



# Alzheimer's Disease (AD) and AD Related Dementias Research: Policy and Program Updates

**2019 Fall ADRC Meeting**  
**Marie A. Bernard, M.D.**  
**October 2019**



National Institute  
on Aging

# *In Memoriam*

**Marcelle Morrison-Bogorad**



**Director, Division of Neuroscience  
National Institute on Aging  
1997- 2011**

# NIH/NIA Budget Update





# FY20 Budget Status

FY19 enacted level for NIA was \$3.083B

➤ **Senate committee draft includes:**

- An additional \$3B for NIH above FY19 funding levels
- \$3.606B (16.9% increase) for NIA; this figure includes \$350M for AD/ADRD research

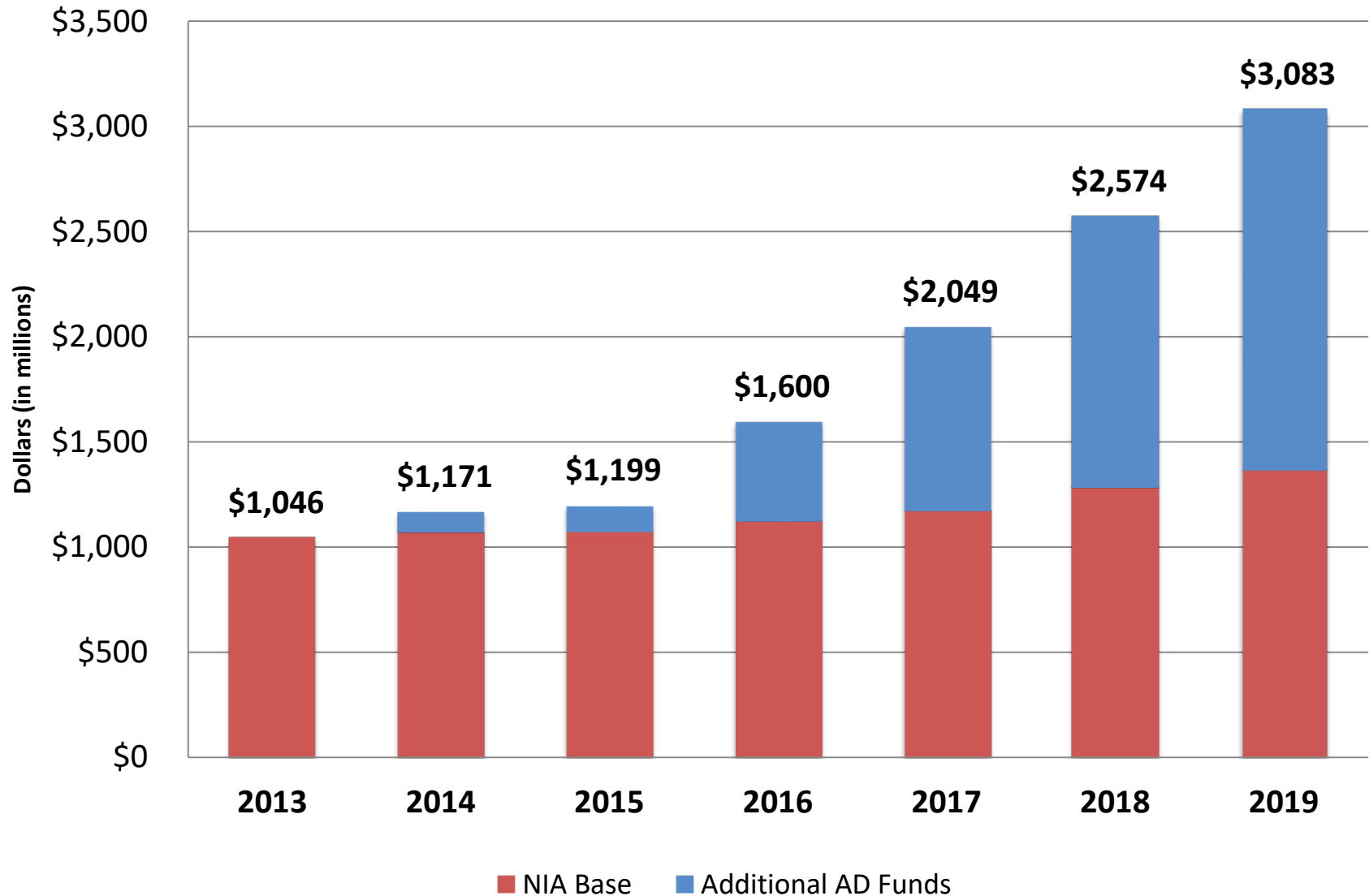
➤ **House passed bill (HR 2740) includes:**

- An additional \$2B for NIH above FY19 funding levels
- \$3.356B (8.8% increase) for NIA

➤ **HR 4378 signed on 9/27/19 – funds the Federal government (at FY19 levels) through November 21, 2019**

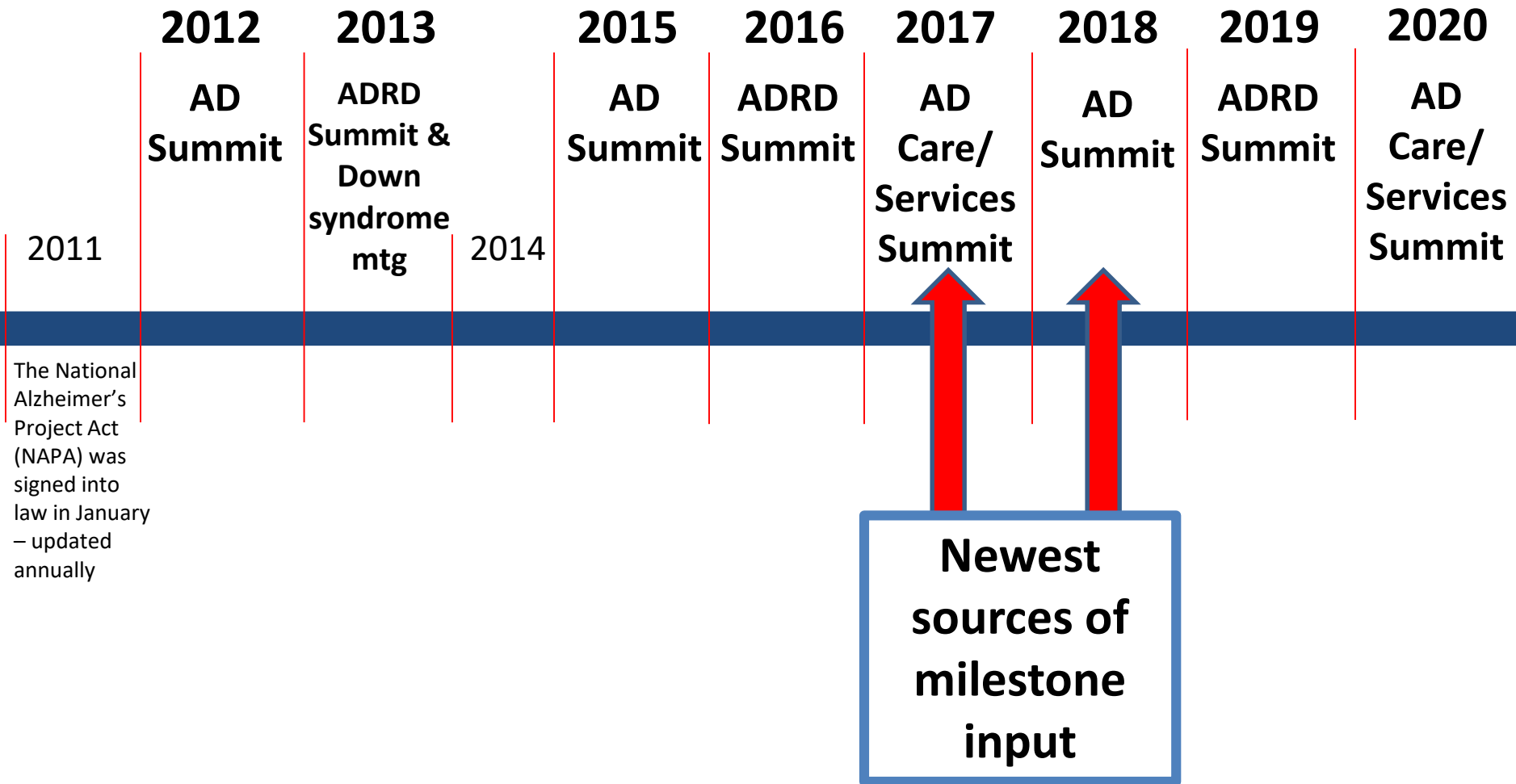
# NIA Appropriations

*Fiscal Years 2013-2019*



# FY2021 Alzheimer's Disease Bypass Budget

# NIH Research Implementation Milestones are *Based on Broad Input*



<https://www.nia.nih.gov/alzheimers/milestones>

# Combined External and Internal Input – FY21 AD/ADRD Bypass Budget

Input at 2012-2019 meetings:

- ☐ Academic research community
- ☐ Industry
- ☐ Non-governmental organizations

Other Input:

- ☐ 2017 Request for Information

Development of comprehensive milestones  
(NIH staff) – based on summit and  
other input

Trans-NIH (including NINDS) staff discussion;  
milestones edited to ensure comprehensive  
inclusion of priorities for FY21

NIH staff  
“price” the  
milestones

**Final budget  
estimate for  
FY21**



# Trans-NIH Input for FY21 ADBB

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- 18 Institutes/Centers/Offices contributed to the development of this year's professional judgment budget:

- |         |         |                                  |
|---------|---------|----------------------------------|
| ■ NIA   | ■ NICHD | ■ NIEHS                          |
| ■ NEI   | ■ NIDA  | ■ NIMH                           |
| ■ NHLBI | ■ NIDCD | ■ NIMHD                          |
| ■ NIAAA | ■ NINR  | ■ NINDS                          |
| ■ NIAMS | ■ NIDCR | ■ FIC                            |
| ■ NIBIB | ■ NIDDK | ■ NIH Office of<br>AIDS Research |

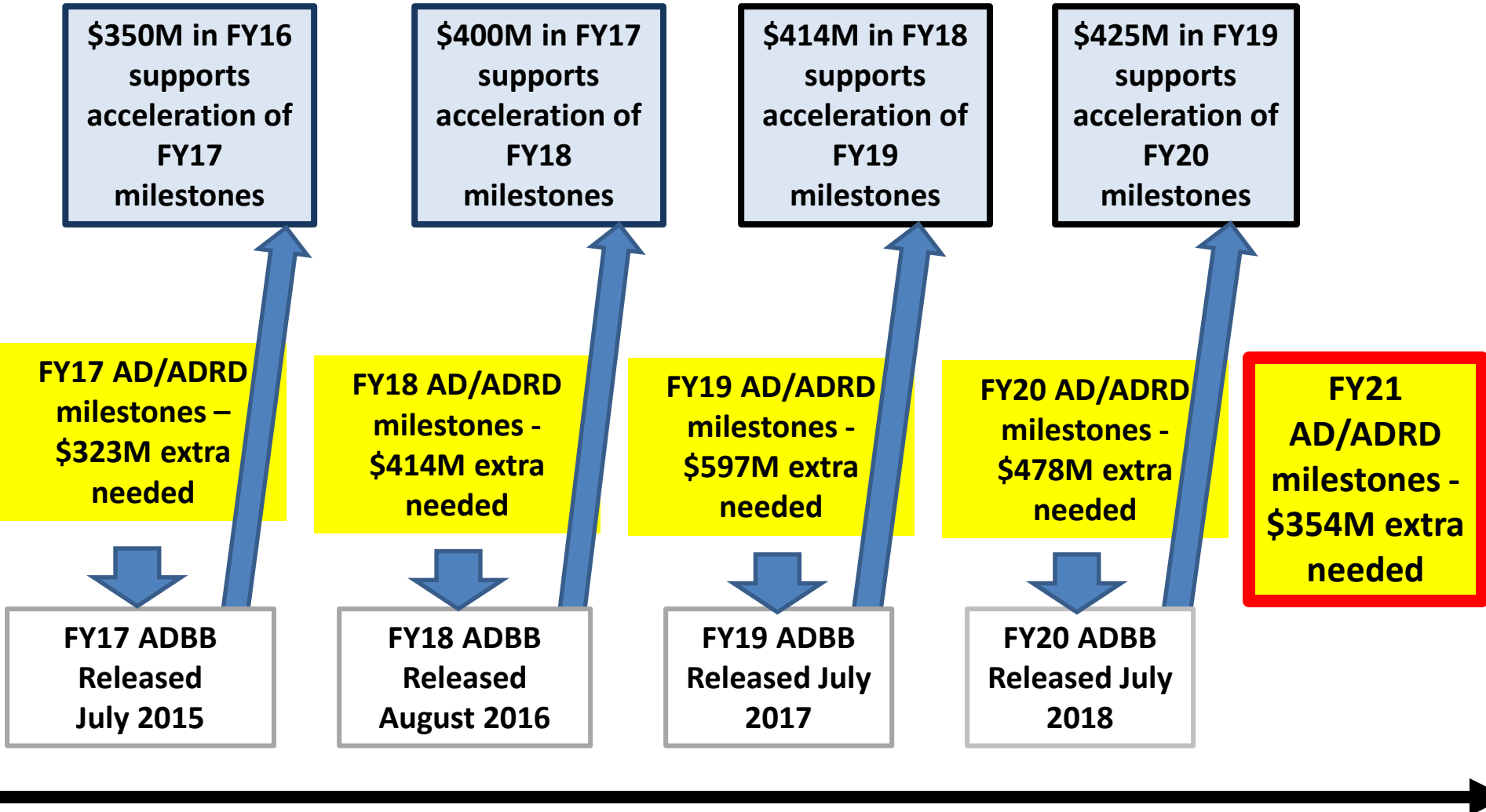
# Professional Judgment Budget FY 2021, Projected Costs and Additional Resources Needed

Molecular Pathogenesis and Pathophysiology of Alzheimer's Disease	\$57,500,000
Diagnosis, Assessment, and Disease Monitoring	\$20,000,000
Translational Research and Clinical Interventions	\$139,550,000
Epidemiology	\$55,000,000
Care and Caregiver Support	\$34,550,000
Research Resources	\$84,500,000
Alzheimer's Disease-Related Dementias	\$43,000,000
Staffing Needs, Support, and Miscellaneous	\$3,811,444
Projected Costs for New AD/ADRD Research	\$437,911,444
<i>Less Funding from Prior Appropriations that is Available for New AD/ADRD Research</i>	<i>(\$84,000,000)</i>
<b><u>Additional FY 2021 Resources Needed for New AD/ADRD Research</u></b>	<b>\$353,911,444</b>

# Total Resource Needs, FY21

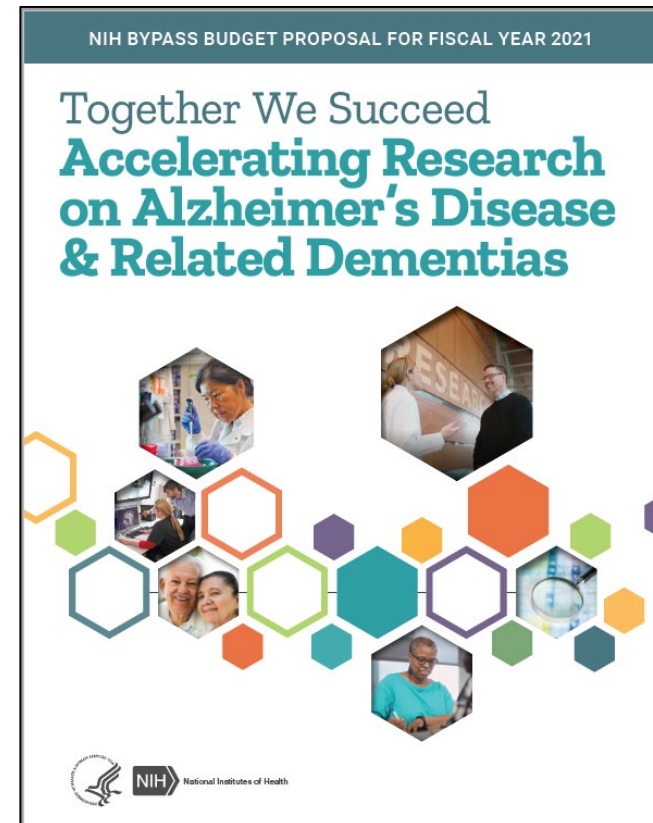
<b>FY 2020 President's Budget Request for AD/ADRD Research (baseline estimate)</b>	<b>\$2,142,000,000</b>
<b>Difference Between FY 2020 President's Budget Request and FY 2019 Appropriation for AD/ADRD Research</b>	<b>\$326,000,000</b>
<b>Additional FY 2021 Resources Needed for New AD/ADRD Research</b>	<b>\$353,911,444</b>
<b>TOTAL FY 2021 Resources Needed for AD/ADRD Research</b>	<b>\$2,821,911,444</b>

# Timing of ADBB Releases and AD/ADRD Appropriations



# AD/ADRD Progress Report – An important part of the ADBB

The AD/ADRD Bypass Budget *narrative* includes many examples of recent **science advances across multiple research topics** – basic to clinical, care/caregiving, etc.



<https://www.nia.nih.gov/about/together-we-succeed-accelerating-research-on-alzheimers-disease-and-related-dementias>

# Implementation Tracking

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- **IADRP: <http://iadrp.nia.nih.gov/>**
  - *Will continue to offer detailed tracking of awards under the CADRO categories*
- **Web-based tool for tracking funding initiatives and activities:**  
**<https://www.nia.nih.gov/research/milestones>**
  - *Newly revised*
  - *Aimed at addressing the research milestones associated with NAPA*



# NIA Updates



# Ongoing NIA AD/ADRD and Related Intervention and Prevention Trials (~200)

36 Early-stage Clinical Drug Development (Phase I and Phase II Clinical Trials)

Amyloid (10)  
Receptors (4)  
Neuroprotection (4)  
Metabolism and Bioenergetics (2)  
Vasculature (2)  
Growth Factors and Hormones (2)  
Multi-target (2)  
Inflammation (2)  
Oxidative Stress (2)  
Other (6)

8 Late-stage Clinical Drug Development (Phase II/III and Phase III Clinical Trials)

Amyloid (6)  
Neuroprotection (2)

90 Non-Pharmacological Interventions

Exercise (19)  
Diet (6)  
Cognitive Training (22)  
Assistive Tech. (9)  
Sleep (5)  
Combination Therapy (11)  
Other (18)

8 Clinical Therapy Development for the Neuropsychiatric Symptoms of AD/ADRD

Pharmacological (5)  
Non-Pharmacological (3)

61 Care and Caregiver Interventions

Improving Care for PWD (25)  
Improving care provided by family or informal caregiver (36)

[www.nia.nih.gov/research/ongoing-AD-trials](http://www.nia.nih.gov/research/ongoing-AD-trials)



## Alzheimer's and Dementia Outreach, Recruitment, and Engagement Resources

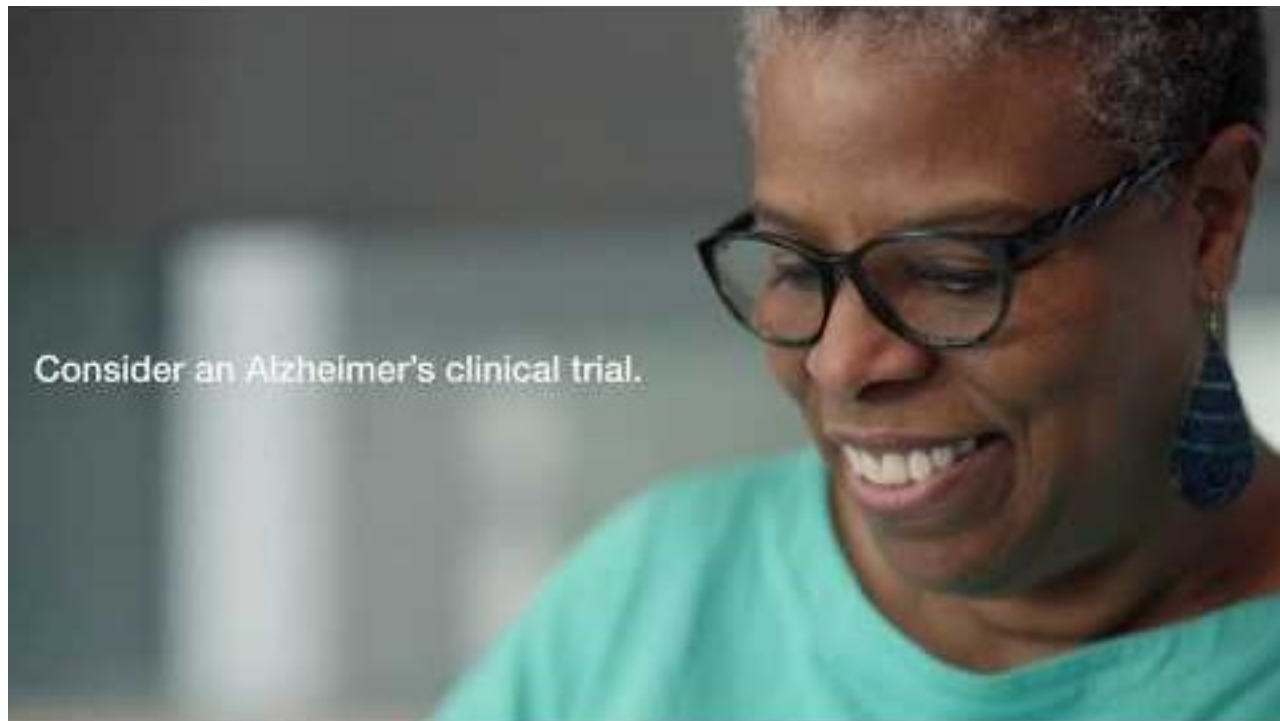
[www.nia.nih.gov/research/ADORE](http://www.nia.nih.gov/research/ADORE)

- **Find** flyers, toolkits, recruitment plans, and more
- **Browse** by goals, participant characteristics, topics.
- **Get** tips from the Recruitment Planning Guide.
- **View, download, and share** participant testimonial **videos**.



# Example of Resources Available to You

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Alzheimer's and Dementia Outreach, Recruitment,  
and Engagement Resources

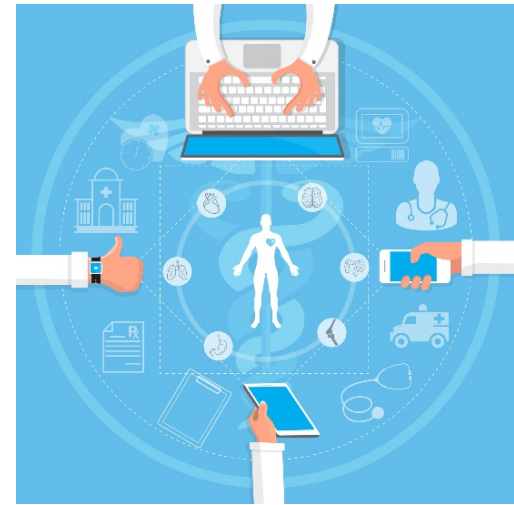
[www.nia.nih.gov/research/ADORE](http://www.nia.nih.gov/research/ADORE)

**Make your resources available via ADORE  
by emailing them to:  
[NIAADRR@mail.nih.gov](mailto:NIAADRR@mail.nih.gov)**



# iCare-AD/ADRD Challenge- Winners Announced!

- 33 submissions for mobile device applications or web-based methods
- 1st place: MapHabit- mobile app
- 2<sup>nd</sup> place: Dementia Care Software System (UCLA)
- 3<sup>rd</sup> place: Caregiver411 (N.C. A&T State)- mobile app



<https://nia.nih.gov/challenge-prize>



# New research collaboratory designed to spur innovation and improve dementia care



**NIA IMPACT**  
**COLLABORATORY**  
TRANSFORMING DEMENTIA CARE

## **NIA IMPACT will:**

- Develop and disseminate technical, policy, and best practices
- Enhance research development and investigator capacity.
- Engage stakeholders



# Save the Dates



# Save the Date

The third **Geroscience Summit** organized  
by the Trans-NIH GeroScience Interest Group:

## ***Targeting Chronic Diseases Through Geroscience***



The Summit will be held on **November 4 & 5, 2019**  
in the NIH Natcher Building, Bethesda, MD.

Registration is open at [www.nia.nih.gov](http://www.nia.nih.gov)!

Questions? [Sierraf@nia.nih.gov](mailto:Sierraf@nia.nih.gov)

# 2019 NIA Directors Regional Meeting

**Save the Date!**



**Thursday, November 7, 2019**

For more information on registration, please visit:

<https://www.nia.nih.gov/news/2019-directors-regional-meeting-slated-november-7-portland-me>

# Save the Date #3

**Dementia Care, Caregiving, & Services Summit**  
**March 24-25, 2020**  
**Natcher Conference Center**  
**Bethesda, MD**

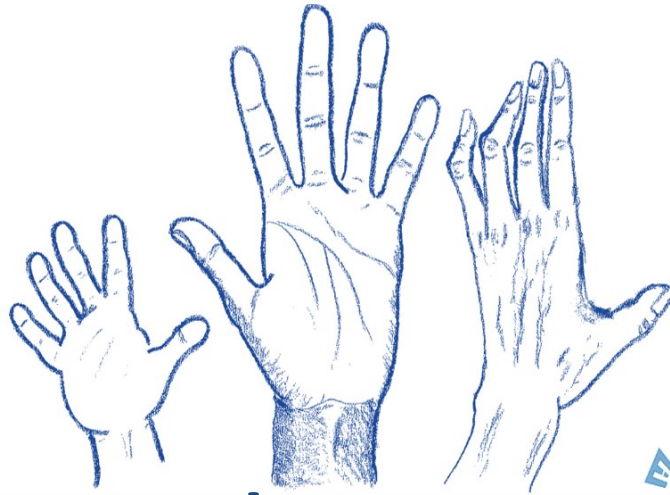


***CALL FOR POSTERS: Submit an abstract by **NOVEMBER 15<sup>th</sup>**.***  
***Registration will open soon!***

**<https://www.nia.nih.gov/2020-dementia-care-summit>**

# Save the Date!

## NIH's 2<sup>nd</sup> Inclusion Across the Lifespan Workshop



September 2-3, 2020

Natcher Conference Center

NIH Main Campus, Bethesda, MD

**RFI coming soon!**



# 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>

