Administration for Community Living

Centers for Disease Control and Prevention

Centers for Medicare and Medicaid Services

Health Resources and Services Administration

Indian Health Service

National Institutes of Health

Administration for Community Living

Cooperative Agreement Awards

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

Awards Announced September, 2021

- 10 newly awarded for a total of \$9,232,408.
- Located in Ten States, including a Tribal Entity
- Awardees:
 - · Aging and In-Home Services of Northeast Indiana, Inc. (IN)
 - Alzheimer's Disease Resource Agency of Alaska, Inc. (AK)
 - Alzheimer's Family Caregiver Support Center, Inc. (MA)
 - · CareLink, Inc. (RI)
 - Houston's Amazing Place, Inc. (TX)

- Neighbor Network of Northern Nevada (NV)
- Oakwood Creative Care, Inc. (AZ)
- Prince George's County Maryland (MD)
- · Virginia Commonwealth University (VA)
- Wichita & Affiliated Tribes (OK)

NAPA Goals 2, 3, 4

Administration for Community Living

Cooperative Agreement Awards

Alzheimer's Disease Programs Initiative - Dementia Capability in Indian Country

NEW

- Award to Inter Tribal Council of Arizona announced September 8, 2021
- 3-year cooperative agreement for a total of \$785,752

Continuation Awards

Four 2020 Awardees received Continuations

2022 FUNDING OPPORTUNITY FORECASTS

- Alzheimer's Disease Programs Initiative Dementia Capability in Indian Country
 - HHS-2022-ACL-AOA-ADPI-0062
 - Estimated Total Funding: \$1,000,000
- Alzheimer's Disease Programs Initiative Grants to States and Communities
 - HHS-2022-ACL-AOA-ADPI-0059
 - Estimated Total Funding: \$23,606,415

NAPA Goals 2, 3, 4

Administration for Community Living

National Alzheimer's and Dementia Resource Center

https://nadrc.acl.gov/

UPCOMING WEBINARS

October 26, 2021 from 2-3 p.m. ET, Promoting Brain Health through Education: Insights from Community-based Programs and Healthcare Systems.

This webinar will discuss the intersection between brain health and dementia and resources developed to help raise awareness around the importance of brain health. Two ACL ADPI grantees, **Summit County Public Health in Ohio** and **AltaMed Health Services Corporation in California**, will discuss how and why they chose to provide education on brain health in their communities and healthcare systems.

Register here: Promoting Brain Health through Education

November 16, 2021 from 3-4 p.m. ET, Innovative Approaches to Supporting Professional Caregivers of People Living with Intellectual and Developmental Disabilities and Dementia.

Webinar participants will learn about innovative programs developed to address the specific care and support needs of people living with IDD and dementia and professional training needs. **The Wisconsin Alzheimer's Institute** created a formal training for healthcare and social service professionals focused on dementia in the IDD population and training on the NTG's Early Detection Screen for Dementia (EDSD) tool and how to administer the tool. Presenters from the **State of Massachusetts** will discuss the state's experience supporting caregivers of people living with IDD and dementia, including the diagnostic consultation process, background on how Massachusetts arrived at this model and next steps in providing support for caregivers.

Register here: Supporting Professional Caregivers of People with IDD and Dementia

National Alzheimer's and Dementia Resource Center

2021 WEBINAR Series

- August 24, 2021- Building and maintaining relationships after a dementia diagnosis (Matt Estrade and Ana-Shea Edwards) (525 participants)
- September 14, 2021- Successes and sustainability of community-based dementia programs (Heather Menne, Phyllis Roate, Christy Nishita) (362 Participants)

Recordings and presentation PowerPoints are posted on the NADRC webpage

NAPA Goals 2, 3, 4

Administration for Community Living

RAISE Family Caregiving Advisory Council

- On September 22, 2021, the RAISE Family Caregiving Advisory Council released its initial report to Congress. This report outlines the challenges faced by family caregivers, federal programs currently available to support them, and provides 26 recommendations for better supporting family caregivers. The recommendations will form the foundation of the National Family Caregiving Strategy, which will include action steps to increase recognition and support for family caregivers.
- A key component of this report is a collection of 26 caregiver stories gathered by the National Alliance for Caregiving during the late 2020 In this <u>series of short videos</u>, you can hear from each family caregiver about their experiences.
- NAC also created a <u>four-minute compilation video</u> of all the caregiver voices included in the report. This video touches upon each of the issues addressed in the formal recommendations of the report.
- Implementing the RAISE Family Caregivers Act factsheet

National Center on Elder Abuse

Publications:

- Consent and Capacity in Indian Country Elder Abuse and the Connection to Consent,
 Capacity, and Undue Influence
- Six ways to Care for Yourself When Caring for Someone with Dementia

 <u>Chinese</u> | <u>Korean</u> | <u>Japanese</u> | <u>Samoan</u> | <u>Tagalog</u> | <u>Vietnamese</u>
- Archstone Caregiver Brochure—You are their Advocate
- Archstone Fotonovela English | Spanish
- How at Risk for Abuse Are People with Dementia?

NAPA Goals 2, 3, 4

Administration for Community Living

National Center on Elder Abuse

Research

Abuse Intervention/Prevention Model (AIM)

- https://eldermistreatment.usc.edu/past-projects/abuse-intervention-prevention-model-aim/
- · Elder abuse in the COVID-19 era
- ABUSE INTERVENTION/PREVENTION MODEL AMONG PERSONS WITH DEMENTIA AND THEIR CAREGIVERS

Training Resources

- Keyword search results for "dementia"
- Keyword search results for "Alzheimer's"

Centers for Disease Control and Prevention

11

CDC updates

LISA C. MCGUIRE, PHD

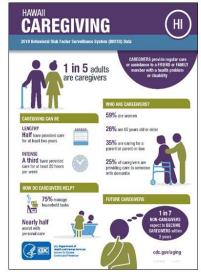




Infographics Released

2019 State Subjective Cognitive Decline and Caregiving





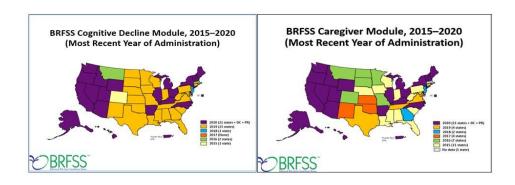
https://www.cdc.gov/aging/data/index.htm

13

2020 BRFSS Data Released



Subjective Cognitive Decline and Caregiving Modules



https://www.cdc.gov/brfss/



Publications

SCD-unmet Needs Among Middle-aged and Older Adults





Subjective Cognitive Decline Higher
Among Sexual and Gender Minorities
in the United States, 2015–2018

Cognitive Decline and Dementia Risk Reduction: Promoting Healthy Lifestyles and Blood Pressure Control



15

Resources

Search. Find. Help.





<u>Search. Find. Help.</u> is a new online resource library that serve older adults and their caregivers with existing resources, programs, services, and strategies in the United States that can help these populations during public health emergencies.



Website Features and Updates

Down Syndrome and Increased Risk for Alzheimer's released in observance of World Alzheimer's Day and recognition that people with Down syndrome have an increased risk of developing Alzheimer's.





New <u>Older Adults and Extreme</u>
<u>Heat</u> page to learn how to stay cool during hot weather if you're an older adult, signs and symptoms of heat-related illnesses, how to help an older adult avoid heat-related illnesses, and more.

17





Year 1 Highlights: NHBI-A

- Formed The HBI Collaborative to serve as a mechanism to foster collaboration among NHBI and the BOLD Public Health Centers of Excellence awardees.
- In collaboration with National Association of County and City Health Officials (NACCHO), awarded the inaugural cohort of the HBI Road Map Strategists. The Road Map Strategist initiative is the first nation-wide effort to build local health department capacity to address cognitive health and dementia. Eight local health departments were selected through a competitive application process for the cohort.
- Convened experts to work on review and propose revisions to the BRFSS Cognitive Decline Module beginning in 2023.





Year 1 Highlights: NHBI-B

- IA² is excited to have a new website, which features a robust online brain health resource library and a new custom website URL: www.AIANBrainHealth.org
- UsA2 held a virtual congressional briefing on July 20th titled Brain Health Equity and the Social Determinants of Health, Congressional Districts & Alzheimer's Prevalence Among Communities of Color.
- Key accomplishments of UIC included hosting the virtual HealthMatters Webinar Series, hosting 5 presentations supporting the HealthMatters Series which reached over 400 attendees, and authoring two publications.

19



Year 1 Highlights:



BOLD Public Health Centers (PHCoE)

- Early Detection PHCoE: NYU is working with SCAN (Senior Care Action Network) to assist medical providers to screen and diagnosis ADRD. NYU and SCAN are combining ICD-10 diagnostic coding with newly developed screening prompts for ADRD to be used by health care providers in their covered practices.
- Caregiving PHCoE: Hosted a 3-part webinar series, Public Health
 Considerations and Models for Cultural Adaptations in Dementia Caregiving,
 illustrating that dementia support and services are not adequately tailored to
 meet the cultural needs of older adults and their caregivers, despite the
 projected rise in the diversity of caregivers in the U.S.
- Risk Reduction PHCoE: Convened Dementia Risk Reduction Public Health Roundtable to review the state of the science and identify points of intervention.
- **All BOLD Centers are planning their 1st national public health meetings for 2022 to support the BOLD Programs.**



Year 1 Highlights: BOLD Programs



- 23 BOLD Programs (16 in FY20 and 23 in FY21) at CORE or ENHANCED levels
- NPAIHB (CORE) has worked with their member tribal health boards to create a first draft of their comprehensive dementia plan.
- The LA BOLD team (CORE) worked with partners to create a framework for and established the Healthy Brain LA Coalition which serves as the guiding body for the development and execution of the Los Angeles County ADRD strategic plan.
- GA BOLD (ENHANCED) is partnering on the implementation of the Savvy Caregiver program and the Telesavvy program in areas of high ADRD burden.

21





LISA MCGUIRE, PHD
LMCGUIRE@CDC.GOV



Centers for Medicare and Medicaid Services

23

Medicare Cognitive Assessment and Care Plan Services

- Earlier this year CMS updated the web page for beneficiaries that describes the Cognitive Assessment and Care Plan Service (CPT code 99483)
- There is now prominent information in the beneficiary-facing 2022 "Medicare & You" handbook, both on the inside cover, and in a detailed description on page 34 of the hard copy: https://www.medicare.gov/medicare-and-you
- CMS also produced a short video posted for Medicare Learning Network stakeholders on our YouTube channel:

https://www.youtube.com/watch?v=NmDjhRVax8E



(Strategy 2.B)

Health Resources and Services Adminstration

25

Health Resources and Services Administration

FY 2020

- 48 GWEP grant recipients provided 455 educational offerings on ADRD and trained 63,835 participants
- HRSA provided a total of \$4M in administrative supplements to 48 GWEPs. Funds were used to educate and train students and clinicians on:
 - Providing telehealth-enabled COVID-19 referral for screening and testing, case management and outpatient care
 - Maintaining primary care functionality away from physical sites, especially for COVID-19 positive, quarantined, elderly and individuals at a higher risk of severe illness, including PLWD and their families and caregivers.

Health Resources and Services Administration

FY 2021

- HRSA continued to provide \$8.756M to 48 GWEPs in 35 US states and 2 US Territories.
 - All GWEPs are required to provide dementia education and training to the geriatrics workforce, which includes health care professionals, direct care workers, faculty, students, older adults, families and caregivers.
- HRSA provided \$2.2 million supplemental funding to 12 currently funded GWEPs to provide COVID-19 specific education and training to the nursing home workforce, nursing home residents, including those living with dementia, and their family and caregivers, as well as training to improve care of nursing home residents.
- HRSA supported the writing of a Report to Congress on Current Capacity of Dementia Specialists. The
 report will include details of provider shortages and screening capacity, identify barriers for early
 detection of Alzheimer's disease and related dementias and adequate access to care, and provide
 recommendations to both address any provider shortages and streamline the patient's Alzheimer's
 diagnostic pathway.

Health Resources and Services Administration

- From April 1, 2021 to June 30, 2021, 744 persons received continuing education credits through the <u>HRSA ADRD Curriculum</u>. The three modules with the most activity were Diversity (178 learners), Management of midto-late Stage Dementia (160 learners), and Care Transitions (136 learners).
- ACL, SAMHSA, and HRSA are coordinating a collaborative effort to produce an Older Adult Mental Health Awareness Day on May 16, 2022.

Indian Health Service

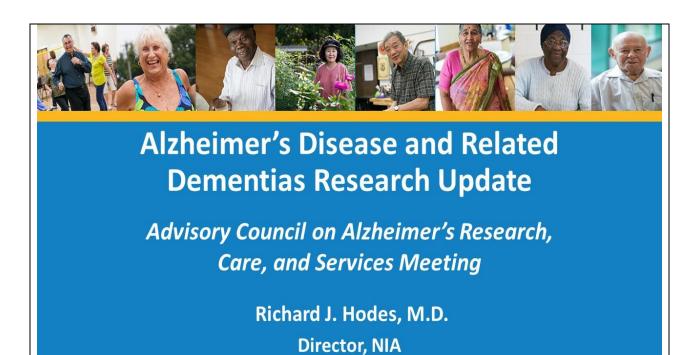
29

Indian Health Service

- \$5,000,000 in Consolidated Appropriations Act of 2021 to address Alzheimer's Disease.
- Completed Tribal Consultation and Urban Confer with Tribal and Urban Indian Organization Leadership on the allocation of these resources.
 - Support for investment in development of Tribal models of care.
 - Strong support for training and capacity building in primary care.
 - Statements of need for improved diagnosis and management, for resources to support outreach and services, and for support for family caregivers.
 - · Interest in intergenerational approach, recognizing the role of grandchildren as caregivers.
- In approval process for allocation of resources.
- Aligning with the National Plan to Address Alzheimer's Disease.
- · Collaborating with and leveraging other federal and non-federal efforts.
- Collaboration with the American College of Emergency Physicians (ACEP) to support Geriatric Emergency Department Accreditation for IHS and Tribal Emergency Departments.

National Institutes of Health

31



October 25, 2021

16

NIH National Institute

FY 2022 Budget Status

Senate and House FY 2022 appropriations bills

- On July 29, 2021, the House passed its FY 2022 Labor-HHS appropriations bill, which provides \$49.4B for NIH, an increase of \$7B over the FY 2021 enacted level, including:
 - \$3B for ARPA-H
 - \$4.258B for NIA
 - Includes an additional \$200M for AD/ADRD research
 - Includes \$29M for research related to opioids, pain and pain management
- On October 18, 2021, the Senate released its draft FY 2022 Labor-HHS appropriations bill, which provides \$47.9B for NIH, an increased of ~\$5B over the FY 2021 enacted level, including:
 - \$2.4B for ARPA-H
 - \$4.18B for NIA
 - Includes an additional \$235M for AD/ADRD research
 - Includes \$29M for research related to opioids, pain and pain management
- The House and Senate still need to negotiate and reach agreement on final FY 2022 appropriations figures.
- The federal government is currently funded through December 3, 2021, via a Continuing Resolution.



33

Growth of AD and ADRD Research Spending at NIH

NIH Funding History for AD/ADRD Research (Dollars in millions)

		S					
Research/Disease Areas	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Difference – FY 2015 to FY 2020
AD/ADRD	\$631	\$986	\$1,423	\$1,911	\$2,398	\$2,869	4.5-fold increase
Alzheimer's Disease	\$589	\$929	\$1,361	\$1,789	\$2,240	\$2,683	4.6-fold increase
Alzheimer's Disease Related Dementias ¹	\$120	\$175	\$249	\$387	\$515	\$600	5.0-fold increase
Lewy Body Dementia	\$15	\$22	\$31	\$38	\$66	\$84	5.6-fold increase
Frontotemporal Dementia	\$36	\$65	\$91	\$94	\$158	\$166	4.6-fold increase
Vascular Cognitive Impairment/Dementia	\$72	\$89	\$130	\$259	\$299	\$362	5.0-fold increase

¹The ADRD row reflects the sum of the three existing RCDC categories: Frontotemporal Dementia, Lewy Body Dementia, and

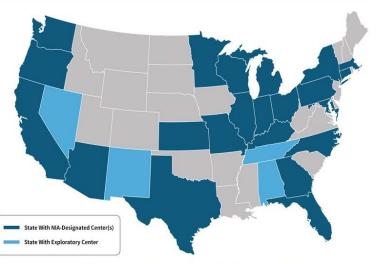
Vascular Cognitive Impairment/Dementia—where duplicates are removed.

https://report.nih.gov/categorical_spending.aspx

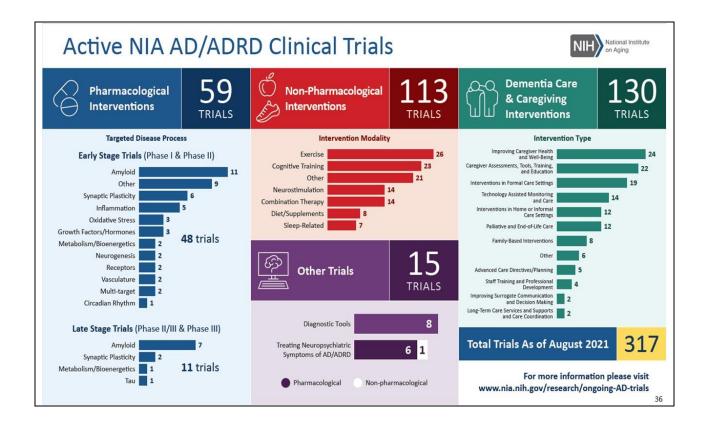


NIA expands Alzheimer's and related dementias centers research network

- 33 ADRCs- institutions in North Carolina and Texas are the latest to join the ADRC network New!
- 4 exploratory centers
- Conduct clinical, neuropathology, imaging, biomarkers, genetics, pathogenesis, and therapeutics research
- Perform state of the art Alzheimer's Disease and related dementias diagnosis and provide related information to diverse participants and their families



https://www.nia.nih.gov/news/nih-expands-alzheimers-and-related-dementias-centers-research-network



Drug Candidates in Late-Stage Clinical Trials Supported by NIA: Amyloid Beta

Project Principal Investigator(s)/Institution		Drug	ACD*
The A3 Study: Ante-Amyloid Prevention of Alzheimer's disease	Reisa Sperling, Brigham And Women's Hospital; Paul Aisen, Alzheimer's Therapeutic Research Institute (ATNI); Keith Johnson, Massachusetts General Hospital (MGI)	BAN2401	2024
Combination anti amyloid therapy for preclinical Alzheimer's Disease (A-45)	Reisa Sperling, Brigham And Women's Hospital; Paul Aisen, ATNI; Keith Johnson, MGI	BAN2401	2024
Alzheimer's Prevention Initiative Autosomal Dominant Alzheimer's Disease Colombia Trial	Eric Reiman, Banner Health; Pierre Tariot, Banner Health; Francisco Lopera, Universidad De Antioquia	Crenezumab (anti-amyloidβ antibody)	2023
A4 Trial Anti-Amyloid treatment in Asymptomatic Alzheimer's Disease	Reisa Sperling, Brigham and Women's Hospital	Solanezumab (anti- amyloidβ antibody)	2024
Randomized, Double-Blind, Placebo- Controlled, Phase 3 Study	Susan Abushakra, Alzheon, Inc.	ALZ-801 (tramiprosate prodrug), an inhibitor of Aβ oligomer formation	2025
DIAN-TU Primary Prevention Trial	Eric Martin McDade, Washington University	Anti-amyloid	2025

Drug Candidates in Late-Stage Clinical Trials Supported by NIA: Other Targets

*anticipated completion date

Project	Principal Investigator(s)/Institution	Drug	ACD*
Synaptic Plasticity	·		
A Phase 3 Pivotal Trial of AGB101 to Slow Progression in MCI due to Alzheimer's Disease	Richard Charles Mohs, Agenebio, Inc.	AGB101 (levetiracetam antagonist)	2022
Phase II/III Trial for Slowing Progression in Mild Cognitive Impairment	Michela Gallagher and Marilyn Albert, Johns Hopkins University	Levetiracetam (LEV) (synaptic vesicle protein (SV2A) modulator)	2022
Tau			
DIAN-TU: Tau Next Generation Prevention Trial*	Randall Bateman, Washington University	anti-tau monoclonal antibody E2814	2025
Vasculature			10-
PRagmatic EValuation of evENTs And Benefits of Lipid-lowering in older Adults (PREVENTABLE)	Karen Alexander, Duke University	Atorvastatin 40mg or placebo	2026
Metabolism & Bioenergetics			
Metformin in Alzheimer's dementia Prevention (MAP)	Jose Alejandro Luchsinger, Columbia University	Metformin	2024
	*	anticipated completion date	

NIA Resources for Recruitment of Diverse Participants for Clinical Trials

Alzheimer's and Dementia Outreach, Recruitment, and Engagement

(ADORE) - online, searchable database of resources for engagement, recruitment, and retention of study participants into clinical trials and studies on AD/ADRD



https://www.nia.nih.gov/research/adore

Outreach Pro- recently launched tool to enable health care professionals to more easily produce and brand tailored clinical trial recruitment materials and strategies

• Designed to help reach multiple cultures and those who do not speak English

OUTREACHPRO

https://outreachpro.nia.nih.gov/

New!



3

New Dementia Care Milestones

- <u>Five New AD/ADRD Care Research Implementation Milestones</u> focusing on:
 - AD/ADRD health care disparities
 - Dementia care integration and care transitions
 - · Policy impacts and payment models
 - · Dementia care infrastructure
 - Ethics and implications of care partners/study partners in care teams for persons living with AD/ADRD





New Infrastructure for Behavioral and Social Research

- NIA awarded three <u>Artificial Intelligence and</u> <u>Technology Collaboratories (AITC) for Aging</u> Research
 - Johns Hopkins University, <u>University of</u>
 <u>Massachusetts Amherst</u>, and <u>University of</u>
 Pennsylvania
 - AITCs will develop, validate, and disseminate innovative technology for monitoring persons living with AD/ADRD in their home and community settings and enhance connections between older adults, care partners, and clinicians





41

NIA COVID-19 and Neurodegeneration Funding Opportunity

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





Andy Singleton Selected as Director of CARD

Center for Alzheimer's and Related Dementias - new intramural laboratory

- Dr. Singleton served as the CARD acting director since its construction plan launch in January 2020
- He will stimulate and lead collaborative research group projects to expand knowledge of the biological mechanisms of AD/ADRD, and to explore methods of treatment and prevention
- CARD will be housed in newly constructed laboratories on the NIH main campus and is primarily a collaboration between NIA and NINDS, with plans to include researchers from all interested ICs
- Researchers can capitalize on NIH resources such as the Clinical Center for conducting early phase clinical trials, and the National Center for Advancing Translational Sciences for high-throughput testing capabilities



National Institute



43

NIA Seeks Deputy Director

- NIA seeks exceptional candidates for the position of Deputy Director.
- This candidate will assist the Director in implementing the Institute's strategic plan and advancing the NIA mission.
- The candidate will serve as an ambassador and spokesperson for NIA in collaborating with organizations across the nation and worldwide.
- Vacancy closes 11/29/2021.
- For full details, please see: https://hr.nih.gov/jobs/search/executive/job-47091

NIH ADRD Summits Shape Research Priorities NAPA Goal 1: Prevent and Effectively Treat AD/ADRD by 2025 Prioritized AD ADRD Dementia Care Research Save The Date! NOBODY'S GOT YOU, ADRD Summit 2022, March 22-23 LIKE YOU GOT YOU. Scientific Chair: Dr. Natalia Rost, MGH NIH Lead: Dr. Roderick Corriveau, NINDS

ADRD Summit email: adrdsummit2022@ninds.nih.gov

Registration information coming soon, updates may be found here:

https://www.ninds.nih.gov/Current-Research/Focus-Disorders/Alzheimers-Related-Dementias

ADRD Scientific Programs

National Institute of

and Stroke

Mind Your Risks*

https://www.mindyourrisks.nih.gov/

https://youtu.be/gte5j2S0RuY

Neurological Disorders

Y2022 N	INDS AD/ADRD Funding Opportunity Announcements & Plans	Deadline
PAR-22-023	lem:multi-Disciplinary Collaborations to Understand Mechanisms of Systemic Immune Signaling and Inflammation in ADRD and its Progression (R01)	Oct. 22, 2021
RFA-NS-22-001	Biomarkers for the Lewy Body Dementias (U01)	Oct. 22, 2021
PAR-22-029	Longitudinal Single Cell Characterization of ADRD Postmortem Tissue (R01)	Oct. 22, 2021
RFA-NS-22-006	lem:lem:lem:lem:lem:lem:lem:lem:lem:lem:	Oct. 26, 2021
PAR-22-026	Selectively Target Technology Development to Understand How Changes or Dysfunction at the Capillary, Arterioles, and Small Lymphatic Vessels Level Can Have Long-term Impact on AD/ADRD ($R01$)	Nov. 08, 2021
RFA-NS-22-009	Detecting Cognitive Impairment, Including Dementia, in Primary Care and Other Everyday Clinical Settings for the General Public and Health Equity, Pragmatic Clinical Trials (U01)	Nov. 10, 2021
PAR-22-024	$Clinical \ and \ Biological \ Measures \ of TBI-related \ Dementia \ Including \ Chronic \ Traumatic \ Encephalopathy \ (RO1)$	Nov. 10, 2021
RFA-NS-22-017	Small Vessel VCID Biomarkers Validation Consortium Coordinating Center (U24)	Nov. 12, 2021
PAR-19-070	Research on Current Topics in Alzheimer's Disease and Its Related Dementias (R01, Clinical Trials optional) (NIA led)	Nov. 12, 2021
NOT-NS-22-002	Notice of Special Interest: Adding TBI Assessments to AD/ADRD Cohorts (supplement)	Nov. 15, 2021
PAR-22-037	Role of Astrocytes in Degeneration of the Neurovascular Unit in AD/ADRDs (R01)	Feb. 04, 2022
PAS-19-316 / PAS-19-317	Advancing Research on AD/ADRD SBIR/STTR Programs (R43/R44; R41/R42 Clinical Trial Optional) (NIA led)	Standard due date
PAR-22-022	NINDS AD/ADRD Advanced Postdoctoral Career Transition Award to Promote Diversity (K99/R00)	Standard due date
RFA	Prodromal Synaptic and Circuit Changes that Contribute to AD/ADRD Onset and Progression (R01)	Not yet published
NOSI	Postmortem Analyses to Determine Significance of AD/ADRD Relevant Imaging Findings During Life (supplement)	Not yet published
RFA	Clinical Relevance of the Linkage between Environmental Toxicant Exposures and AD/ADRD (R01); NOT-NS-22-004	Not yet published

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



