Today's Agenda

- NIA Training Landscape
- Transition Awards
- Career Development Awards
- Early Career Research Funding

National Institute on Aging

Keep in Touch the NIA Training Office!

Maria Carranza, Ph.D.
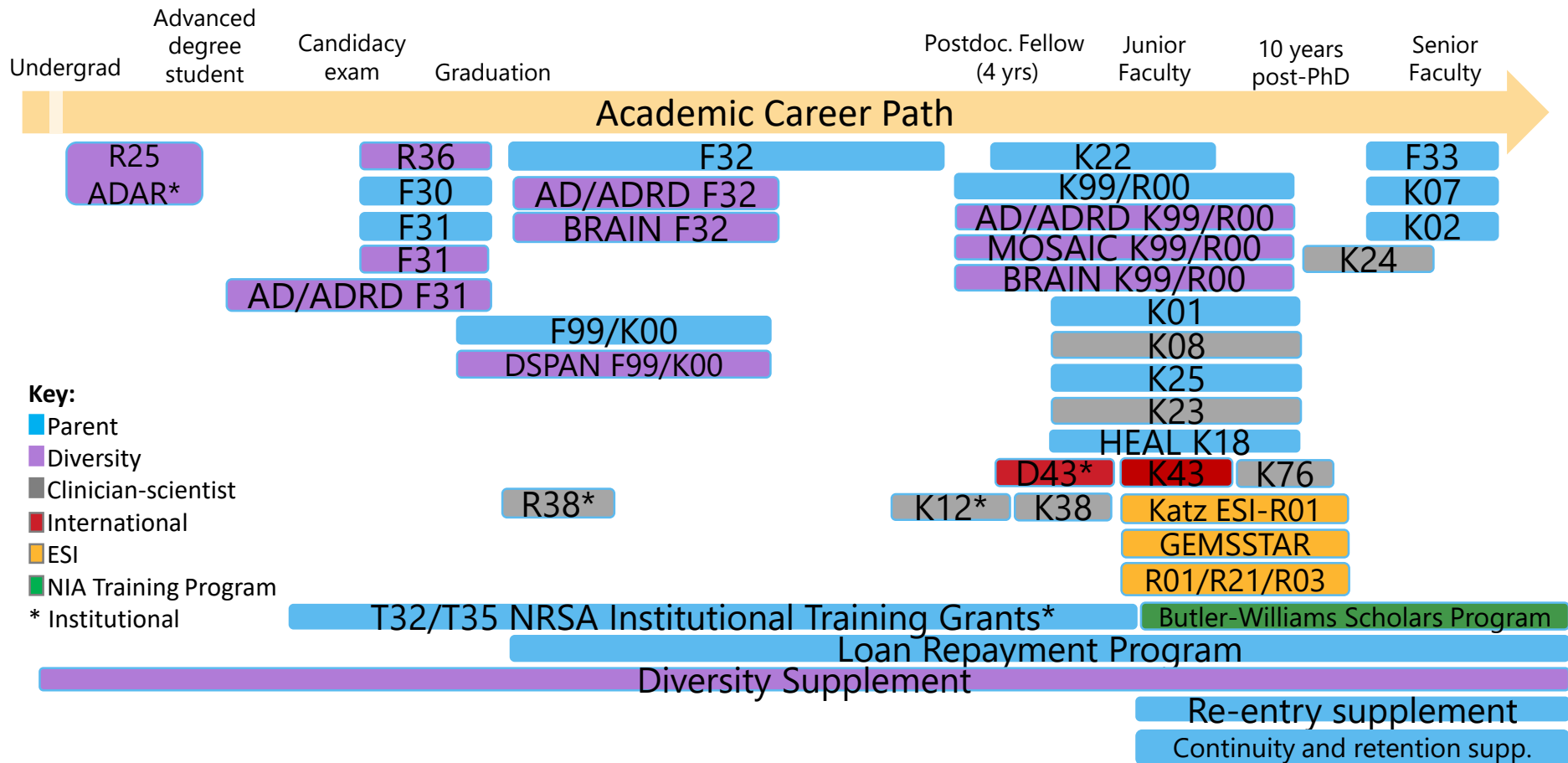Program Director and
NIA Training Officer

Jamie Lahvic, Ph.D.
Science and Technology
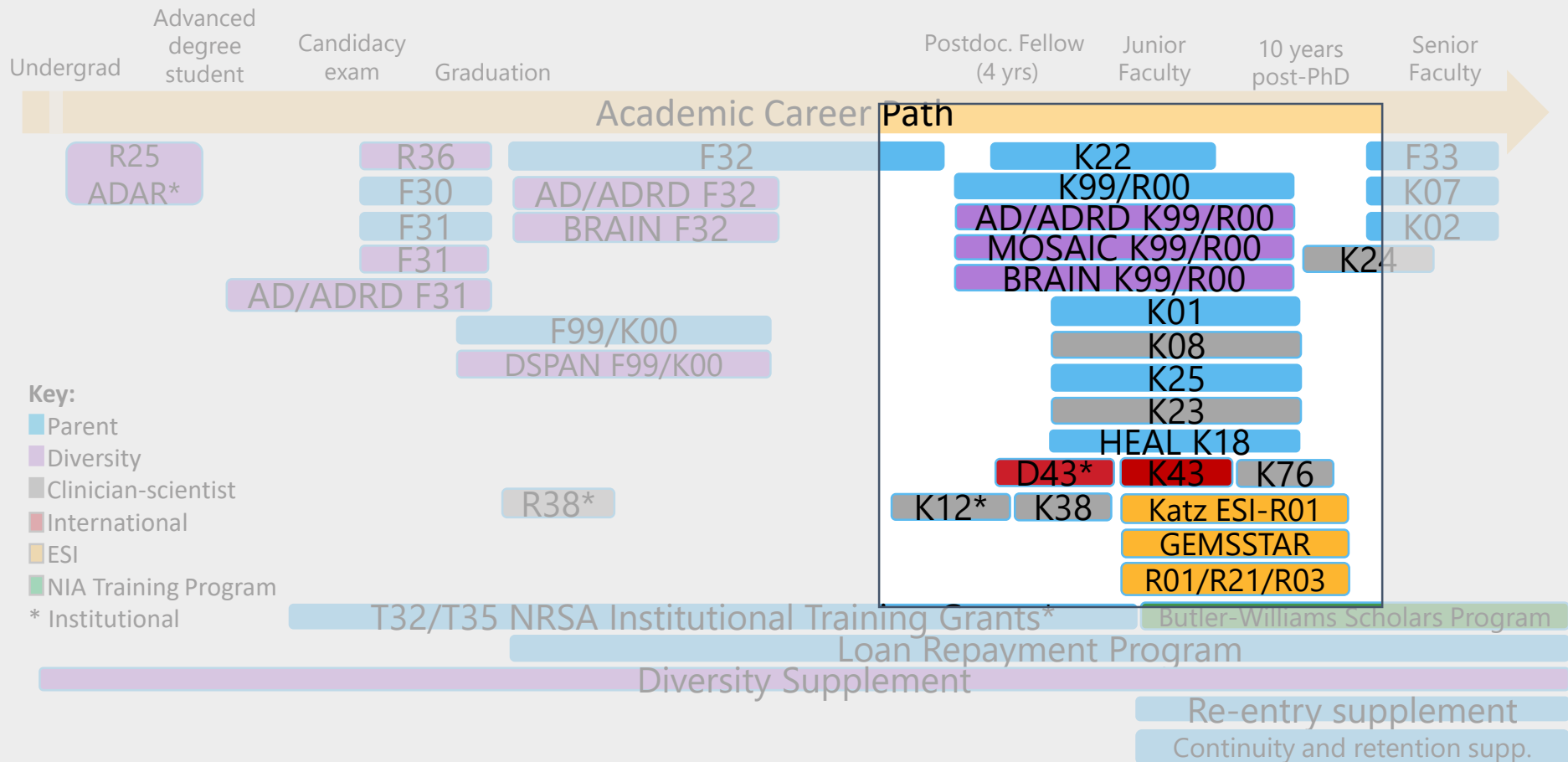Policy Fellow

NIATraining@mail.nih.gov

[NIA Training Website](#)

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NIA Career Development Landscape

Undergrad | Advanced degree student | Candidacy exam | Graduation | | | Postdoc. Fellow (4 yrs) | Junior Faculty | 10 years post-PhD | Senior Faculty

Academic Career Path

R25 ADAR*
R36
F30
F31
F31
AD/ADRD F31
F32
AD/ADRD F32
BRAIN F32
F99/K00
DSPAN F99/K00

K22
K99/R00
AD/ADRD K99/R00
MOSAIC K99/R00
BRAIN K99/R00
K01
K08
K25
K23
HEAL K18
D43*   K43   K76
K12*   K38   Katz ESI-R01
GEMSSTAR
R01/R21/R03

F33
K07
K02
K24

R38*

Key:
- Parent
- Diversity
- Clinician-scientist
- International
- ESI
- NIA Training Program

* Institutional

T32/T35 NRSA Institutional Training Grants*   Butler-Williams Scholars Program

Loan Repayment Program

Diversity Supplement

Re-entry supplement

Continuity and retention supp.

Postdoc to Faculty Transition Awards

Postdoc to Faculty Transition Awards

K99

K22

*No citizenship or residency requirement

Eligibility:
Up to 4 years postdoc experience

K99:
1-2 years of postdoctoral funding

R00:
3 years of independent researcher funding

Eligibility:
2-8 years postdoc experience

Approval Letter:
Up to 1 year to secure faculty position

K22:
3 years of salary and research funding

249k direct costs

100k salary
50k research

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K99/R00 Pathway to Independence Awards

Award	Name	Discipline	Funding Opportunity Announcements
Parent K99/R00	NIH Pathway to Independence Award	All aging research	PA-20-187 PA-20-188 PA-20-189
AD/ADRD K99/R00	Advanced Postdoctoral Career Transition Awards to Promote Diversity in Translational Research for AD/ADRD	Drug discovery or data science research in AD/ADRD	PAR-21-220
MOSAIC K99/R00	Maximizing Opportunities for Scientific and Academic Independent Careers Award to Promote Diversity	All aging research	PAR-21-271 PAR-21-272 PAR-21-273
BRAIN K99/R00	BRAIN Initiative Advanced Postdoctoral Career Transition Award to Promote Diversity	BRAIN Initiative research areas	RFA-NS-19-043 RFA-NS-19-044
NINDS AD/ADRD K99/R00	NINDS AD/ADRD Advanced Postdoctoral Career Transition Award to Promote Diversity	NINDS AD/ADRD priorities	PAR-22-022

Plan Ahead and Leave Time for Resubmission!

Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec

Cycle I

Review

Earliest start date

Cycle II

Earliest start date

Review

Cycle III

Review

Earliest start date
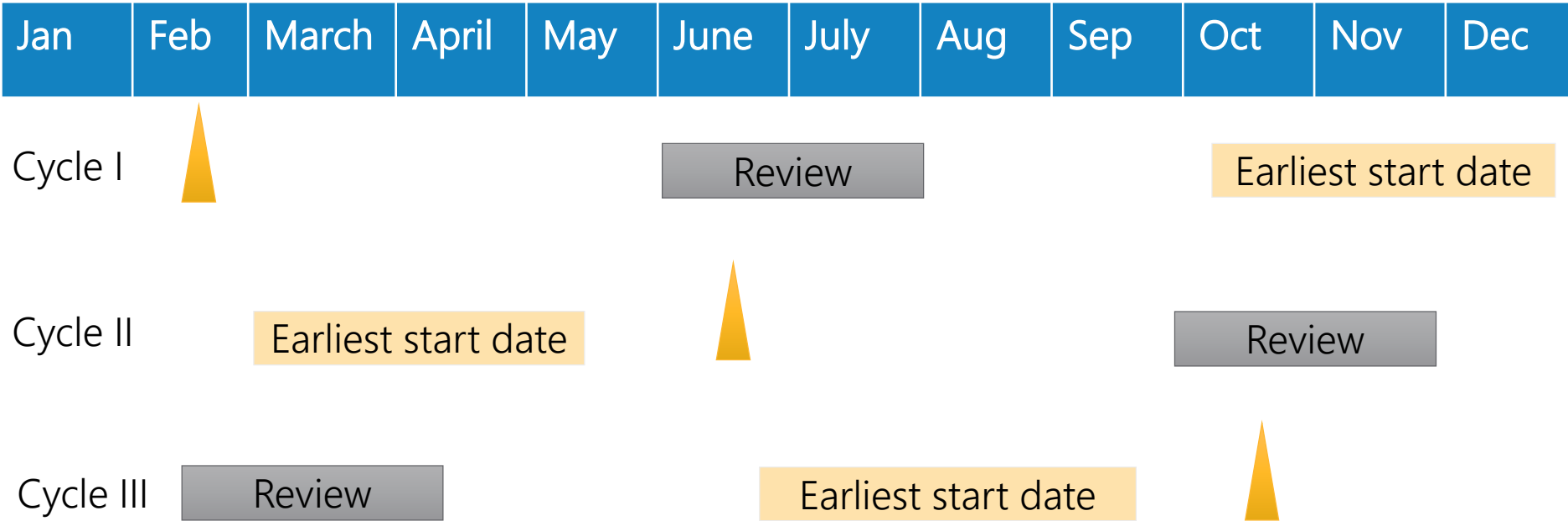
The K99 4-Year Eligibility Window

- The clock starts when you start your first **postdoc**, not when you receive your PhD.

- The limit applies to **initial submissions AND resubmissions**, so apply early!

- COVID-19 Extensions (Automatic):
  - If your final due date was up to Feb/Mar 2022: 2 cycle extension
  - If your final due date will be June/July 2022: 1 cycle extension (to Oct/Nov 2022)
  - If your final due date is Oct/Nov 2022 or later, no extension available currently

- Childbirth: 1 year extension; email us your child's birth date.
  - COVID-19 and childbirth extensions **DO NOT STACK**; maximum extension is one year.

- Other extensions (medical leave, time off between postdocs, etc): case-by-case, email us

- Not sure about your timing? Email us. NIATraining@mail.nih.gov

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Advice on Applying for:

Career development plan, panel of advisors, is as important as research plan!

Career Transition Awards

You and your postdoc advisor should **both** explain your plans to transition to independence

Describe BOTH postdoctoral and independent portion

It's in the name!

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Career Development Awards for Faculty

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Mentored Career Development Awards (K)

| K01 | K08 | K18 | K23 | K25 | K76* |

- Provide up to 5 years of funding

- Salary: $75k-100k, require 75% effort

- Research: $20k-40k

- U.S. Citizen or permanent resident required by time of award

- Can apply to many as a postdoc, may require faculty position by time of award

Mentored Career Development Awards (K)

K01	Mentored Research Scientist Development Award
K08	Mentored Clinical Scientist Research Career Development Award, Translational and Clinical Research
K18	HEAL Initiative: Translational Science Career Enhancement Award, for translational researchers working on pain therapies
K25	Mentored Quantitative Research Development Award, open to quantitative scientists without prior wet lab research background
K23	Mentored Patient-Oriented Research Career Development Award

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K effort FAQs

- Can I apply for a K if I have an Alzheimer's Association or other foundation career award?
  - Yes!
  - Will need to adjust to <100% total effort, Alzheimer's Association will work with you.

- What happens to my K if I receive research (R) funding from NIH?
  - You can keep both!
  - Will need to adjust to <100% total effort
  - In **years 4 and 5**, you can request to decrease your K effort to 50%

Research Awards for Early Career Faculty

National Institute on Aging

New Investigators and Early Stage Investigators

Early Stage Investigator (ESI)

- Has NOT received R01 or equivalent
- Completed terminal research degree or clinical training within the past 10 years

New Investigator (NI)

- Has NOT received R01 or equivalent

R01-equivalent awards: DP1, DP2, DP5, R01, R37, R56, RF1, RL1, U01 and R35 (select program announcements).

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Why is your status important?

- NIA's pay line has been historically better for NI/ESI

- Example: NIA's Fiscal Year 2021 Pay Lines

CSR-Reviewed Research Applications (Percentile Based)			
	General Pay Line <$500K	General Pay Line ≥$500K	AD/ADRD Pay Line
All (except below)	8%	5%	28%
New Investigator R01s	11%	8%	31%
Early Stage Investigator R01s	13%	10%	33%

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Extensions to ESI Status

- Automatic approval: childbirth extensions (1 year extension per child, birth parent only)

- Case-by-case approval: all others, including medical or family leave, COVID-19 delays, natural disaster, etc.

- Recent policy update: Second extensions of ESI status will be considered for life events that happen:

    1. During an initial extension, or

    2. Simultaneous to another qualifying life event.

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Research Mechanism Comparison: Which is right for you?

R01
Research Project Grants

- Standard 5-year award; no budget limit but need to reflect the actual needs of the proposed project
- Advanced/established independent work

R21
Exploratory/Developmental Grants

- Smaller risk 2-year award; $200K direct costs per year
- No preliminary data required (but may include)

R03
Small Research Grants

- $50-100K direct costs per year for up to two years
- Pilot research that is likely to lead to a subsequent individual R01

R03 Research Grants from NIA

NIH Small Research Grant Program (Parent)	All aging research (PA-20-200)
Small Research Grant Program for the Next Generation of Researchers in AD	3 AD/ADRD focus areas: • Working with Existing Data Sets (PAS-19-391) • Basic Science (PAS-19-392) • Systems Biology (PAS-19-393)
Grants for Early Medical/ Surgical Specialists' Transition to Aging Research (GEMSSTAR)	An award for: • Early-career physician-scientists trained in medical or surgical specialties • Early-career dentist-scientists

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R21 Research Grants from NIA

NIH Exploratory/ Developmental Research Grant Program (Parent R21)	• Clinical Trial Required (PA-20-194) • Clinical Trial Not Allowed (PA-20-195) • Basic Experimental Studies in Humans (PA-20-196)
Early Stage Investigator Research Using Nonhuman Primate (NHP) Models	• For ESIs who have at least two years of postdoctoral experience. • Research using NHP models (PAR-21-109).

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R01 Research Grants at NIA

NIH Research Project Grant (Parent R01)	• Clinical Trial Required ([PA-20-183](#)) • Clinical Trial Not Allowed ([PA-20-185](#)) • Basic Experimental Studies in Humans ([PA-20-184](#))
[Stephen I. Katz Early Stage Investigator Research Project Grant](#)	Supports an innovative project in an area of science that represents a change in research direction for an **early stage investigator (ESI)** and for which **no preliminary data** exist. • Clinical Trial Not Allowed ([PAR-21-038](#):) • Basic Experimental Studies with Humans ([PAR-21-039](#)):
Many additional R01s!	For topic-specific R01s, many related to AD/ADRD, [search the NIH Guide](#)

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The Butler-Williams Scholars Program

- Highly competitive NIA Training Program for junior faculty and researchers new to the field of aging to gain insight about aging research.

- Emphasis on cohort networking and capacity-building

- Recent Butler-Williams Blog Post

Dates: Aug. 23-25, 2022
Applications Due: April 15, 2022 (5pm)
Location: Virtual
Eligibility: Ph.D., DrPH, M.D., DO, etc.
Email: NIABWSP@mail.nih.gov

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We've updated our Twitter handle!

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We will continue to feature:

NIA research and news

Alzheimer's disease and related dementias information

Healthy aging content

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