



# National Advisory Council on Aging

Director's Status Report  
Richard Hodes, M.D.  
January 2019



National Institute  
on Aging

# NIH/NIA Budget Update



# FY 2019 Budget Status

**\$39 Billion  
for the NIH**



**\$40M for universal flu vaccine**


**\$29M increase for BRAIN**

**\$86M increase for All of US**

**\$425M increase for AD/ADRD**

- **\$3.1B for the NIA**
- \$84M increase for NIA research; percent increase comparable to other ICs
- **All divisions will benefit**
  - DBSR
  - DGCG
  - DAB
  - DN

# AD/ADRD Targeted Increases

2011	2012	2013	2014	2015	2016	2017	2018	2019
National Alzheimer's Project Act (NAPA)	<b>\$50 M*</b> redirected within NIH budget	<b>\$40 M*</b> redirected within NIH budget	<b>\$100 M</b> additional approp	<b>\$25 M</b> additional approp	<b>\$350 M</b> additional approp	<b>\$400 M</b> additional approp	<b>\$414 M</b> additional approp	

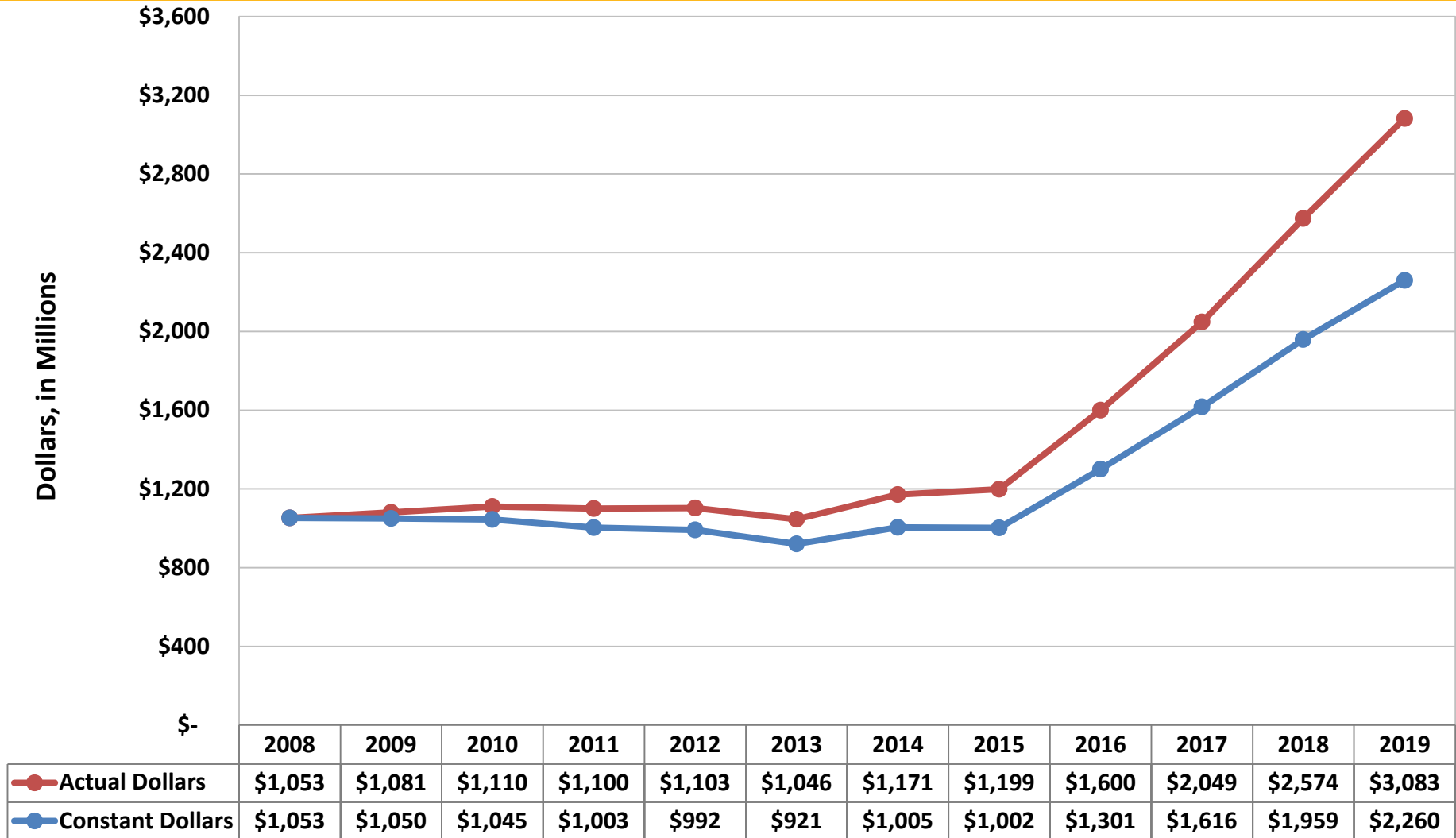
**\$425 M in  
additional  
appropriations  
as of 09/28/18**

\*one-year money

Years displayed are Fiscal Years

# NIA Appropriations

## Fiscal Years 2008-2019



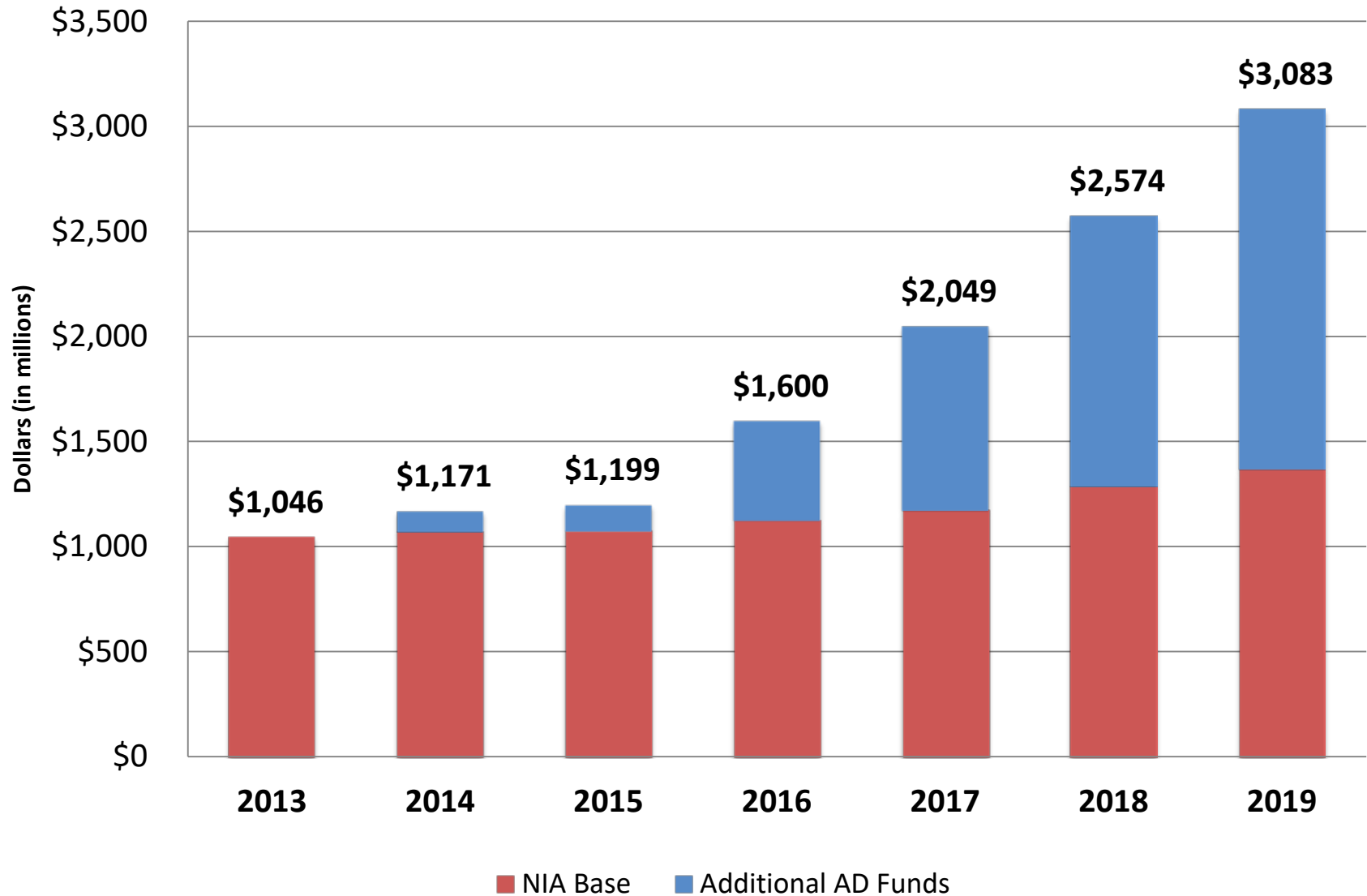
### Appropriations Budget Growth since FY2008-2019

Actual Dollars: **+\$2,030.0M** (192.8%)

Constant Dollars: **+\$1,206.8M** (114.6%)

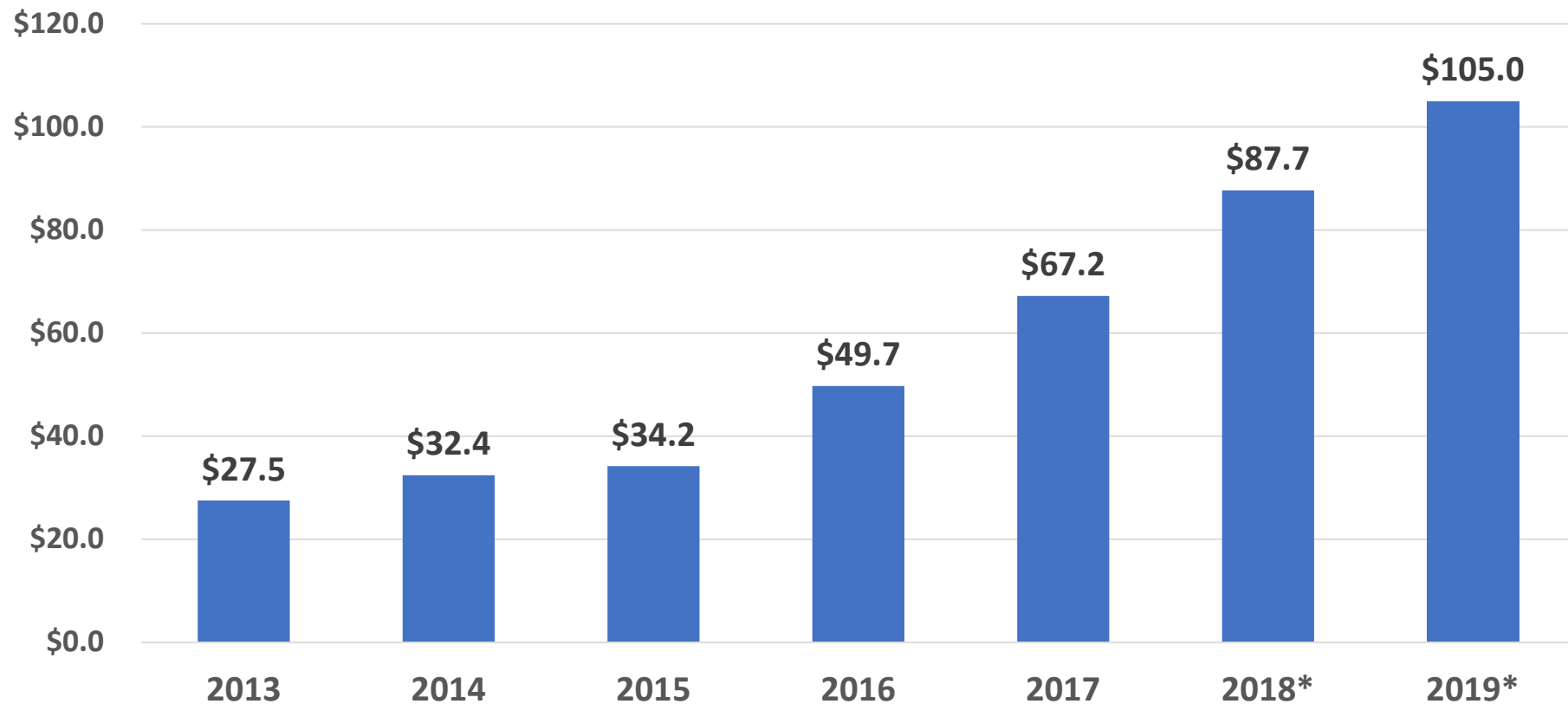
# NIA Appropriations

## Fiscal Years 2013-2019



# NIA SBIR/STTR Obligations

Dollars in Millions



\*estimates

# Allocations for Competing Research Grant Awards, FY 2019

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	15%	12%	28%	25%
N.I. R01s	18%	15%	31%	28%
E.S.I. R01s	20%	17%	33%	30%

*New investigator: An applicant who has not received a prior R01 award or its equivalent.*

*Early-Stage Investigator: A new investigator who is within 10 years of finishing research training.*

*First-time renewing; A former new or early-stage investigator's first renewal application when the investigator has no other NIH grant support.*

*ADRD: Research on Alzheimer's disease and on Alzheimer's-related Dementias*



# FY 2019 Pay Lines

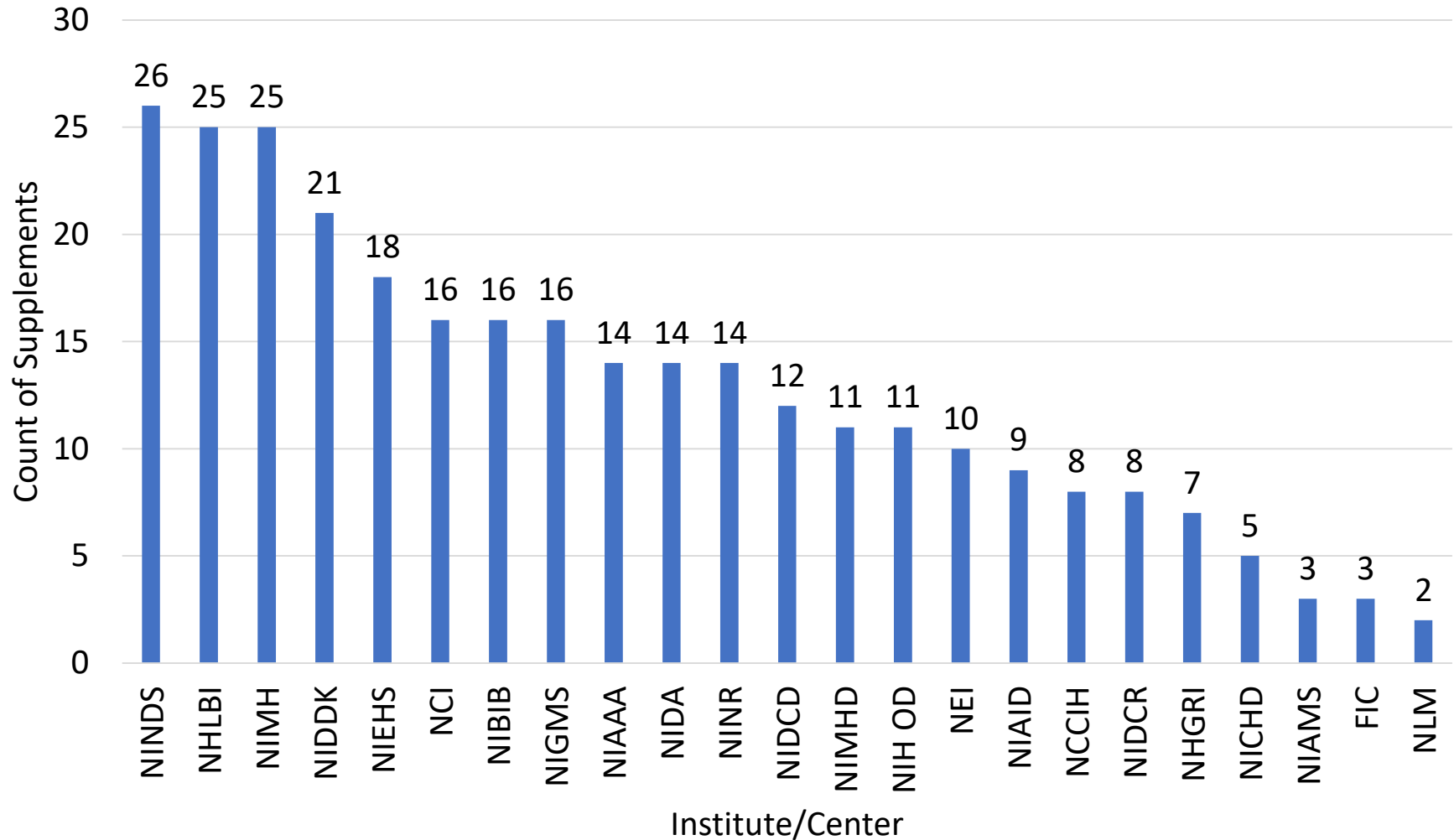
NIA-reviewed Applications		
	General pay line	AD/ADRD pay line
Program projects (PO1)	20	38
Other NIA-reviewed research	20	38

# FY 2019 Pay Lines

Training-related Applications		
	General pay line	AD/ADRD pay line
Training grants (T32, T35)	21	35
Career awards	21	28
Fellowships	28	32



# Supplements by Institute/Center



# NIA Updates



# SPRINT-MIND Research Question

*Does intensive blood pressure control compared with standard control reduce the occurrence of dementia?*



*Randomized Controlled Trial Target Systolic Blood Pressure*



**Intensive Treatment**  
Goal SBP < 120 mmHg  
(n= 4,278)

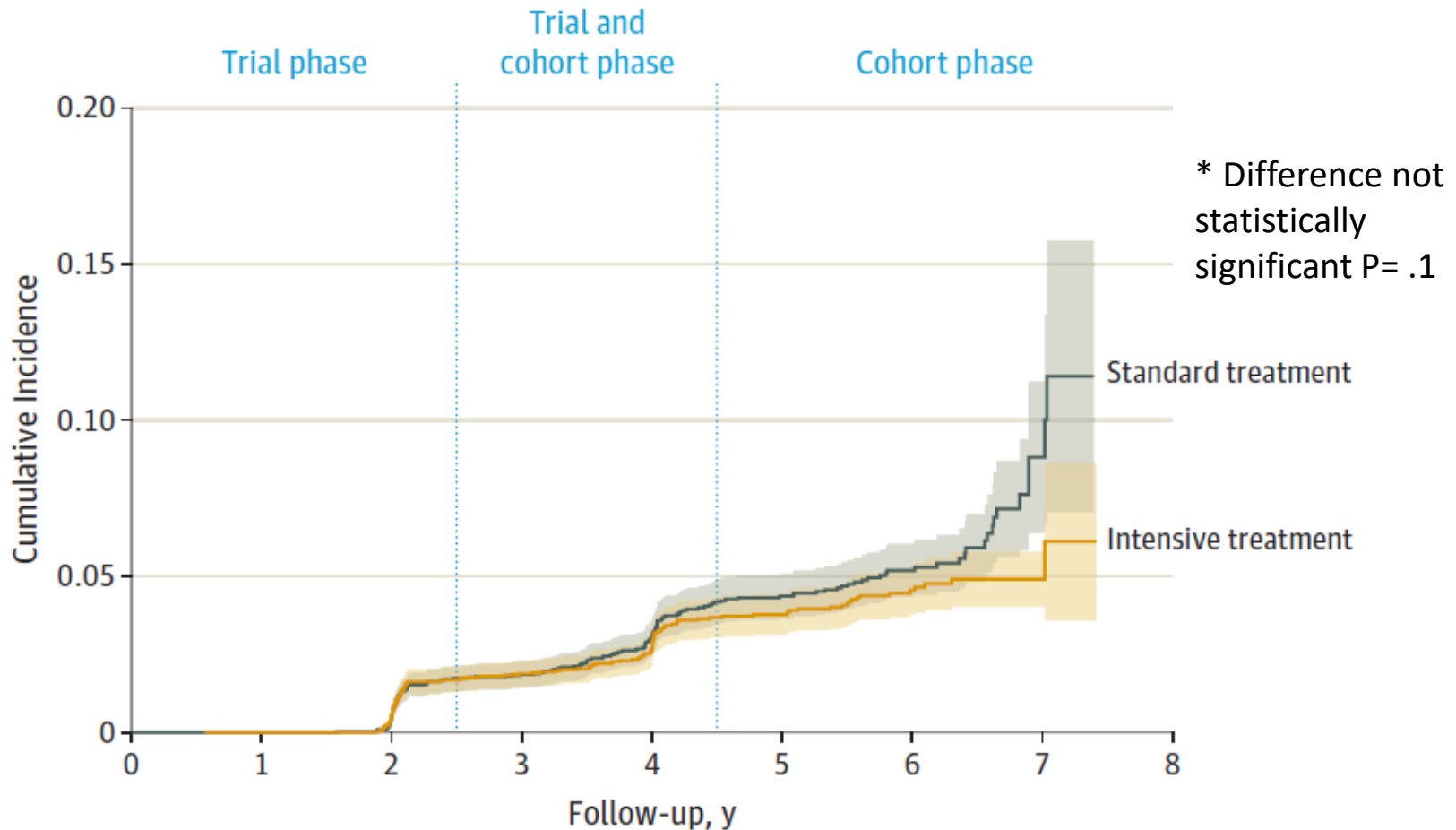
**Standard Treatment**  
Goal SBP < 140 mmHg  
(n= 4,285)



Williamson, J et al.(2019). JAMA; epub ahead of print



# SPRINT-MIND: Primary Cognitive Outcome



Williamson, J et al.(2019). JAMA; epub ahead of print

# SPRINT-MIND:

## Secondary Cognitive Outcome

- The Intensive Treatment Group experienced a statistically significant **reduction in the rate of developing MCI (19% reduction)** as compared to the Standard Treatment Group
- The Intensive Treatment Group experienced a statistically significant **reduction in the rate of composite MCI and probable dementia (15% reduction)** as compared to the Standard Treatment Group

Williamson, J et al.(2019). JAMA; epub ahead of print

# Inclusion Across the Lifespan

October 16, 2018

## Inclusion Across the Lifespan NIH Policy for Clinical Research

Marie A. Bernard, MD<sup>1</sup>; Janine A. Clayton, MD<sup>2</sup>; Michael S. Lauer, MD<sup>3</sup>

[Author Affiliations](#) | [Article Information](#)

*JAMA*. 2018;320(15):1535-1536. doi:10.1001/jama.2018.12368

**Implementation began  
on January 25, 2019**





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### Journal of the American Geriatrics Society

Adequacy of Inclusion of Older Adults  
in NIH-funded Phase III Clinical Trials

DOI:10.1111/jgs.15786

Jaron Lockett, Samir Sauma,  
Barbara Radziszewska, Marie A. Bernard

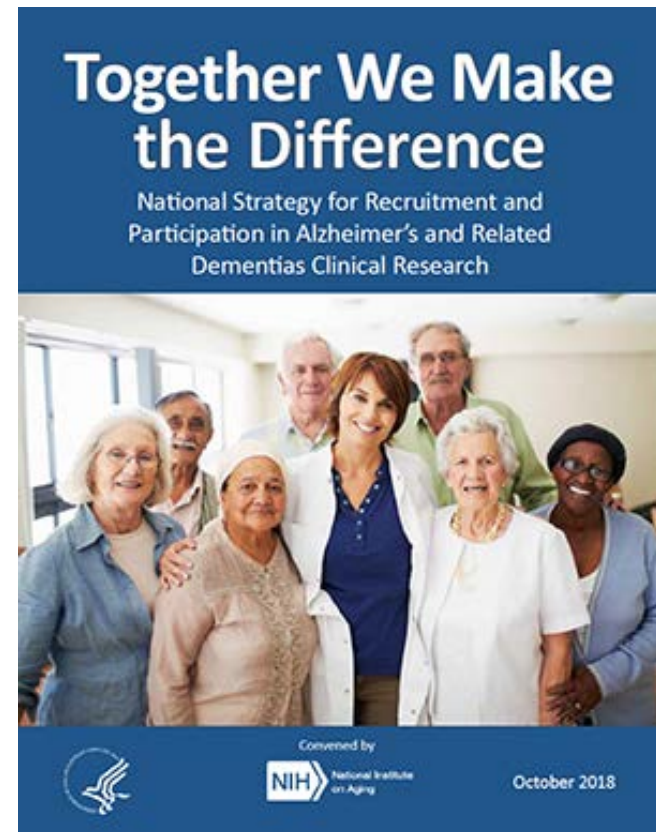
- Analysis of NIH-funded Ph III clinical trials from 1965-2015
- Examined trials for conditions that are the top causes of hospitalization and/or DALYs in older adults
- 33% of studies had arbitrary upper age limits
- 67% of studies reported an avg. participant aged skewed younger than expected for the condition of interest

# National Strategy for Recruitment and Participation in Alzheimer's & Related Dementias Research

## GOALS:

- Engage broad segments of the public in Alzheimer's and related dementias research
- Focus on underrepresented communities
- Assist researchers in successfully and more quickly enrolling and retaining participants in studies

<https://www.nia.nih.gov/research/recruitment-strategy>



Launched October 2018

# A New AHRQ-National Academies Study on Dementia Care Interventions



National Institute  
on Aging



**AHRQ**  
Advancing  
Excellence in  
Health Care

The National  
Academies of

SCIENCES  
ENGINEERING  
MEDICINE



- **Two parts:**

- ☐ **National Academies of Sciences, Engineering, and Medicine:** *Expert panel input on questions and study design*

[www.nationalacademies.org/dementiacare](http://www.nationalacademies.org/dementiacare)

- ☐ **Agency for Healthcare Research & Quality:** *Evidence review*  
<https://effectivehealthcare.ahrq.gov/topics/care-interventions-pwd/key-questions>

- **Status:**

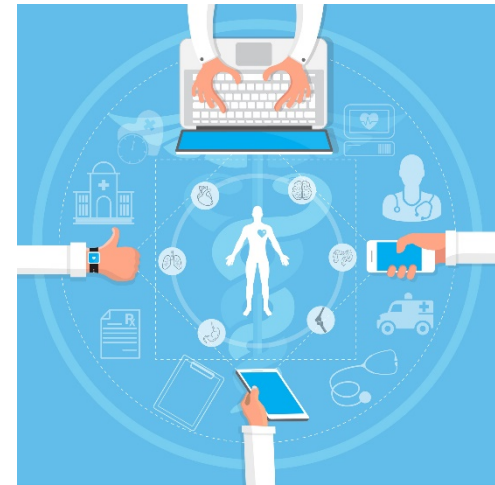
- ☐ **AHRQ Evidence-Based Practice Center Award – Made to the Minnesota EPC – Drs. Mary Butler and Joseph Gaugler are the leads**

- ☐ **NASEM Committee list – posted to:**  
<https://www8.nationalacademies.org/pa/projectview.aspx?key=HMD-HSP-18-04>

# REMINDER: iCare-AD/ADRD Challenge

## Improving Care for People with AD/ADRD Using Technology Challenge

- Seeks to spur the development of technology applications to improve dementia care coordination and/or care navigation
- Up to **\$400,000 in cash prizes** may be awarded to teams or individuals that participate in the competition
- Submissions accepted from October 1, 2018 **through June 30, 2019**
- See <https://nia.nih.gov/challenge-prize> for full prize details



# The Butler-Williams Scholar Program

**The Butler-Williams Scholars Program** provides unique opportunities for junior faculty and researchers who are new to the field of aging to gain insight about research on aging from a number of perspectives.



**Dates:** July 29-August 2, 2019

**Location:** Bethesda, MD

**Eligibility:** Qualified applicants must hold a doctoral degree (Ph.D., M.D., etc.). Only applicants working in the field of aging or actively considering this research field will be considered.

**Application Deadline: March 22, 2019**

*For more details and to apply, please visit:*

<https://www.nia.nih.gov/news/butler-williams-scholars-program-2019>

# Save the Date!



**SAVE THE DATE**

MARCH 14-15

2019

## ALZHEIMER'S DISEASE-RELATED DEMENTIAS SUMMIT 2019:

RESEARCH CHALLENGES AND OPPORTUNITIES

- **Please register online at:**  
<https://meetings.ninds.nih.gov/?ID=21149>
- Attendance in person is encouraged
- Videocast will be available, and the links will be posted on the meeting website closer to the date

**MARCH 14-15, 2019**  
**NATCHER AUDITORIUM, NIH CAMPUS,**  
**BETHESDA MD**

Julie Schneider, MD  
Rush University Medical Center  
*Scientific Chair*

Roderick A. Corriveau, PhD  
NINDS, Program Director  
*NIH Lead*

### Sessions on:

- Multiple Etiology Dementias
- Health Disparities
- Emerging Topics
- Nomenclature
- Frontotemporal Degeneration
- Lewy Body Dementias
- Vascular Contributions to Cognitive Impairment and Dementia



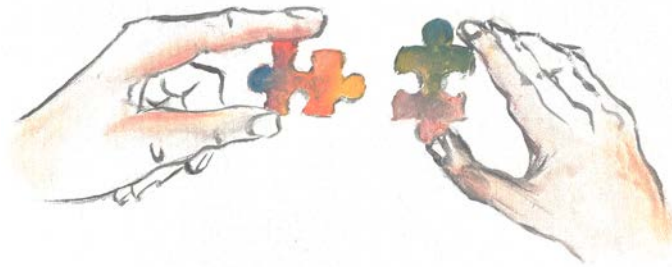
NIH

National Institute of  
Neurological Disorders  
and Stroke



# Save the Date!

## Geroscience Summit III November 4 & 5, 2019



**National Institutes of Health  
Natcher Conference Center  
Bethesda, MD**

*For more information, please contact Felipe Sierra, Director of the  
Division of Aging Biology at the National Institute on Aging  
([Felipe.Sierra@nih.gov](mailto:Felipe.Sierra@nih.gov)).*

# Save the Date!



**AD/ADRD Care and Services Summit (II)**

**March 24-25, 2020**

**Natcher Conference Center**

**Bethesda, MD**



# Other Updates



# NIH is Mourning the Loss of Steve Katz



## Director, National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)

- Died suddenly on December 20, 2018, at the age of 77
- Directed the NIAMS since August 1995
- Came to NIH in 1974 as a Senior Investigator in the Dermatology Branch at the National Cancer Institute
- Trained a large number of outstanding immunodermatologists in the United States, Japan, Korea, and Europe
- Was an outstanding scientist, administrator, and civil servant who was committed to excellence, transparency, integrity, and public trust



# BOLD Infrastructure for Alzheimer's Act

## S. 2076 Building Our Largest Dementia (BOLD) Infrastructure for Alzheimer's Act

- Signed into law on December 31, 2018 and requires:
  - Creation of an Alzheimer's public health infrastructure
  - Establishment of Alzheimer's public health centers of excellence, providing cooperative agreements to public health departments, and increasing data collection, analysis and timely reporting (carried out by CDC)
  - **Coordination across HHS to avoid unnecessary duplication of effort**

# Ways to Stay Informed and Connected

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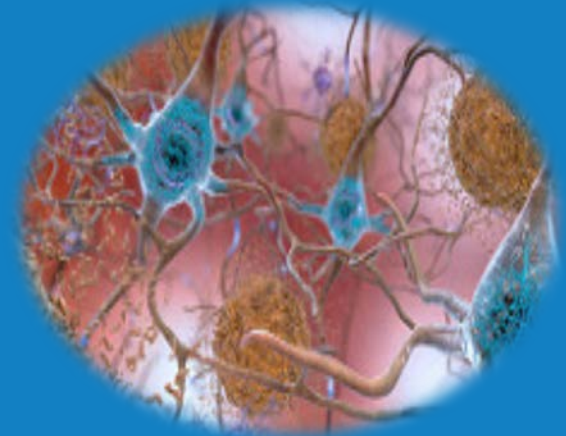
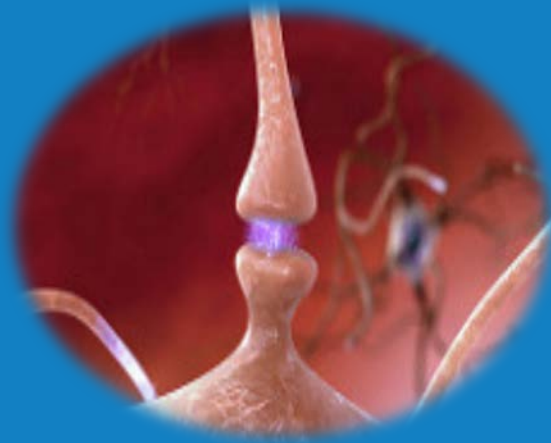
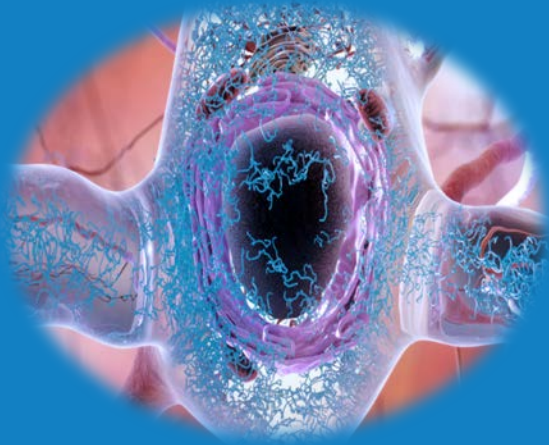
➤ Visit

**<https://www.nia.nih.gov/research/funding>**

to search all active NIA funding opportunities

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# NIA

## The Leader in Aging Research

