





FEDERAL UPDATES



INDIAN HEALTH SERVICE



INDIAN
HEALTH
SERVICES

OCPS – Division of Clinical & Community Services

Dr. Bruce Finke
Elder Health Consultant

NAPA Advisory Council Federal Update
October 24, 2022

IHS Alzheimer's Grant Program



Funding:
FY 2021: \$5M
FY 2022: \$5.5M

Addressing Dementia in Indian Country: Models of Care

“...to support the development of models of comprehensive and sustainable dementia care and services in Tribal and Urban Indian communities that are responsive to the needs of persons living with dementia and their caregivers.”

Awardees

- The Indian Health Board of Minneapolis, Inc.
- The Indian Health Council, Inc.
- The Nez Perce Tribal Health Authority
- The Northern Valley Indian Health



Addressing Dementia in Indian Country: Models of Care

- **The Indian Health Board of Minneapolis, Inc.**
 - Standardize diagnostic approach, using culturally appropriate toolkits
 - Culturally relevant outreach materials, working with CHRs, and elders
 - Early recognition using the Mini-Cog
 - Strengthen referral networks and resources
 - Caregiver support and coaching
- **The Indian Health Council, Inc.**
 - Use AWW to increase early diagnosis
 - Training for front-line staff in cognitive screening and recognition cognitive Impairment
 - Interdisciplinary assessment and care planning (using Medicare codes)
 - Integrated care management by RN care manager with training in ADRD
 - Formalize referral networks with Tribal and other organizations providing services in the community
 - Patient-center care planning and access to specialized services
 - Caregiver support using PHNs and CHRs and links to support services in the community
- **The Nez Perce Tribal Health Authority**
 - Clinical staff training in early recognition and diagnosis
 - Development of partnerships with Tribal services in the community to increase recognition of cognitive impairment and services.
 - Caregiver needs assessment and supportive services
- **The Northern Valley Indian Health**
 - Increase early recognition and referral for individuals with cognitive impairment
 - Use of AWW to recognition leading to assessment and care planning
 - Caregiver coaching and support
 - Individualized health plans integrating caregivers

Education & Training

<https://www.ihs.gov/dccs/alzheimers/alztraining/>

Indian Health Geriatric Scholars Pilot

- 18 Scholars from 14 IHS, Tribal, and Urban programs
 - Initially sought 8 Scholars, accepted 19
 - Physicians, NPs, PAs, and pharmacists
- 18 completed intensive training and participated with their VA colleagues in a geriatric QI workshop
- Now defining the direction of their improvement work in their home facility

Early Detection Initiative

- Training in dementia and early recognition provided to IHS, Tribal, and Urban dentists and hygienists in partnership with the NYU Bold Center of Excellence in Early Detection of Dementia
- IHS Department of Oral Health has developed an RFP to recruit up to 12 sites to test integration of an early detection strategy into Oral Health programs.

Geriatric ED Accreditation Initiative (IHS Division of Nursing)

- Now 11 IHS and Tribal EDs seeking accreditation as Geriatric EDs
- Collaboration with ACEP, funding from the John A. Hartford and West Foundations

On-line training links to:

- [HRSA Dementia Curriculum](#)
- VA training through the [TRAIN](#) platform

And...

- Work is accelerating with the onboarding of two new staff:
Dr. Jolie Crowder, Elder Health Consultant
Valerie Jones, Elder Health Data Consultant
- Enhancements to the IHS Alzheimer's Grant Program website: www.ihs.gov/dccs/alzheimers
- Building a community: [IHS Elder Care LISTSERV](#)

CDC UPDATES

LISA C. MCGUIRE, PHD



Centers for Disease Control and Prevention

National Center for Chronic Disease Prevention and Health Promotion

Division of Population Health

Presented October 24, 2022, to National Alzheimer's Project Act (NAPA) Advisory Council Quarterly Meeting

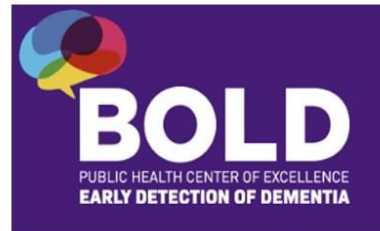


[Public Health Action to Advance Early Detection of Dementia National Virtual Symposium](#)



OCTOBER 25 - OCTOBER 27
1:00 PM - 5:00 PM

The BOLD Public Health Center of Excellence is hosting a **free** virtual symposium. The symposium is a three-part program will have interactive workshops where participants can share dementia detection goals and efforts with peers to identify areas for collaboration and improvement.



bolddementiadetection.org

[Register today](#)

9

National Summit on Dementia Risk Reduction



SAVE THE DATE: Dementia Risk Reduction Summit



Dementia Risk Reduction Summit
May 16-17, 2023
Atlanta, GA

- First-ever Dementia Risk Reduction Summit, sponsored by BOLD Public Health Center of Excellence on Dementia Risk Reduction, to be held on main CDC campus on May 16-17, 2023
- Will focus on how public health can address dementia risk factors across the public health prevention spectrum, including by addressing organizational practices, working with health systems and providers, and engaging coalitions and partnerships
- Registration will open in early 2023

10



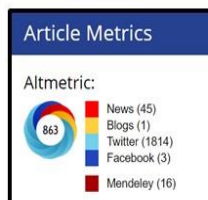
Featured Publication

Modifiable Risk Factors for Alzheimer Disease and Related Dementias Among Adults Aged ≥45 Years — United States, 2019



Adults aged ≥45 years with subjective cognitive decline (SCD), worsening memory loss or more frequent confusion, were more likely to report four or more risk factors compared with those without SCD (34.3% versus 13.1%). Prevalence of SCD increased from 3.9% among adults with no risk factors to 25.0% among those with four or more risk factors.

Learn more: [Full article](#), [Podcast](#), [Blog](#), [Web Feature](#), Medscape CE (forthcoming)



Reducing Risk of Alzheimer's Disease Web Feature



Promoting healthy aging and reducing the risk of Alzheimer's Disease is a national priority. Goal 6 of the National Plan to Address Alzheimer's Disease promotes health behaviors such as increasing physical activity, eating a healthy diet, and quitting cigarette smoking and excessive drinking

Learn more: [Podcast](#), [Web Feature](#), [Full Article](#)

Dementia Risk Reduction Thematic Network



2022-2024: New two-year Prevention Research Center (PRC) thematic network

- Implement evidence-informed interventions and solutions to reduce risk for ADRD and improve quality of life for persons with mild symptoms of cognitive decline.
- Focus on modifiable risk factors identified by NAPA and populations most at risk
- Increase collaborative efforts between institutions on ADRD risk reduction

Collaborating Centers

- **University of Illinois – Chicago**: Improve physical activity among older Spanish-speaking Latinos with symptoms of cognitive decline through dance programs.
- **University of South Carolina**: Mindful walking program for sustaining cognitive function in older African Americans at risk for ADRD
- **Washington University – St. Louis**: Culturally tailored, evidence-based physical activity intervention to reduce the onset of symptomatic ADRD in Black patients

13

Healthy Brain Resource Center



The Healthy Brain Resource Center (HBRC) is a one-stop, easy-to-navigate website that helps users find credible information and materials to support implementing the Healthy Brain Initiative Road Map.

The HBRC currently features over 150 publicly available resources and will continue to be updated with new content regularly.

- CDC-verified resources and information all in one location.
- Robust search functions to quickly access information.
- A [user manual](#) and [orientation video](#) provide guidance on how to use the HBRC.
- Rolling content [submissions](#) accepted

14

Implementation of Gerontological Society of America (GSA) KAER in Primary Care



2020-2022: [University of Washington \(UW\)](#) awarded two-year Prevention Research Center (PRC) Special Interest Project (SIP)

- Improve care of patients with dementia in primary care
- Earlier detection
- Improved management
- Community resources
- Provide support to PCPs and Clinics
- [GSA KAER model and tools](#) to support implementation



Cognition in Primary Care

2022-2024: UW to begin new two-year contract

- Make improvements to its [Cognition in Primary Care](#) program, including streamlining provider trainings and Electronic Health Record (EHR) tools
- Suggest revisions to GSA KAER model
- Expand implementation

15

Data Modernization for Dementia



- Current Alzheimer's disease and related dementias (ADRD) public health research, surveillance, and evaluation activities utilize data sources with inherent limitations (e.g., self reported data, administrative or claims data)
- Potential benefits of integrating and analyzing available data sources in an aggregated manner to help overcome limitations and support decision making

2022-2025: [MITRE](#) (Health Federally Funded Research and Development Center) to begin new 3-year contract

Purpose: to identify and develop, test, and evaluate a data infrastructure and process that leverages aggregated data sources to address public health use cases for ADRD

- 1) Identify potential use cases of a public health data strategy for ADRD
- 2) Identify and assess existing relevant data sources
- 3) Develop, test, and validate a data processing methodology
- 4) Develop a process to integrate enhanced data methodology into existing agency systems and platforms

16

Road Map Strategist Initiative



A Nationwide Effort to Build Local Public Health Capacity to Address Brain Health



The Road Map Strategist is a systems change agent tasked with mobilizing a public health response to dementia

Local health departments and Tribal health organizations develop organization capacity through...

- Training, technical assistance, peer support
- Direct funding
- Integration of cognitive health and caregiving into department activities
- National recognition and networking to inspire the broader community



Road Map Strategist Awardees



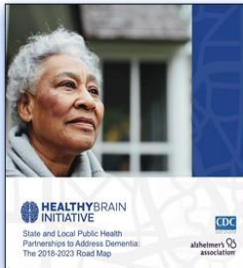
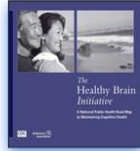
First Cohort (2021 – 2022)

- California – Placer County Public Health Division
- Colorado – Tri-County Health Department
- Florida – Florida Department of Health in Nassau County
- Florida – Florida Department of Health in Sarasota County
- Georgia – Emanuel County Health Department
- Massachusetts – Framingham Department of Public Health
- Maryland – Baltimore City Health Department
- Ohio – Summit County Public Health

Second Cohort (2022 – 2023)

- Alaska - Aleutian Pribilof Islands Association
- California - Los Angeles County Department of Public Health
- Georgia - West Central Health District
- North Dakota - Barnes City-County Health District
- Ohio - Franklin County Public Health
- Tennessee - Knox County Health Department
- Texas - Cameron County Public Health
- Wisconsin - Village of Greendale Health Department





Healthy Brain Initiative Continues Public Health Momentum by Kicking Off Next Road Map Development



Workgroup Topic Areas

- Risk reduction of cognitive decline
- Early Detection, Diagnosis and Management of cognitive impairment
- Dementia Caregiving
- Health Equity
- Community Linkages

Cross Cutting Themes

- Recognize stigma associated with mild cognitive impairment and dementia
- Respect cultural considerations
- Consider social determinants of health
- Rely on data for planning, design, monitoring and evaluation
- Anticipate “what if” factors that may change the landscape (e.g., scientific advances in biomarkers or treatment, long COVID’s effect on brain health)
- Adopt systems approach for sustainability
- Discuss Alzheimer’s disease and related dementias



HEALTHYBRAIN INITIATIVE

Road Map Series

Leadership Committee



Co-Chair: Lisa McGuire, PhD, Centers for Disease Control and Prevention
Co-Chair: Kristen Clifford, MBA, Alzheimer's Association
James Appleby, ScD (Hon), MPH, The Gerontological Society of America
Barak Gaster, MD, University of Washington
J. Nadine Gracia, MD, MPH, Trust for America's Health
David Hoffman, DPS, CCE, Albany Medical College
Peter Holtgrave, MA, MPH, National Association of County and City Health Officials
Ian Kremer, JD, Leaders Engaged on Alzheimer's Disease
Ocean Le, MS, Diverse Elders Coalition
Sarah Lenz Lock, JD, AARP

Marti Macchi, MEd, MPH, National Association of Chronic Disease Directors
Sandy Markwood, MS, USAgings
David Marquez, PhD, MA, University of Illinois Chicago
Kristi Meyer, MBA, Aetna, a CVS Health Company
Marcus Plescia, MD, MPH, Association of State and Territorial Health Officials
Martha Roherty, MPP, ADvancing States
Eduardo Sanchez, MD, MPH, FAAFP, American Heart Association
Diane Ty, MBA, Milken Institute Center for the Future of Aging
Mike Wittke, MPA, National Alliance for Caregiving
Kristine Yaffe, MD, University of California San Francisco



HEALTHYBRAIN INITIATIVE

Road Map Series

Revision Timeline



June 2022	Summer/Fall	Winter/Spring	Summer 2023
Leadership Committee Convenes	Workgroup and Expert Input	Drafting, Reviewing, and Designing	Release and Promotion!
Experts provided guidance and perspective to shape the next version of the HBI Road Map and Public Health's role in reducing the population impacts of cognitive decline	Convene topic-specific workgroups to discuss, generate, and prioritize recommendations for the next HBI Road Map Features: public input period	Synthesize comments, feedback, and input to generate the background, content, and actions of the next HBI Road Map Features: equity lens	Broad dissemination and engagement of the release Features: media outreach, partner promotion, public health engagement



Date

Staffing Study to Establish Minimum Staffing Requirements for Nursing Home

- Part of the White House initiative to improve the safety and quality of nursing home care
- CMS tasked to establish minimum nurse staffing requirements using a multi-faceted approach, including a staffing study
- Study launched in August 2022
- Purpose is to identify a minimum staffing level, which would include RNs, LPNs/LVNs, and CNAs, that will establish a threshold below which residents would be at increased risk of not receiving safe and quality care
- Main study tasks include:
 - Literature Review
 - Quantitative Analyses
 - Site Visits and Related Analyses
 - Cost Analyses
 - Stakeholder Engagement

(Strategy 2.A)



Medicaid Expansion of Home and Community-Based Services for Older Adults and People with Disabilities

Part of the White House initiative to ensure all older adults and people with disabilities receive the care they need within the comfort of their home or community

- [Strengthening and Investing in HCBS Through Section 9817 of the American Rescue Plan](#)
 - Provides additional federal funding to states to enhance, expand, or strengthen Medicaid HCBS
- [Expansion of Money Follows the Person \(MFP\) demonstration program](#)
 - Awarded \$25 million in planning grants to five new states and territories to expand access to home and community-based services (HCBS) through Medicaid's MFP demonstration program

(Strategy 2.H)



Center of Excellence for Behavioral Health in Nursing Facilities

SAMHSA and CMS are pleased to announce the development of the Center of Excellence for Behavioral Health in Nursing Facilities (COE-NF)

- The COE-NF will:
 - serve as a centralized hub and national model for expanding capacity in nursing facilities to care for residents with a variety of behavioral health needs
 - provide nursing facilities the ability to request direct technical assistance through the Center of Excellence's webpage or the national COE-NF call center
 - develop and disseminate substance use and mental health curriculum and resources, deliver evidence-based live and on-demand trainings, and promote behavioral health equity and workforce development related to treatment and recovery for staff who serve individuals with Serious Mental Illness (SMI), Serious Emotional Disturbance (SED), Substance Use Disorders (SUD), or Co-occurring Disorder (COD) in nursing facilities

You can find out more about the COE-NF at https://bit.ly/COE_BH_NursingFacility



Request for Information on Person-Centered Care Planning for Multiple Chronic Conditions (MCC)



- AHRQ is requesting public comments to inform its work on improving care for persons at risk for or living with MCC.
- This RFI seeks comment on the current state of comprehensive, longitudinal, person-centered care planning for persons with MCC, including existing and innovative models used in practice, scale of implementation, implementation barriers and facilitators, and promising solutions to overcome barriers.
- Input is sought across a variety of care settings and respondents, including:
 - Primary care, other ambulatory settings, and home.
 - Clinicians, researchers, quality measure developers, patient advocacy groups, clinical professional societies, payers, healthcare delivery organizations, health IT directors and vendors, persons at risk for or living with MCC, and higher education institutions that train those involved in community health and education.
- ~15-20 public comments/inquiries received to date.
- Responses must be submitted to MCC@ahrq.hhs.gov by November 15, 2022.
- Link: <https://www.federalregister.gov/documents/2022/09/16/2022-20027/request-for-information-on-person-centered-care-planning-for-multiple-chronic-conditions-mcc>

NIDDK/AHRQ e-Care Plan for Multiple Chronic Conditions Project

Build capacity for pragmatic, patient-centered outcomes research (PCOR) by developing an **interoperable electronic care plan** to facilitate aggregation and **sharing of critical patient-centered data** across **home-, community-, clinic- and research-** based settings for people with **multiple chronic conditions (MCC)**.

<https://ecareplan.ahrq.gov/>



NIH National Institute of Diabetes and Digestive and Kidney Diseases

28

Comprehensive Shared Care Plan Definition:
US Department of Health and Human Services 2015 stakeholder
panel

- Gives the person **direct access to health data**
- Puts the **person's goals at the center** of decision-making
- Is holistic, including **clinical and nonclinical data** (e.g., home- and community-based, social determinants needs and services)
- **Follows the person** through both high-need episodes (e.g., acute illness) and periods of health improvement and maintenance
- Allows **care team coordination**. Clinicians able to 1) view information relevant to their role, 2) identify which clinician is doing what, and 3) update other members of an interdisciplinary team



Baker, et al. Making the Comprehensive Shared Care Plan a Reality. *NEJM Catalyst*. 2016; <https://catalyst.nejm.org/making-the-comprehensive-shared-care-plan-a-reality/>



LITERATURE REVIEW RESULTS – SYNTHESIS OF CAREGIVER NEEDS

1. Needs Associated with Providing Care

- Information
- Support
- Care Coordination

2. Needs Associate with Self-care

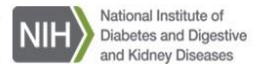
- Information
- Support

3. Desired mHealth App Features and Functionality to Enable 1. & 2.



E-Care Plan: Technical Expert Panel (TEP): Consensus Driven Data Element Identification for Long COVID

- Included 44 people representing diverse areas of expertise:
 - People living with long COVID and/or MCC
 - Informal/unpaid caregivers
 - Clinicians, health professionals and researchers with expertise in long COVID, COVID 19, relevant comorbidities, geriatrics, patient reported outcomes, health equity, social determinants of health, goal setting, and behavioral health, among others
- TEP charter outlined roles and responsibilities, expectations, and administration information.
- Two TEP co-chairs helped guide meeting approaches and coordinate with the e-care project team.
- Iterative process for identifying and standardizing data elements through monthly meeting discussions augmented by literature searches
- TEP voted on a motion to approve the set of data elements using an adapted Robert’s Rules of Order process. Members could vote: (1) Yes, (2) Yes with Comment, (3) Formal Objection, and (4) Abstain.



Working Groups

- *Chronic Kidney Disease*
- *Cardiovascular Disease*
- *Type 2 Diabetes*
- *Chronic Pain*
- *COVID 19 & Long COVID*
- *Caregiver Considerations*



32

National Alzheimer's Project Act Advisory Council on Alzheimer's Research, Care, and Services

Administration for Community Living

October 24, 2022

Administration for Community Living

NEW Grant Awards

September 2022

Alzheimer's Disease Programs Initiative - Grants to States and Communities

HHS-2022-ACL-AOA-ADPI-0057

- Alzheimer's Orange County (CA)
- Aroostook Agency on Aging (ME)
- California Department of Aging (CA)
- Latino Alzheimer's and Memory Disorders Alliance (IL)
- MaineHealth (ME)
- Memory Care Home Solutions (MO)
- New Mexico Aging and Long-Term Services Department (NM)
- Snowline Hospice of El Dorado County (CA)
- The Arc Jacksonville (FL)
- West Alabama Regional Commission (AL)

NAPA Goals 2, 3, 4

Administration for Community Living

National Alzheimer's and Dementia Resource Center

RECENT WEBINARS

WEBINAR: (August 30, 2022) *Developing Successful Volunteer Opportunities in Dementia Programs*

Well trained volunteers provide organizations valuable support in serving people who are living with dementia and their caregivers by enabling organizations to expand their capacity and plan for long-term sustainability. This webinar focused on how these dementia programs recruit, train, and retain volunteers; by providing volunteers with meaningful work.

NAPA Goals 2 , 3 , 4

Administration for Community Living

National Alzheimer's and Dementia Resource Center

UPCOMING WEBINAR

Seizing the Opportunity to Develop Dementia Programs: Successful program funding, planning, and delivery.
November 15, 2022 from 2-3 p.m. ET

In this webinar, Erin Long of the ACL and Sari Shuman of the NADRC will describe the Administration on Aging/Administration for Community Living Alzheimer's Disease Programs Initiative (ADPI) grants. The presentation will include a discussion of the ADPI program and describe the ADPI grant planning process and related expert technical assistance provided throughout the grant period. The benefits of developing dementia programs that are tailored to the needs of your specific community will be highlighted. The webinar will also include insights from existing and prior ADPI grantees about their experiences developing and implementing their dementia pilot projects.

Register [HERE](#)

NAPA Goals 2 , 3 , 4

Administration for Community Living

National Alzheimer's and Dementia Resource Center

New and Updated Resources

COMING SOON!

- **Highlights of Grantee-Developed Resources** ACL Alzheimer's program grantees have produced a range of resources on topics most relevant to offering ADRD supports and services. The resources highlighted in this document were developed through ACL grants and determined. The intention is to share these resources with other local providers delivering dementia care services. This document highlights selected resources and examples from across the United States.
- **ACL Grantee Engagement of Volunteers in Dementia Activities** Through ACL's ADPI program, many state and community entities are engaging volunteers as a part of their funded programs. This resource highlights successful grantee efforts and is designed to support the work of ACL's ADPI present, past and future grant program participants, as well as other who may be engaging volunteers to support people living with Alzheimer's disease and related dementias (ADRD) and their caregivers.
- **Living with Dementia: Advance Planning Guides (FOUR guides) for Persons with Dementia and Caregivers Guides** : 1. Health Care Planning: to help you plan for your future health care needs 2. Planning for Care: to plan for the care and services you may need 3. Financial Planning: to plan how to manage your money and property 4. Making Decisions for Someone with Dementia.

NAPA Goals 2 , 3 , 4

Administration for Community Living

Direct Care Workforce Technical Assistance Center

Strengthening the Direct Care Workforce: A Technical Assistance and Capacity Building Initiative

- Grantee will be awarded \$1.3 million per year for 5 years to establish a Direct Care Workforce TA Center that is a central hub for state, private, and federal entities involved in the hiring, recruitment, training, and workforce development associated with the delivery of HCBS
- This initiative builds off and will advance the collaboration between ACL, the Department of Labor, CMS, and other HHS agencies

Administration for Community Living

Office of Elder Justice and Adult Protective Services

- **SIX Grants to Improve Results for APS Clients (\$3,111,147)**
 - Allegheny County Agency on Aging (DHS/AAA)
 - Department of Human Services, Area
 - Regents of the University of Minnesota
 - University of Texas Health Science Center at Houston
 - Salisbury University
 - University of Southern California
 - Virginia Commonwealth University
- **THREE Innovations in Improving Guardianship/Conservatorship Grants (\$1,999,016)**
 - The Administrative Office of Pennsylvania Courts
 - The District of Columbia Courts
 - The Supreme Court of Virginia
- **Elder Justice Innovation Grant to Address Opioids and Substance Use (\$679,018)**
 - Elder Abuse Institute of Maine—(Maine/New Hampshire APS Providers/Dartmouth Center for Health and Aging: Implement and test RISEUP, a substance use intervention that builds upon and expands RISE.

Thank you!

Erin Long, MSW
Team Lead
Alzheimer's Disease Programs Initiative (ADPI)
Office of Supportive and Caregiver Services
Administration on Aging
Administration for Community Living
Erin.Long@acl.hhs.gov
202-795-7389

•

ASPE



Advisory Council for Alzheimer's Research,
Care, and Services

October 24, 2022

U.S. Department of Health and Human Services



OFFICE OF BEHAVIORAL HEALTH,
DISABILITY, AND AGING POLICY

Recent Reports

- [Long-Term Services and Supports for Older Americans: Risks and Financing, 2022](#)
- [Resident and Facility Factors Associated with High Risk of Discharge from Nursing Facilities, 2012-2017](#)
- [Nursing Home Nurse Staff Hours Declined Notably during the COVID-19 Pandemic, with CNAs Experiencing the Largest Decreases](#)
- [State Use of Value-Based Payment in Nursing Facilities](#)
- [Opioid Use in Long-Term Care Settings](#)



ASPE
ASSISTANT SECRETARY FOR
PLANNING AND EVALUATION

OFFICE OF BEHAVIORAL HEALTH,
DISABILITY, AND AGING POLICY



Alzheimer's Disease and Related Dementias Research Update

Advisory Council on Alzheimer's Research, Care, and Services Meeting

Richard J. Hodes, M.D.

Director, NIA

October 24, 2022



FY 2023 Budget Status

- **House FY 2023 appropriations bill:**
 - On June 30, 2022, the House Labor-HHS spending bill advanced out of committee. The bill must still be passed by the full House. If enacted, the bill would provide \$47.5 billion for NIH, an increase of \$2.5 billion over the FY 2022 enacted level, including:
 - **\$4.443B for NIA (includes an additional \$200M for AD/ADRD research)**
 - \$2.75B for ARPA-H
 - \$541M for *All of Us*
 - \$620M for *Brain Research through Application of Innovative Neurotechnologies (BRAIN) Initiative*
- **Senate FY 2023 appropriations bill:**
 - On July 28, 2022, the Senate Appropriations Committee released its FY23 Labor-HHS appropriations bill. The bill must still be passed by the full Senate. If enacted, the bill would provide nearly \$48 billion for NIH, including **\$4.34 billion for NIA.**
- The federal government is **currently funded through December 16th, 2022, via a Continuing Resolution.**



Current Allocations for Competing Research Grant Awards, FY 2023

CSR-Reviewed Research Applications				
	General Pay Line, <\$500K	General Pay Line, =>\$500K	AD/ADRD Pay Line <\$500K	AD/ADRD Pay Line =>\$500K
All applications except as noted below	8%	5%	20%	17%
N.I. R01s	11%	8%	23%	20%
E.S.I. R01s	13%	10%	25%	22%

New Investigator (N.I.): An applicant who has not received a prior R01 award or its equivalent.

Early-Stage Investigator (E.S.I.): A new investigator who is within 10 years of finishing research training.

AD/ADRD: Research on Alzheimer's disease and Alzheimer's disease-related dementias.

Current Interim Pay Lines, FY 2023

NIA-Reviewed Applications (by score)		
	General Pay Line	AD/ADRD Pay Line
Program projects	14	28
Other NIA-reviewed research	14	28
Career development awards	18	25
Fellowship awards	20	30

NIA Updates

NIA Welcomes New Deputy Director- Amy Kelley, M.D., M.S.H.S.

- Dr. Amy Kelley joined NIA as Deputy Director in September 2022.
- Dr. Kelley provides strategic leadership, supervises daily operations, and serves as an ambassador and spokesperson for the institute. Additionally, she oversees NIA's diversity, equity, inclusion, and accessibility (DEIA) initiatives.
- Dr. Kelley joins NIH from the Icahn School of Medicine at Mount Sinai, where she was a professor and vice chair for health policy and faculty development, Hermann Merkin Professor in Palliative Care in the Brookdale Department of Geriatrics and Palliative Medicine, and senior associate dean for gender equity in research affairs.



AD/ADRD Cleared Concepts From September 2022 NACA Council

Approved concepts indicate areas of special interest for NIA and often evolve into funding opportunity announcements to spur activity in given areas of research

- Alzheimer's Disease Research Centers (ADRCs) Program Renewal
- The Health and Retirement Study and the Harmonized Cognitive Assessment Protocol Joint Renewal
- Microphysiological Systems to Advance Precision Medicine for AD/ADRD Treatment and Prevention
- NIA AD/ADRD Real-World Data Platform
- Preclinical Studies to Characterize the Impact of Toxicants on Brain Aging and AD/ADRD
- Quantifying the Impact of Environmental Toxicants on AD/ADRD Risk in Cohort Studies
- Research Coordinating Center on the Exposome and AD/ADRD: Elucidating the Role of Social and Behavioral Determinants of Health in AD/ADRD Etiology and Disparities
- Understanding Gene Environment Interactions in Brain Aging and AD/ADRD

<https://www.nia.nih.gov/approved-concepts#Sept2022>

49

NIA Healthy Aging Start-Up Challenge and Bootcamp: Stage 1 Finalists Announced!

- NIA's Small Business Program is excited to announce the first class of finalists for the **NIA Healthy Aging Start-Up Challenge and Bootcamp to Foster Diversity and Accelerate Innovation.**
- The finalists represent a diverse group of researchers and entrepreneurs who have innovative ideas for science-driven technologies and products with the potential to advance the fields of aging and age-related diseases.
- The 20 finalists will build their business skills by participating in a four-month entrepreneurial bootcamp and ultimately compete for five \$60,000 cash awards.



<https://www.nia.nih.gov/research/sbir/startup-challenge#finalist>

NIA Healthy Aging Start-Up Challenge and Bootcamp: Congratulations to the Finalists!

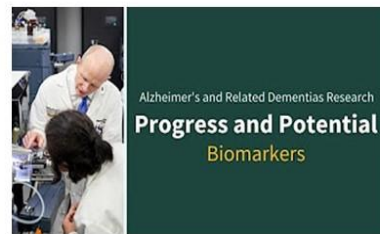


<https://www.nia.nih.gov/research/sbir/startup-challenge#finalist>

Progress and Potential: Alzheimer's and Related Dementias Research Video Series

NIA's video series was produced, in part, in recognition of the 10-year anniversary of the National Plan. The series includes:

- [Dr. Laura Baker](#), Wake Forest University School of Medicine, on **exercise, cognitive health, and healthy aging**.
- [Dr. Randall Bateman](#), Washington University School of Medicine in St. Louis, on **advances in biomarkers**.
- [Dr. Jennifer Manly](#), Columbia University, on the **importance of increasing diversity in clinical trials**.
- [Dr. Yakeel Quiroz](#), Harvard Medical School/Massachusetts General Hospital, on **how studies of a rare genetic variant that causes early onset Alzheimer's might yield future medical discoveries**.
- [Dr. Linda Terj](#), University of Washington, on **dementia caregiving science**.



NIA Sponsored Workshop: The Cancer-Alzheimer's Disease Nexus: Exploring Relationships, Mechanisms, and Therapeutic Implications

On October 18-19th, NIA sponsored a 2-day virtual workshop on Alzheimer's Disease and Cancer.

The goal of the workshop was to explore the state of the science, as well as the opportunities and challenges, in areas such as:

- The link between Cancer and Alzheimer's Disease
- Genes, Mechanisms, and Epidemiological Evidence
- Cancer Chemotherapy and Cognitive Dysfunction
- Meds, Mechanisms, and Drug Repurposing



National Institute
on Aging

<https://www.nia.nih.gov/news/workshop-cancer-alzheimers-disease-nexus-exploring-relationships-mechanisms-and-therapeutic>

Updates from the NIH Center for Alzheimer's and Related Dementias (CARD)

On Sept. 19th, NIH held a dedication ceremony for the new CARD facility, the [Roy Blunt Center for Alzheimer's Disease and Related Dementias Research](#).



- **Resource Sharing-** a [new online portal](#) to access a catalog of human stem cell lines engineered for studying the genes behind Alzheimer's disease and other neurodegenerative disorders.



- **Career Development-** the [Alzheimer's and Related Dementias Independent Scholars \(ARDIS\) program](#) offers early-career researchers a time-limited, independent principal investigator appointment, generous resources, and access to CARD and other NIH research cores and infrastructure.

COVID-19 Research Updates

NIA-Supported COVID Activities



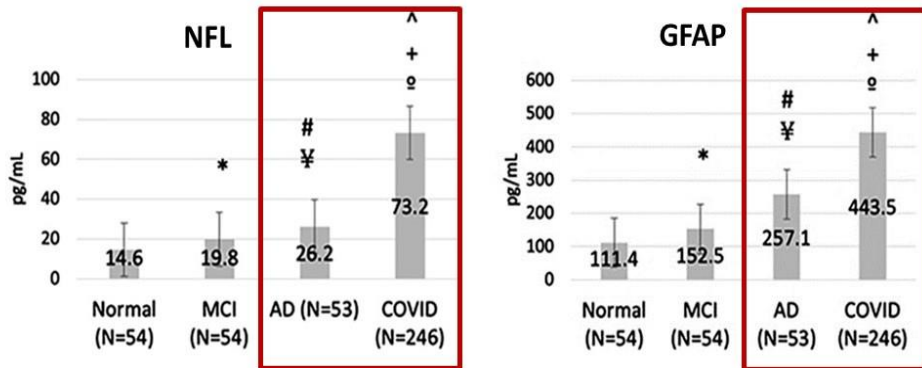
Linking NACC data to clinical and claims data (e.g., EHR and CMS) – to identify connections between AD and COVID-19

NOT-AG-21-016: Neurological and Neurocognitive Sequelae from SARS-CoV-2 Infection and COVID-19 in Aging and Age-Related Neurodegeneration

Alzheimer's Disease Biomarkers Significantly Elevated in Patients with SARS-CoV-2

- Neurofilament light chain (NFL) and glial acidic fibrillary protein (GFAP) are biomarkers associated with cellular stress / injury in Alzheimer's disease.

- In hospitalized COVID-19 patients without prior history of dementia, **NFL and GFAP were elevated above levels observed in AD.**



- Elevated NFL and GFAP were associated with COVID-19 disease severity, encephalopathy, and worse outcomes, including in-hospital mortality.

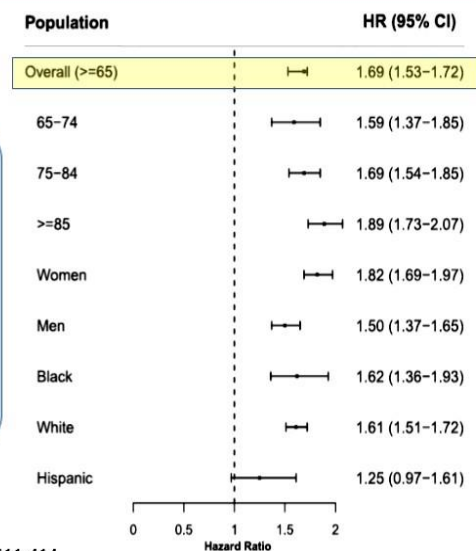
Frontera, J. A., et al. (2022). *Alzheimer's & Dementia*, 18(5):899-910.

COVID-19 is Associated with Increased Alzheimer's Disease Risk

- Method:** Analysis of electronic health record data from over 6 million adults 65+ who had medical encounters between Feb. 2020—May 2021 and no prior diagnosis of Alzheimer's disease.

- Findings:** Within 1 year of initial COVID-19 diagnosis, risk of a new Alzheimer's disease diagnosis increased by 69%. Risk was even higher in women and adults 85+.

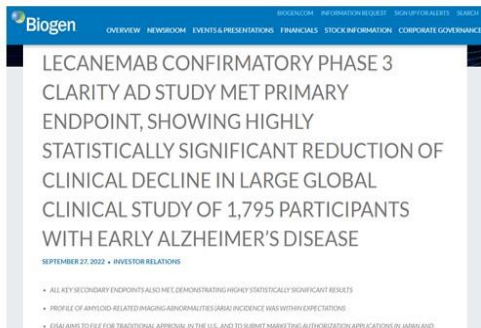
360-Day Risk for New Diagnosis of Alzheimer's Disease, Matched COVID-19 vs. Non-COVID-19 Cohorts →



Wang, L., et al. (2022). *Journal of Alzheimer's Disease*, 89 (2), 411-414.

Recent News/Upcoming Events

Eisai/Biogen's Lecanemab Reported Reduction of Cognitive Decline in Ph 3 Clarity AD Trial



[On September 27, 2022, Eisai and Biogen announced positive topline results for a phase 3 AD clinical trial](#)

- Lecanemab, an anti-amyloid antibody, reported to slow the rate of cognitive decline by 27% in an 18-month study involving participants with early AD
- ~25% of U.S. participants in the study were Hispanic and African-American, making it one of the more diverse AD trials to date
- These initial, unpublished data are exciting, and careful review is needed to evaluate these findings
- While NIH funding did not directly support the development of lecanemab, years of public funding were integral to enabling this therapeutic approach, including research on:
 - A protofibril form of A β targeted by Lecanemab
 - PET scans for amyloid plaques
 - CDR-SB test (primary outcome measure of this trial)

Save the Date: 2023 Dementia Care & Caregiving Research Summit



The 2023 Dementia Care & Caregiving Research Summit

March 20-22, 2023

Virtual

Save the Date: 2023 Geroscience Summit



National Institute
on Aging

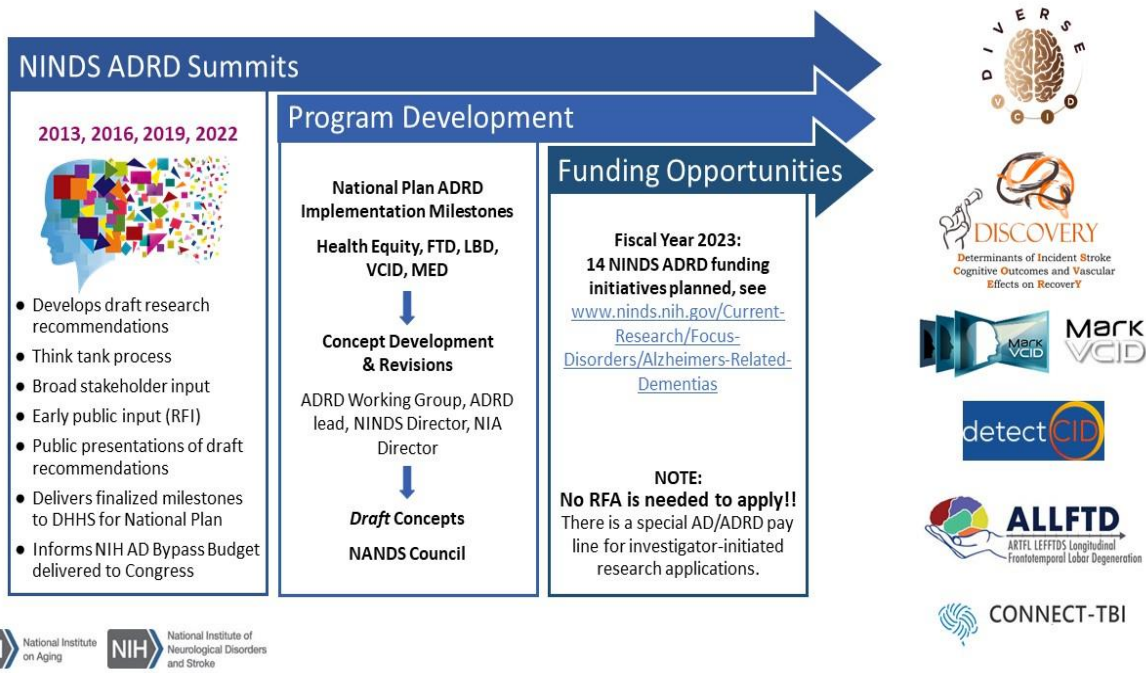
The Fourth Geroscience Summit: *Geroscience for the Next Generation*

April 24-26, 2023

Bethesda, MD

NINDS Updates

NINDS ADRD Summits Shape ADRD Research Priorities and Programs



NIH ADRD Summits Shape ADRD Research Priorities

<http://www.adrdsummit2022.net/>



ALZHEIMER'S DISEASE-RELATED DEMENTIAS

MARCH 22-23, 2022 SUMMIT 2022

Scientific Chair: **Dr. Natalia Rost, MGH**
 NIH Lead: **Dr. Roderick Corriveau, NINDS**

Day 1: <https://videocast.nih.gov/watch=45149>
 Day 2: <https://videocast.nih.gov/watch=45150>



Summit Topics

- Health Equity in AD/ADRD
- Frontotemporal Degeneration (FTD)
- Vascular Contributions to Cognitive Impairment and Dementia
- Lewy Body Dementias (LBD)
- Multiple Etiology Dementias (MED)
 - Post-TBI AD/ADRD
 - LATE (TDP-43 Pathology in Common, Late-Onset Dementias)
 - COVID-19 and AD/ADRD

Planning Efforts

- ✓ Develop draft research milestones via a think tank process with broad stakeholder input
- ✓ Present draft milestones at the Summit for open forum discussion and further public input
- ✓ Finalized milestones to DHHS for the National Plan
- ✓ Inform AD Bypass Budgets delivered by NIH to Congress

NINDS AD/ADRD Funding Initiatives for FY2022 and FY2023

FY 2022: 14 AD/ADRD Funding Announcements

FY 2023: 14 AD/ADRD Funding Announcements

WORKFORCE

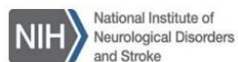
**Diversity
Training
Career**

RESEARCH - Multiple Potential Pathways to Dementia in Populations and Individuals

- **Social Determinants**
- **Modifiable Risk(s)**
- **Mechanisms & Pathology**
- **Microbiome**
- **Covid-19 & Dementia**
- **Translational**
- **Biomarkers & Diagnosis**
- **Clinical Trials:**
 - Exploratory - Treatments for LBD & FTD
 - Pragmatic - Decrease or Prevent VCID

Visit the NINDS *Focus on Alzheimer's Disease & Related Dementias* page for AD/ADRD Funding Announcement details:

<https://www.ninds.nih.gov/current-research/focus-disorders/alzheimers-related-dementias>



Ways to Stay Informed and Connected



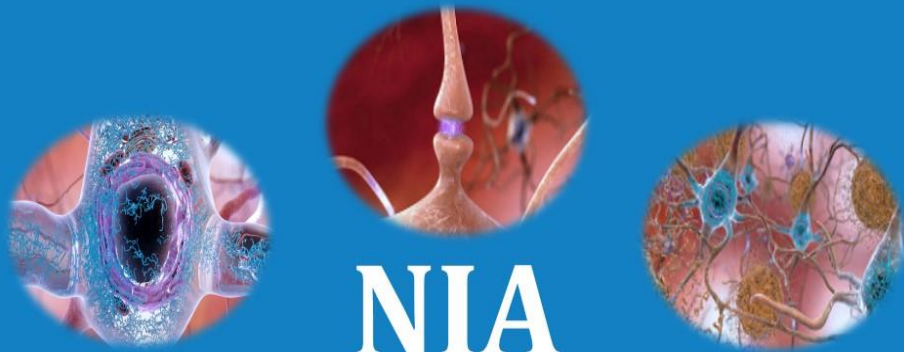
Search all active NIA funding opportunities:
<https://www.nia.nih.gov/research/funding>



Review the latest approved concepts:
<https://www.nia.nih.gov/approved-concepts>



Subscribe to our blog and stay up to date on the latest NIA news: <https://www.nia.nih.gov/research/blog>



NIA

The Leader in Aging Research



Update on the 2023 National Research Summit on Care, Services, and Supports for Persons with Dementia and Their Caregivers

Elena Fazio, Ph.D.
NAPA Council
October 24, 2022



Summit Background: NAPA and NIH Summits

- NIA & NINDS lead research in support of The National Alzheimer’s Project Act (NAPA)
- Triennial Research Summits
 - Research Gaps & Opportunities (G&Os) from Summits inform milestones. Milestones can be viewed on [public facing database](#).
 - Five new care-related milestones were added after the 2020 Care Summit.



Save the Date!

2023 Dementia Care and Caregiving Research Summit

March 20-22, 2023
Virtual



Visit the [Summit website](#) for more information.



2023 Care Summit Goals



Highlight the state of the science relative to AD milestones



Highlight potential innovative future research directions



Identify a limited set of high-priority research gaps and opportunities (G&Os) that need to be addressed to meet existing milestones or new areas not represented in current milestones



Facilitate meaningful opportunities for persons living with dementia and caregivers (PLWD/CG) and other stakeholders to provide input and share their lived experience

2023 Care Summit Co-Chairs



Andrea Gilmore-Bykovskiy, PhD, RN
University of Wisconsin-Madison



Julie Zissimopoulos, PhD
University of Southern California

Planned Summit Sessions

The 2023 Dementia Care and Caregiving Summit agenda will include the following sessions:

- Living well with AD/ADR
- Impact of detection and diagnosis on individuals and care partners
- Improving rigor, reproducibility, and opportunity for dissemination of interventions
- Dementia care models and coordination of care
- Disparities in dementia care
- Support for care partners & caregivers
- Dementia care workforce
- Economic impacts, implications, and approaches
- Approaches to participatory research, diverse recruitment and retention in dementia care research

Stakeholder Input Opportunities



Input from NAPA Advisory Council

What additional input would you like to share now?