designed to help better understand how sleep, mood, and arousal symptoms are interconnected in patients with dementia and healthy aging participants. The study is currently funded through a Research Program of Excellence through the Iowa Neuroscience Institute and the Roy Carver Charitable Trust. For more information, please see the "SMASH Dementia!" tab.

Human Autopsy Research: Please remember to sign up to eventually donate your brain to science, regardless of your age or state of health. There is no better donation and we need your help. For more information, speak with your neurologist, contact Dr. Aldridge, or [CLICK HERE](#).

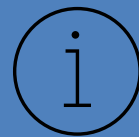




**IOWA**

**College of Nursing**

Barbara and Richard Csomay  
Center for Gerontological Excellence



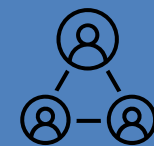
**Access to Resources**



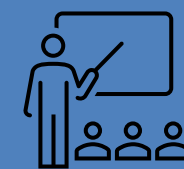
**Community Engagement**



**Caregiver Support**



**Networking Opportunities**



**Aging Education**



## **Iowa Nursing Home Quality Care Coalition**

<https://igec.uiowa.edu/iowa-nursing-home-quality-coalition>

- Quality Improvement Strategies
- Emergency Preparedness
- Collaboration, Best Practices & Support



## **Research Centered on Cognitive Aging**

- Cognitive Care Planning in Adults
- Lifestyle Factors for Resilience
- Dementia Prevention & Care in Rural Communities



## **Identifying & Preventing Risk Factors for Dementia**

- Stress, Biology & Cognitive Decline
- Dementia Risk & Brain Health in Underrepresented Populations



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*Connect Today!*

[CSOMAYCENTER.UIOWA.EDU](https://CSOMAYCENTER.UIOWA.EDU)



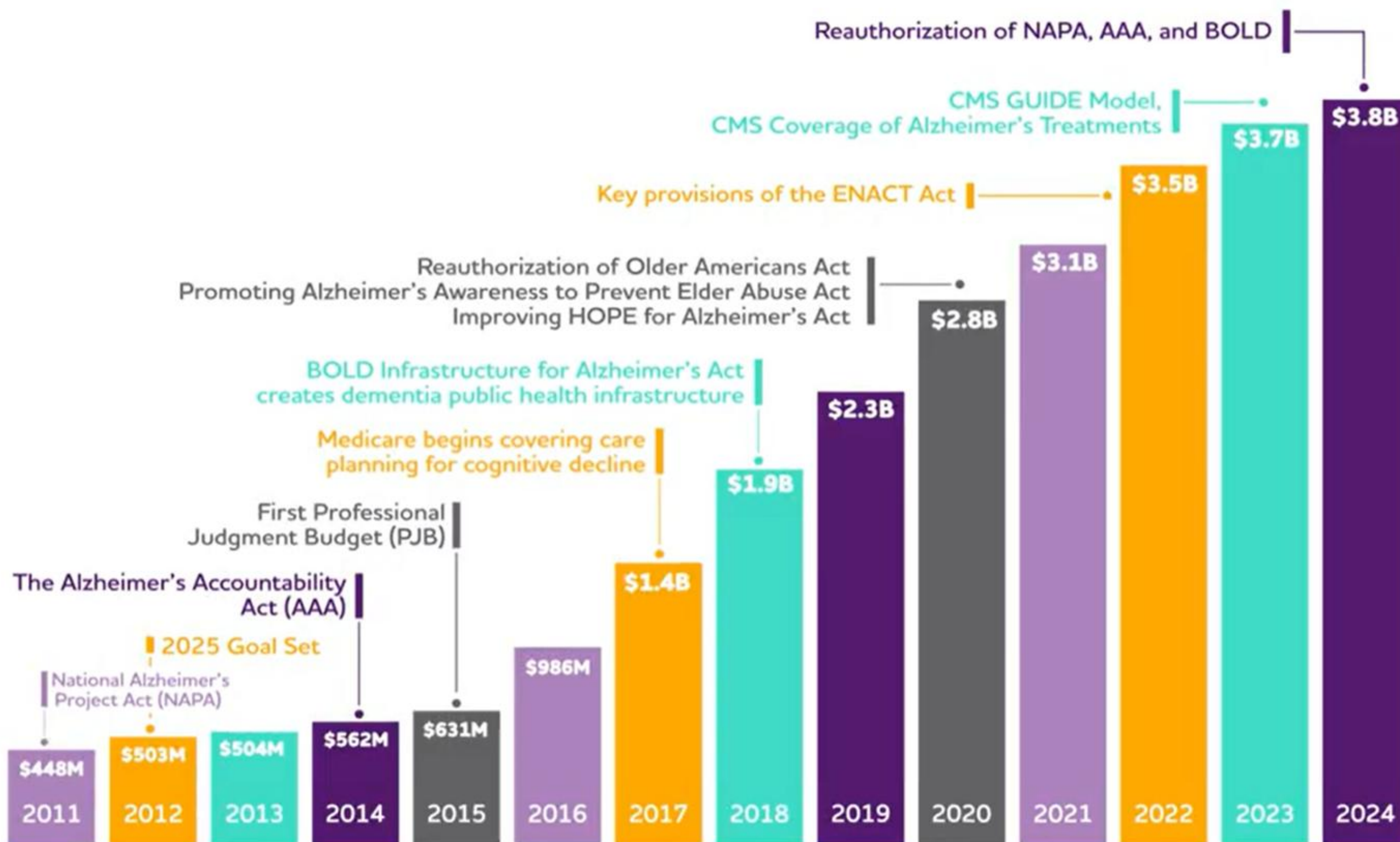


# Alzheimer's Impact Movement & Alzheimer's Association:

A BOLD Case Study

## THANKS TO YOUR ADVOCACY

Congress has been taking action in the fight against Alzheimer's.





# Building Our Largest Dementia (BOLD) Infrastructure for Alzheimer's Act

P.L. 115-406

# Public Health Promotes & Protects

At the community level





# What Makes Alzheimer's a Public Health Concern?



The burden  
is  
**LARGE**

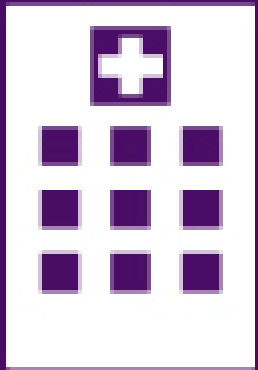


The impact  
is  
**MAJOR**



There are ways  
to  
**INTERVENE**

# Overview:



Establishes Alzheimer's  
Centers of Excellence



Provides funding for  
public health departments  
across the country



Increases data  
collection, analysis  
and timely reporting



# The BOLD Infrastructure for Alzheimer's Act

## Directs CDC to:

### Establish Alzheimer's Centers of Excellence

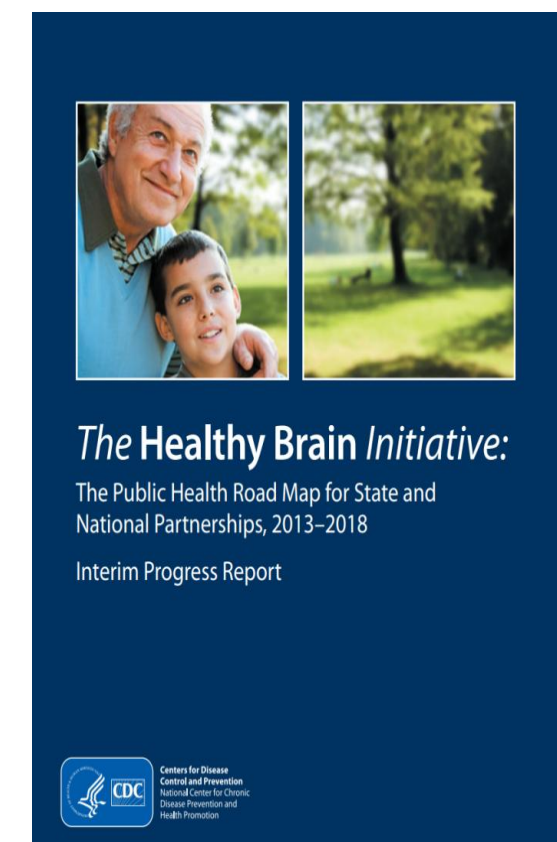
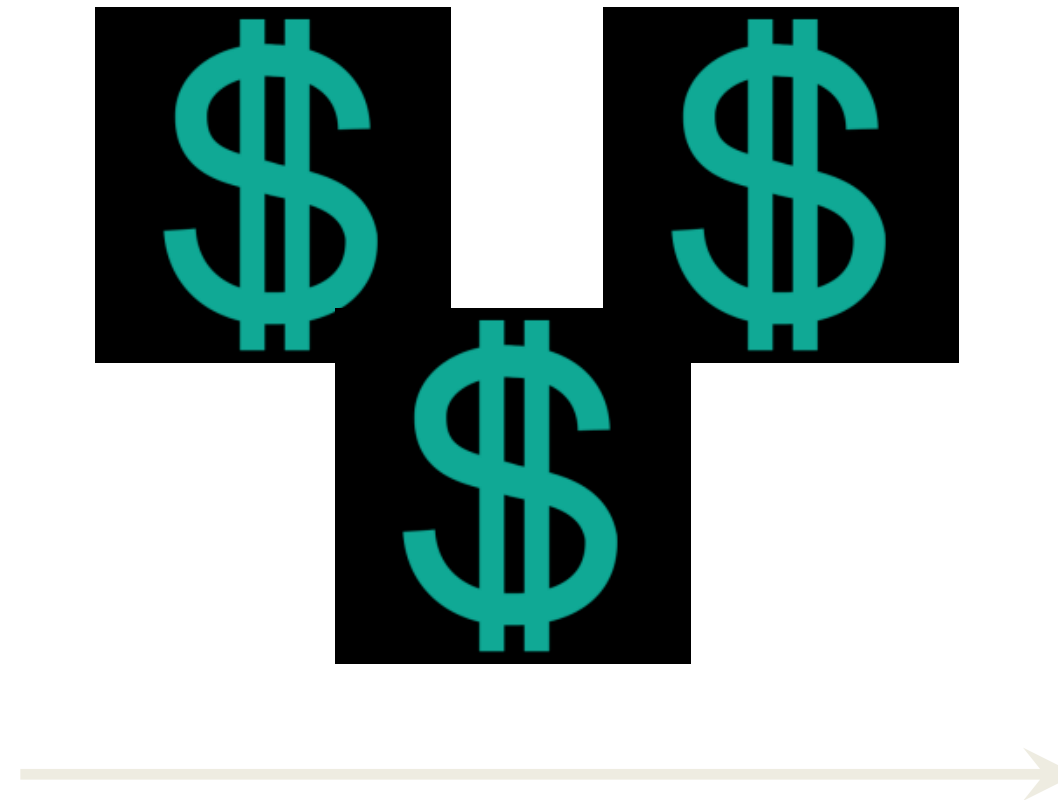
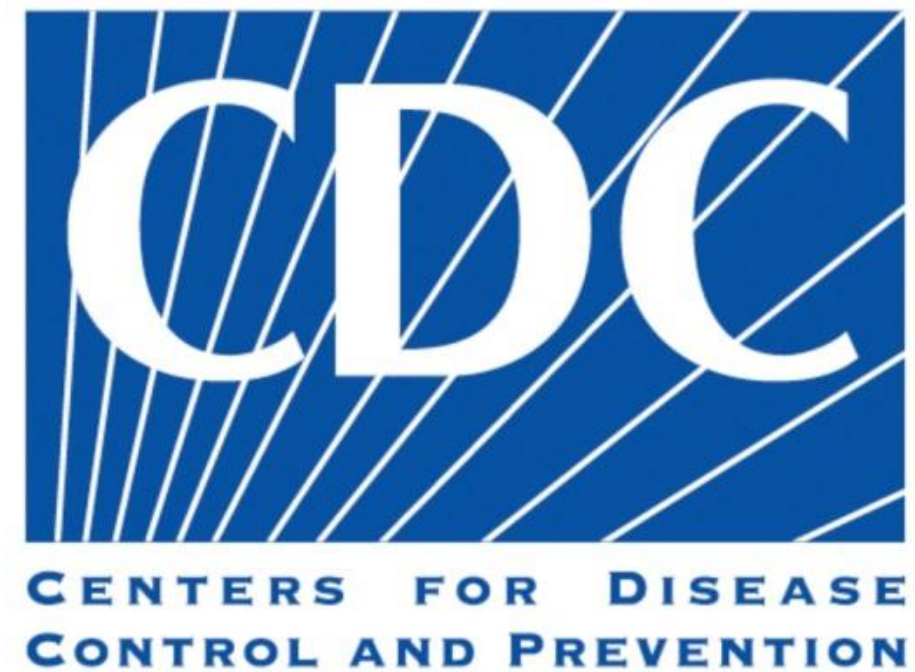
Increasing education of public health officials, healthcare professionals & the public on Alzheimer's

Implementing strategies to improve early detection and diagnosis, reduce risk, and prevent avoidable hospitalizations

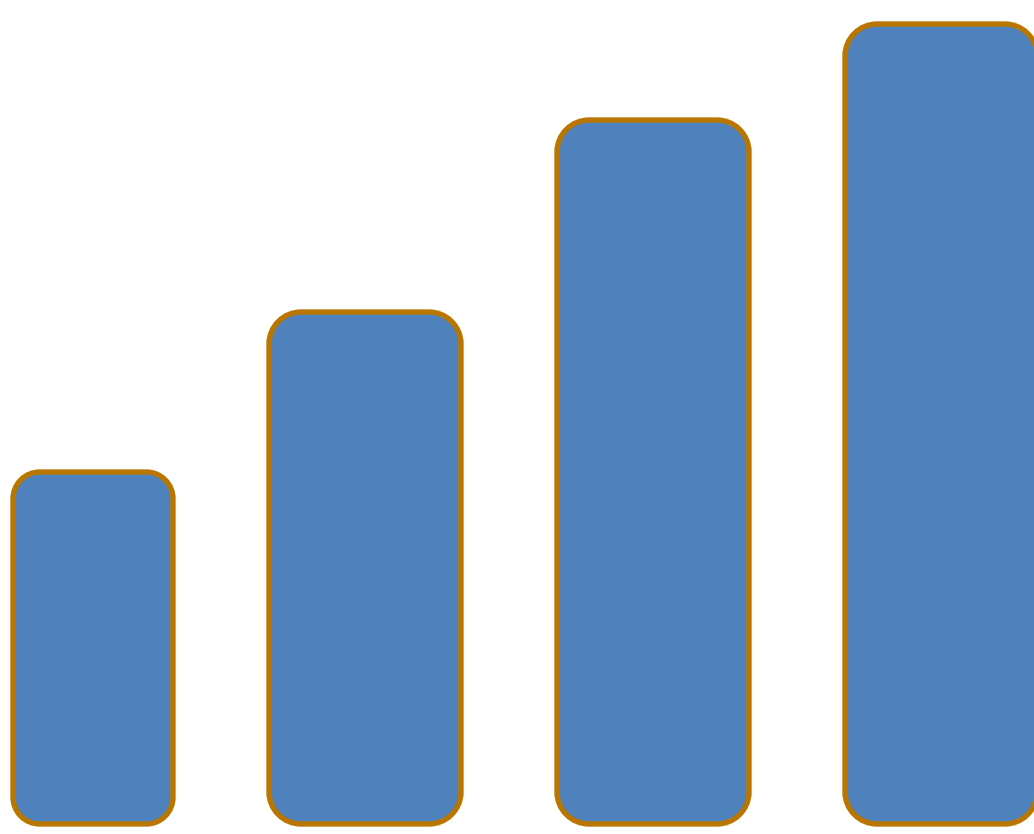


# Award cooperative agreements to public health departments

Helping public health departments implement effective Alzheimer's interventions and strategic action items identified in the *Public Health Road Map*







Increase data collection, analysis and timely reporting

**Data helps stakeholders track public health response progress and identify opportunities for public health interventions**

Data is collected using tools like Behavioral Risk Factor Surveillance System (BRFSS)



# Senate Sponsors



Senator Susan Collins  
(R-ME)



Senator Shelley Moore Capito  
(R-WV)



# House Sponsors



Representative Brett Guthrie  
(R-KY)



Representative Paul Tonko  
(D-NY)



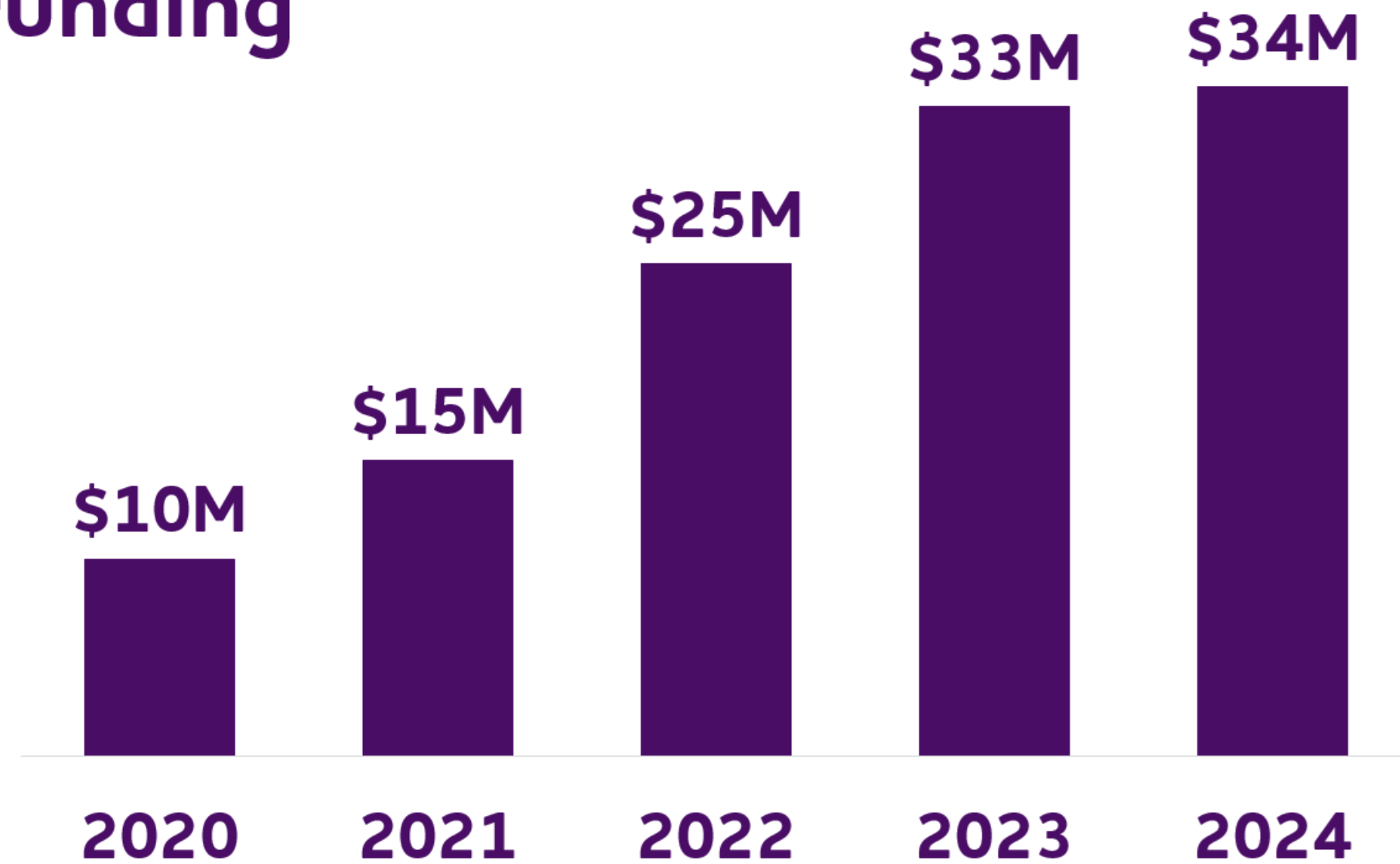
Representative Chris Smith  
(R-NJ)



Representative Maxine Waters  
(D-CA)

# BOLD Funding History

## BOLD Infrastructure for Alzheimer's Act Annual CDC Funding





# Why BOLD Reauthorization was Needed

- **The BOLD Infrastructure for Alzheimer's Act would have expired on September 30, 2024.** Continuing to invest in a nationwide Alzheimer's public health response will help create population-level improvements, achieve a higher quality of life for those living with the disease and their caregivers, and reduce associated costs.
- As scientists continue to search for a way to prevent, cure, or slow the progression of Alzheimer's through medical research, **public health can play an important role in promoting cognitive function and reducing the risk of cognitive decline.**
- Only about half of Medicare beneficiaries who have a diagnosis of Alzheimer's or another dementia in their Medicare billing records report being told of the diagnosis. Because Alzheimer's is often underdiagnosed — and if it is diagnosed by a clinician, people appear to often be unaware of their diagnosis — **a large portion of Americans with Alzheimer's may not know they have it.**
- Early detection and diagnosis of Alzheimer's and other dementias allows people to access available treatments, build a care team, benefit from care planning sessions, participate in

# 2023-2028 BOLD Program Awards

## Total Awards = 43

