

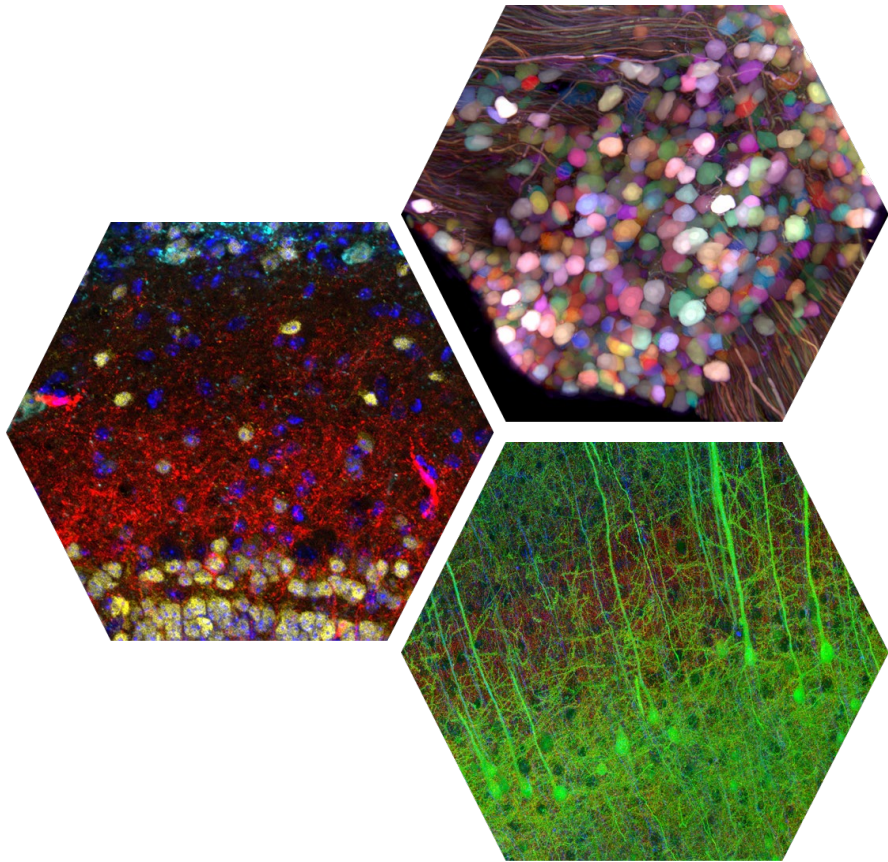
NIH > The BRAIN Initiative[®]

BRAIN Initiative Demographics FY14-FY21

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Crystal L. Lantz, Ph.D.

Ryan R. Richardson, Ph.D.



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BRAIN Initiative Investigator Demographics FY14-FY21

To support the best science, the NIH BRAIN Initiative encourages inclusivity in research. Examples of types of diversity include but are not limited to:

Transdisciplinary research

- Collaborations among neuroscientists and researchers from fields such as computational biology, physics, engineering, mathematics, computer and data sciences, and bioethics

Individuals from diverse backgrounds

- Such as underrepresented racial and ethnic groups, those with disabilities, those from disadvantaged backgrounds, and women

Career stage

- Researchers at different career stages

Geographic distribution

- Individual applications and partnerships that enhance geographic and regional heterogeneity

Institution “type”

- Engagement from different types of institutions and organizations (e.g., research-intensive, undergraduate focused, minority-serving, community-based)



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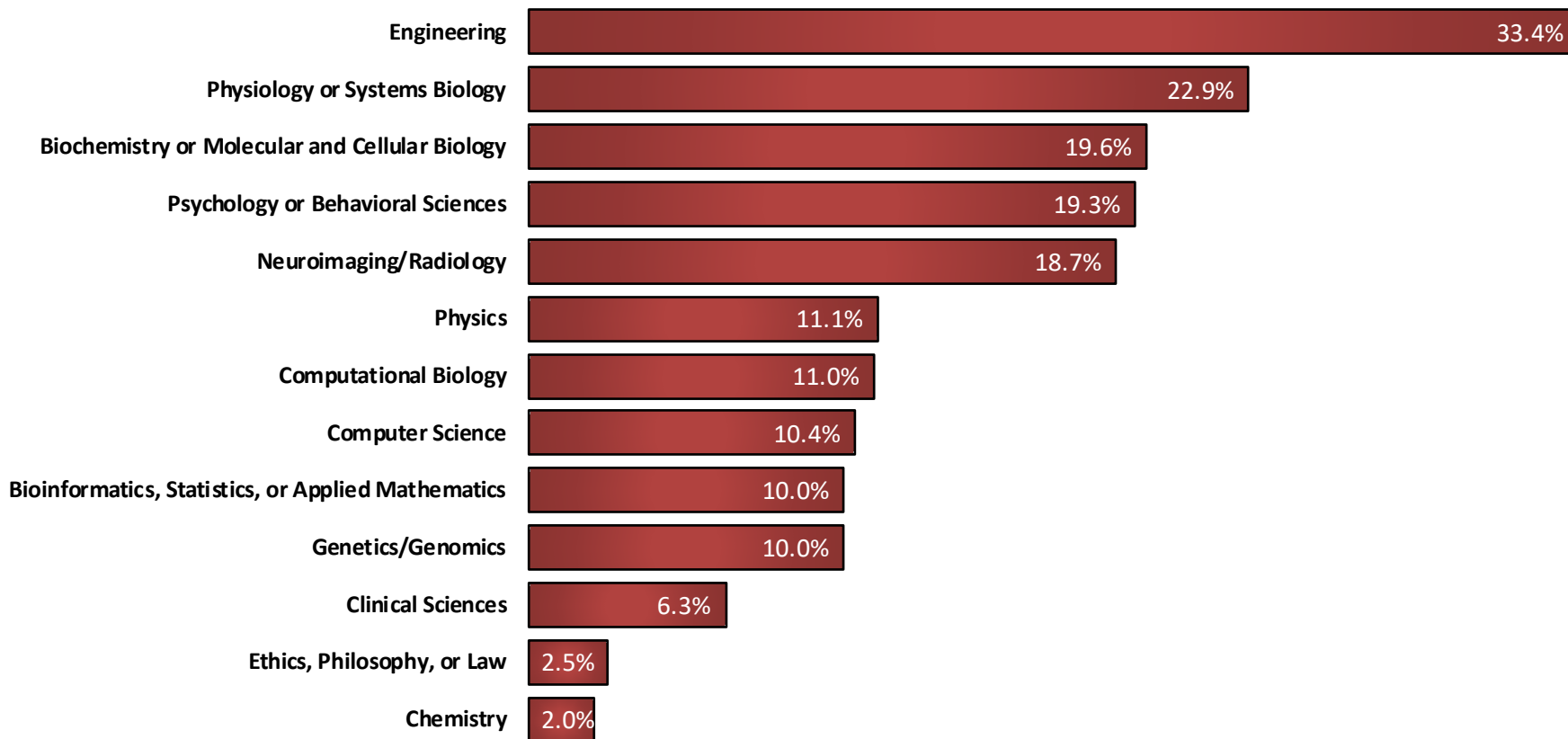
Institution “type”

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Research Expertise of BRAIN-Funded Scientists

Percentage of Responders Indicating As Primary or Secondary Field (%)

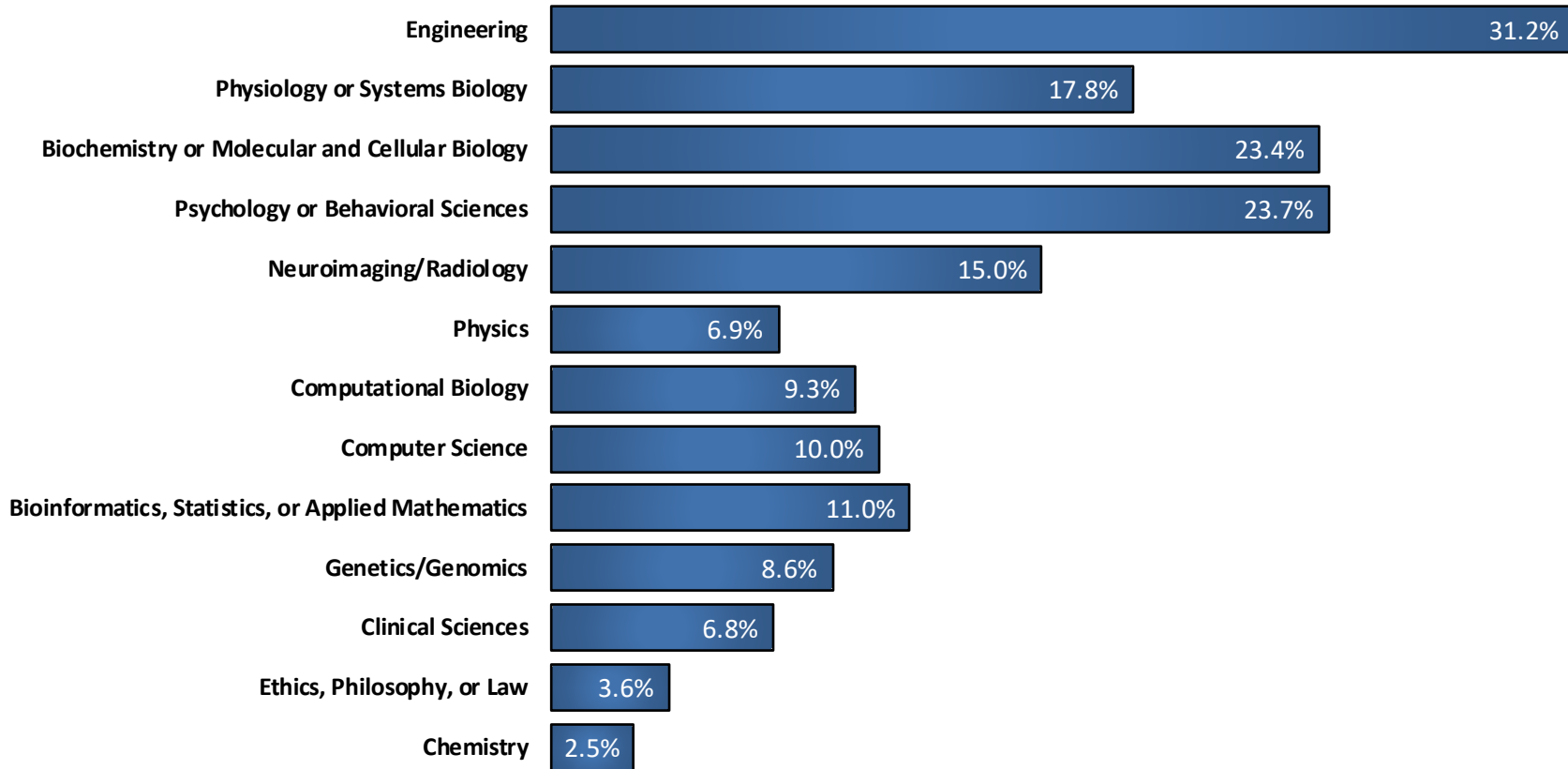


N = 830 Respondents to 2021 BRAIN Initiative Investigators Meeting Registration



Research Expertise of Trainees

Percentage of Responders Indicating As Primary or Secondary Field (%)



N = 721 Respondents to 2021 BRAIN Initiative Investigators Meeting Registration



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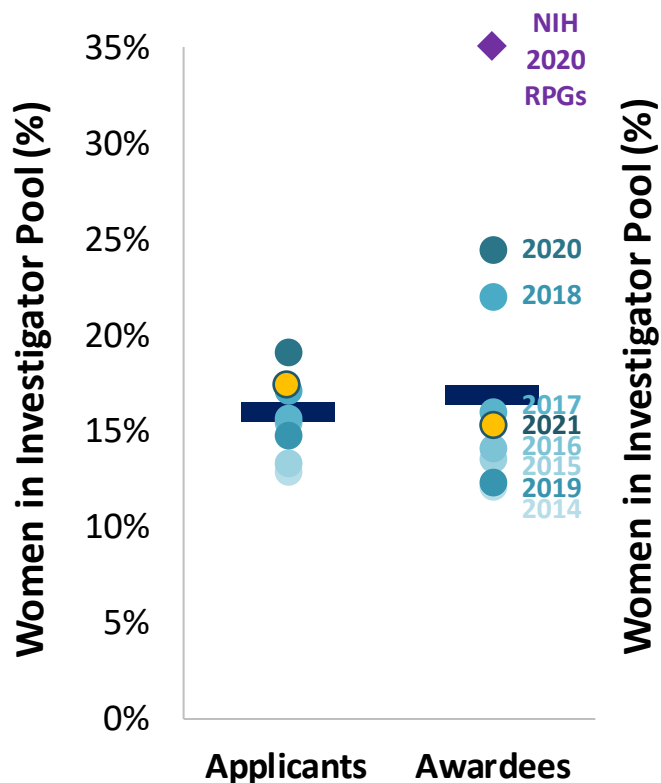
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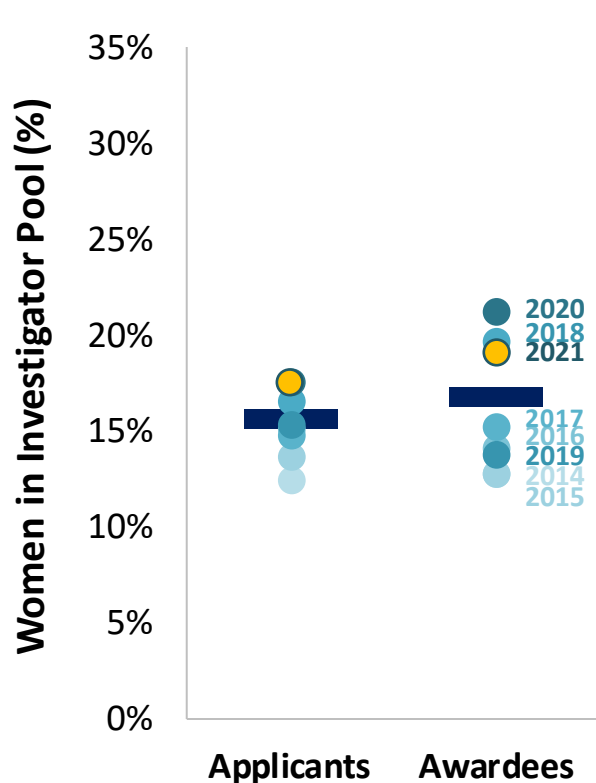


Gender of BRAIN Initiative Investigators

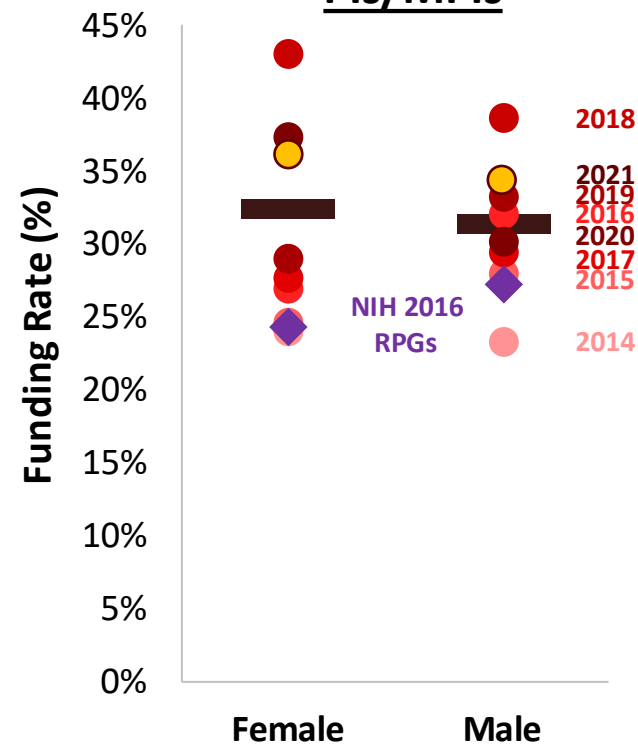
Women - Contact PIs



Women - All PIs/MPIs



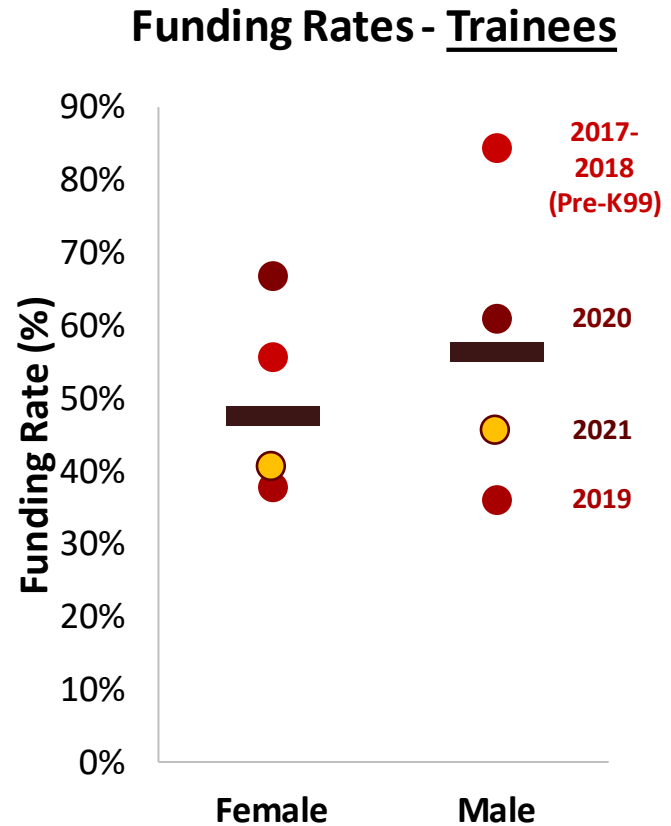
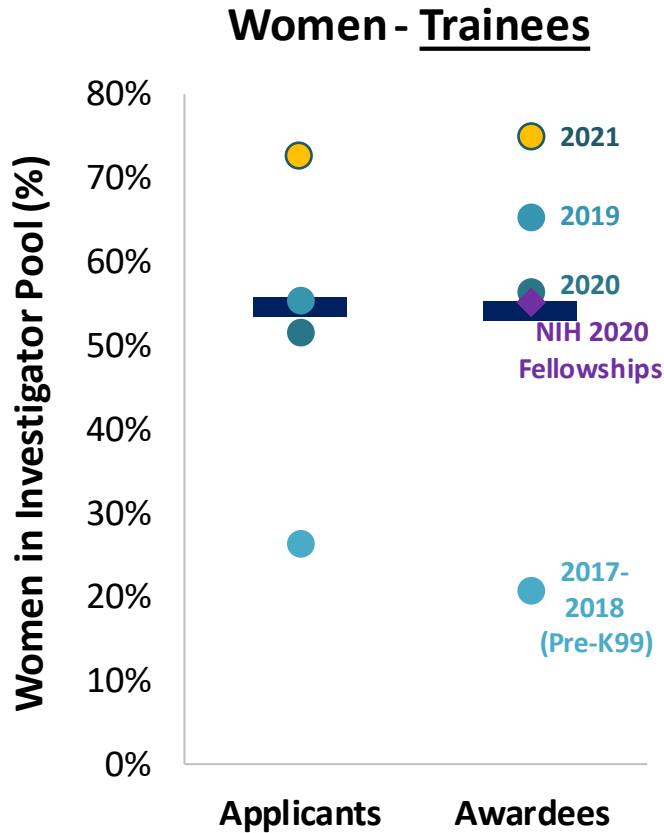
Funding Rates - All PIs/MPIs



Unknown = 4-8% Overall



Gender of BRAIN Initiative Trainees

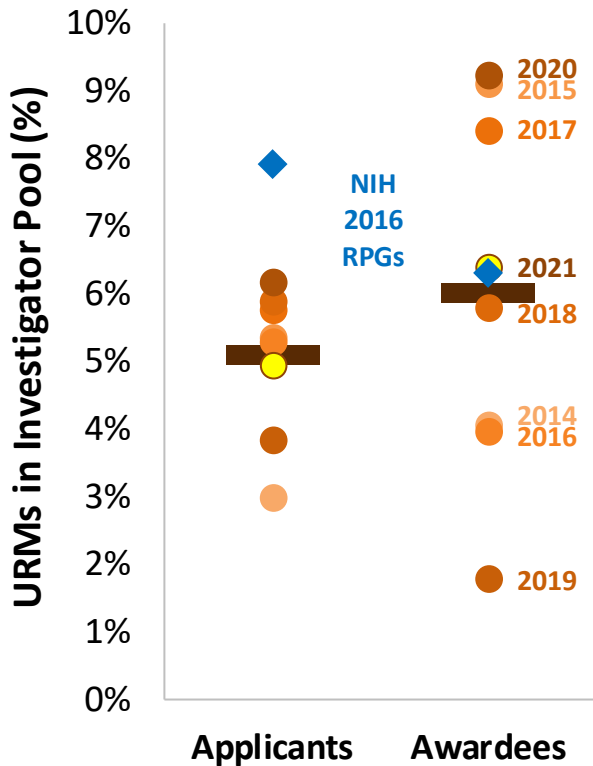


Unknown = 6-12% Overall

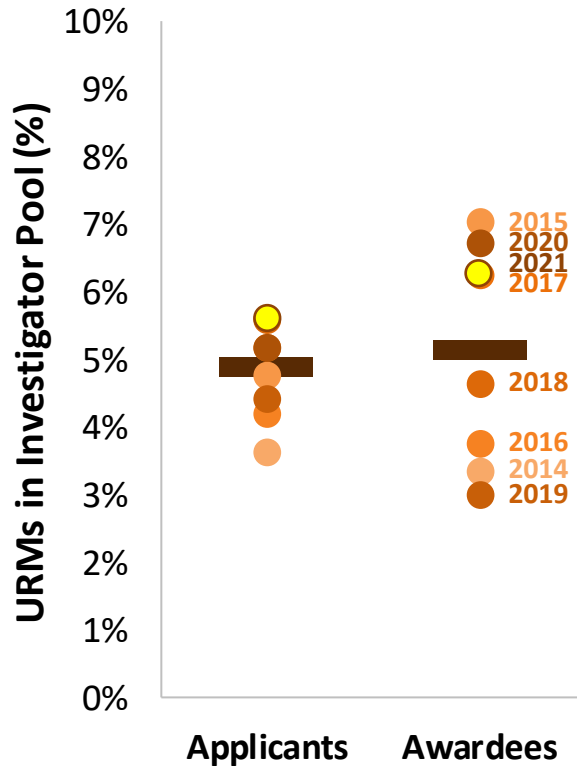


Race/Ethnicity of BRAIN Initiative Investigators

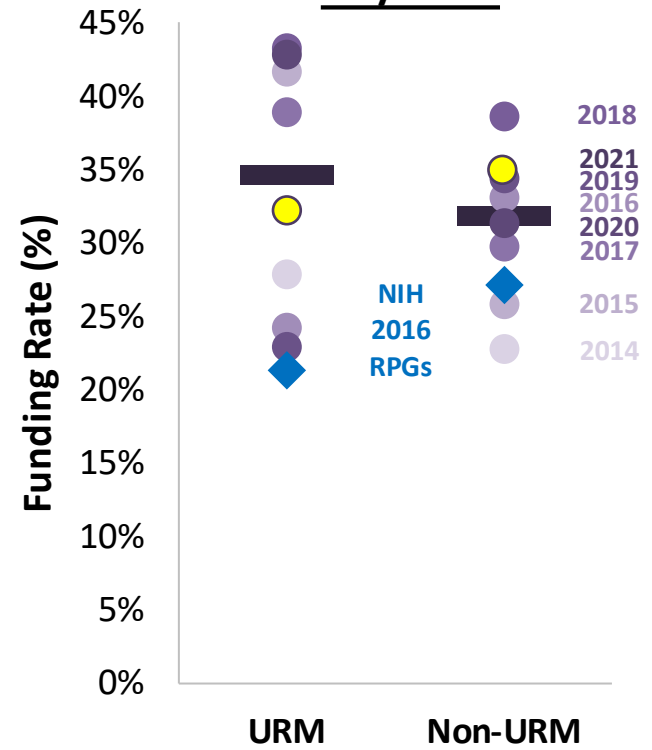
URMs - Contact PIs



URMs - All PIs/MPIs



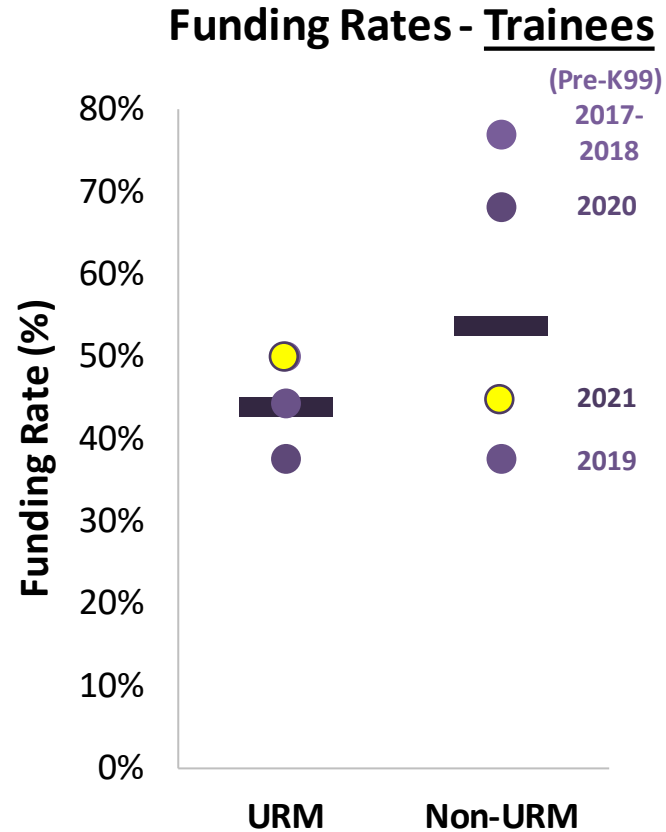
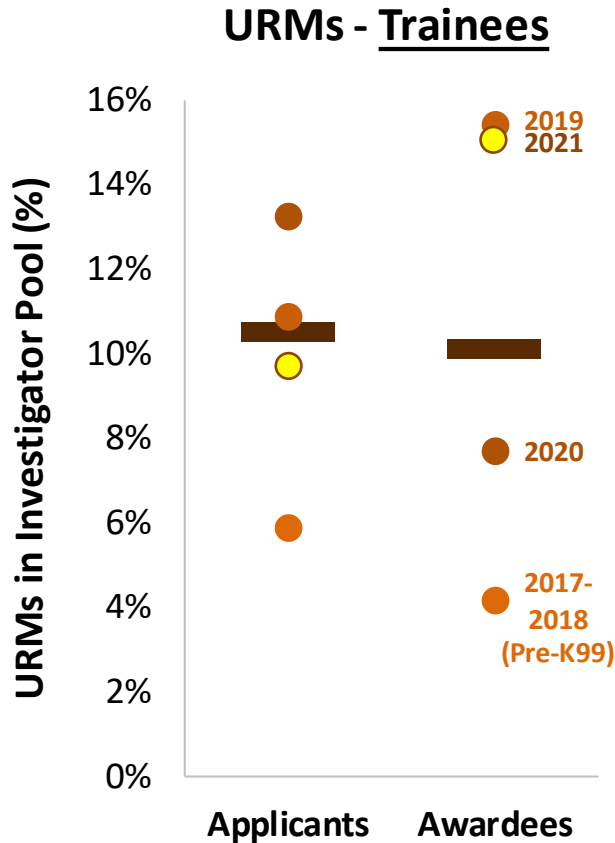
Funding Rates - All PIs/MPIs



Unknown = 13-18% Overall



Race/Ethnicity of BRAIN Initiative Trainees



Unknown = 7-17% Overall



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Individuals from diverse backgrounds

- Such as individuals with disabilities, veterans, and those from diverse ethnicities and cultures

Career stage

- Researchers at different career stages

Geographic distribution

- Individual applications and partnerships that enhance geographic and regional heterogeneity

Institution “type”

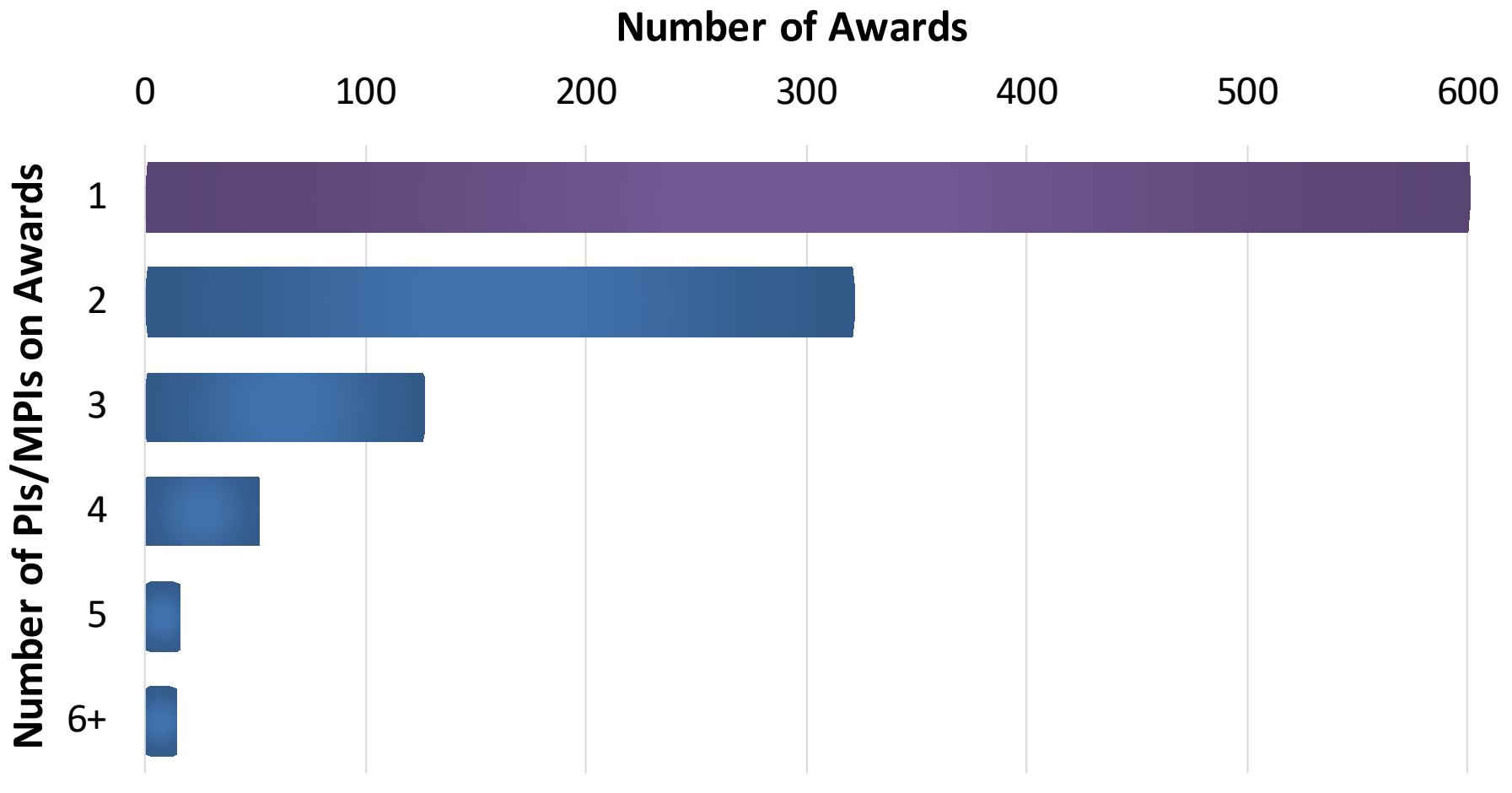
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Team Science

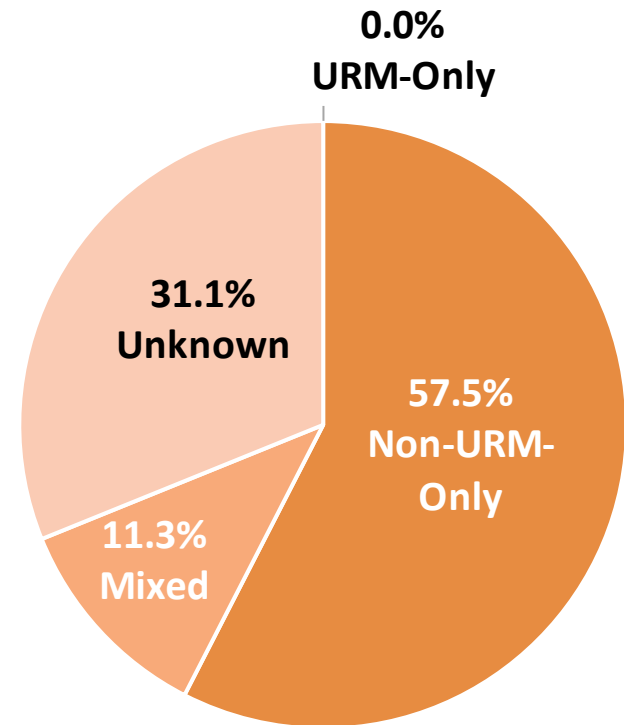
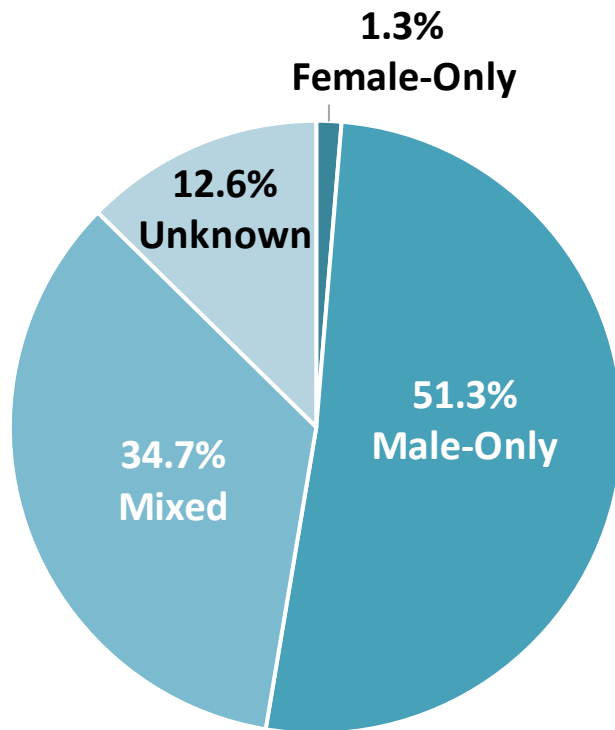
- Diversity among persons represented on multi-investigator project teams



47% of BRAIN Awards Have Multiple PIs



Most Multi-PI Teams are Male and Non-URM



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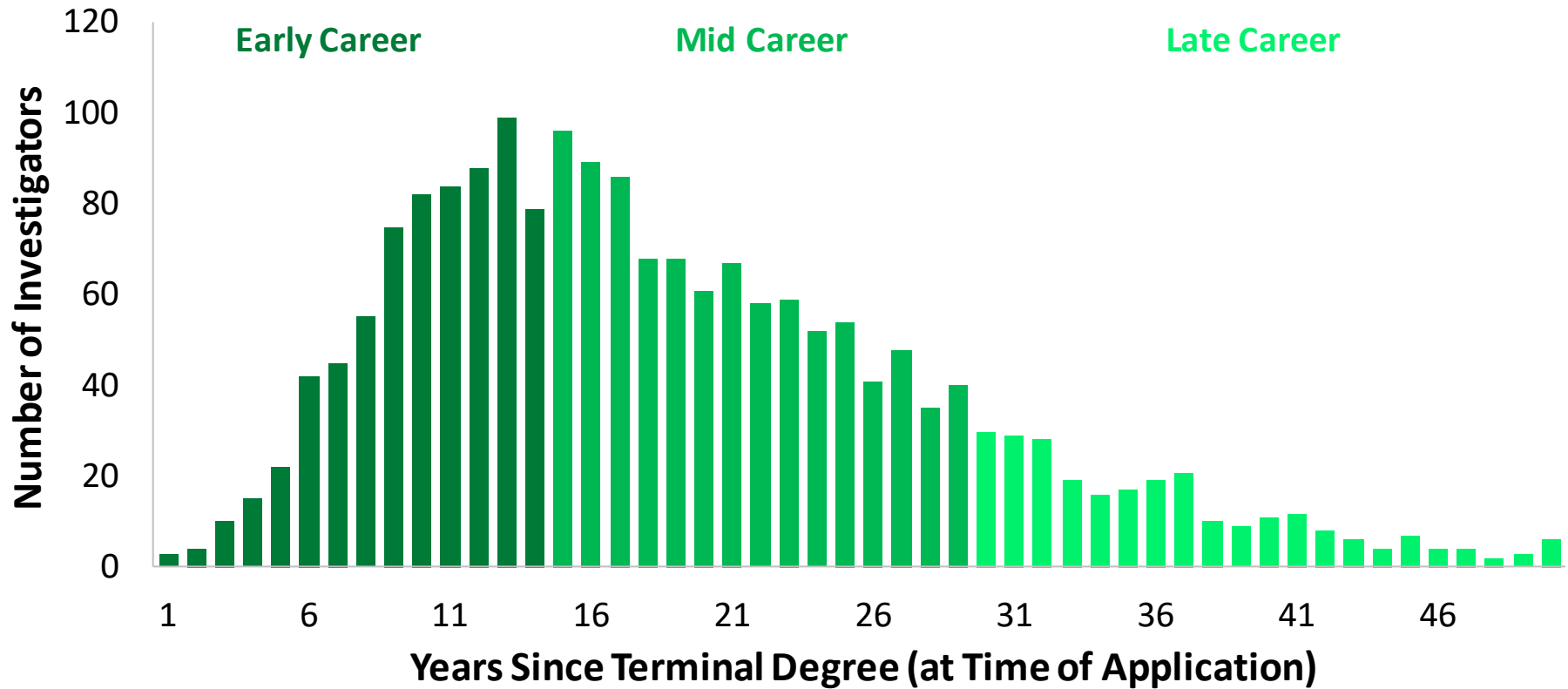
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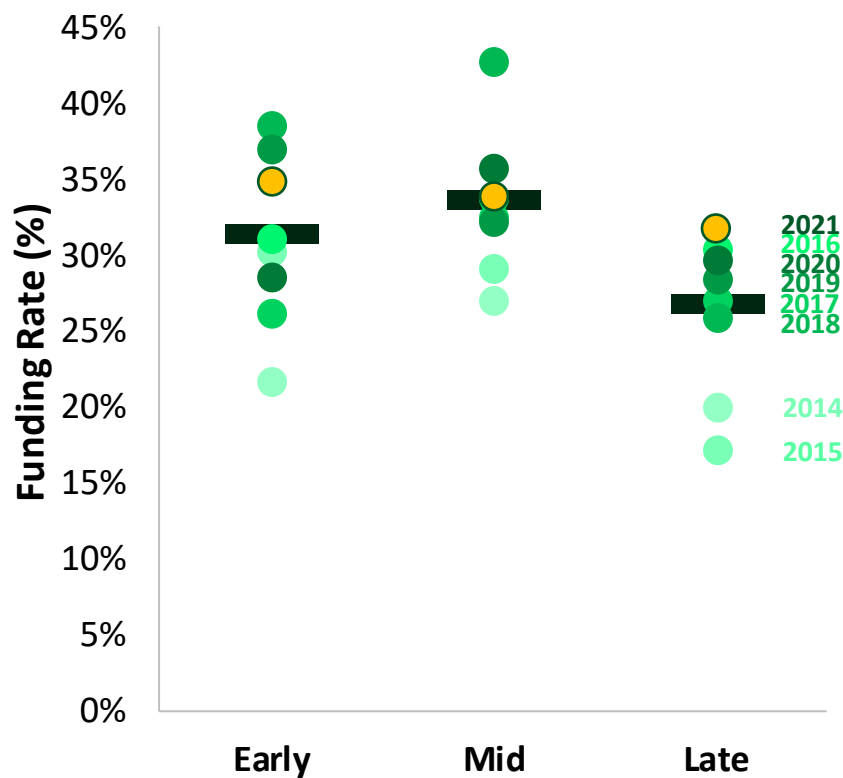


Career Stage of BRAIN Initiative Investigators



Career Stage of BRAIN Initiative Investigators

Funding Rates



Early Career

- 0-14 years since terminal degree

Mid Career

- 15-29 years since terminal degree

Late Career

- 30+ years since terminal degree



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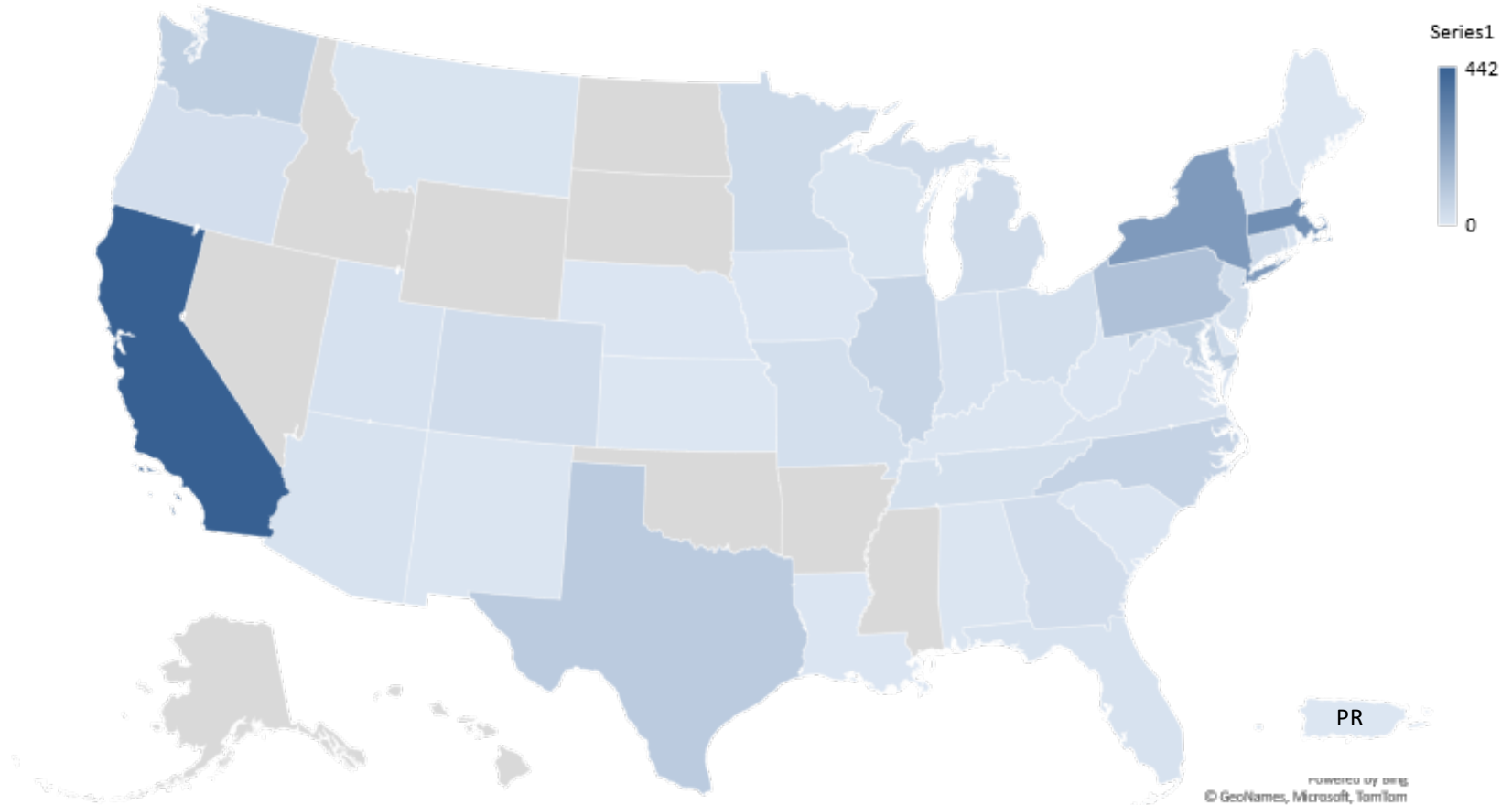
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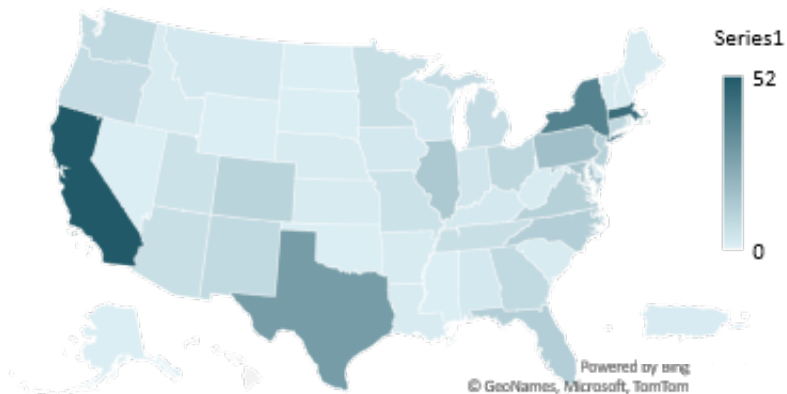


Awarded BRAIN Initiative U.S. Performance Sites

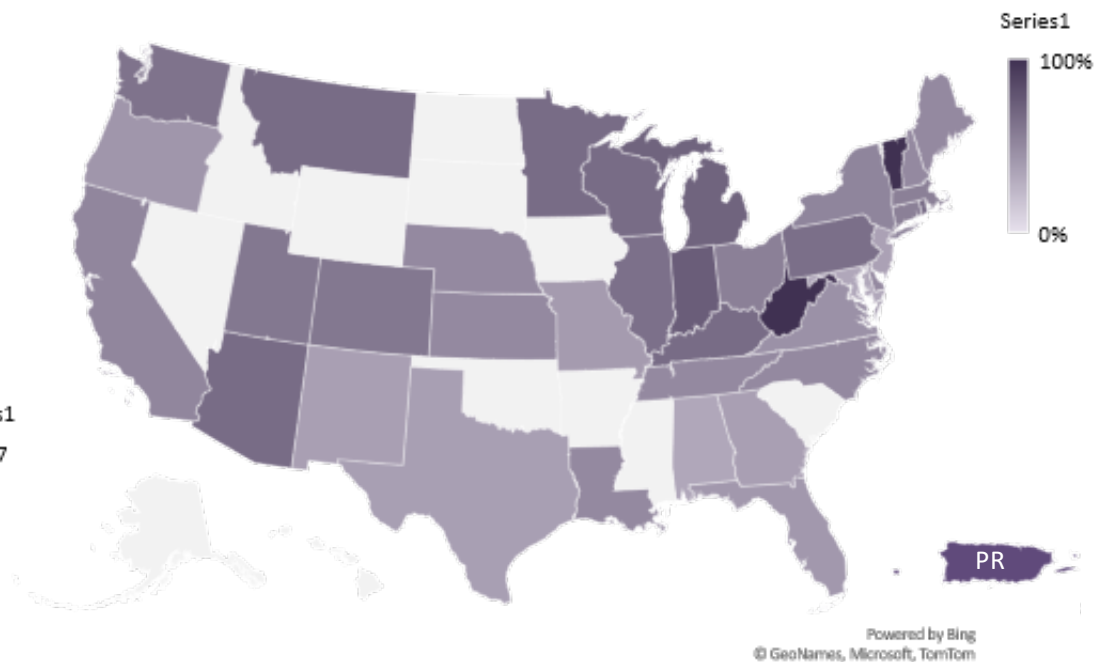


U.S. BRAIN Initiative Institutions

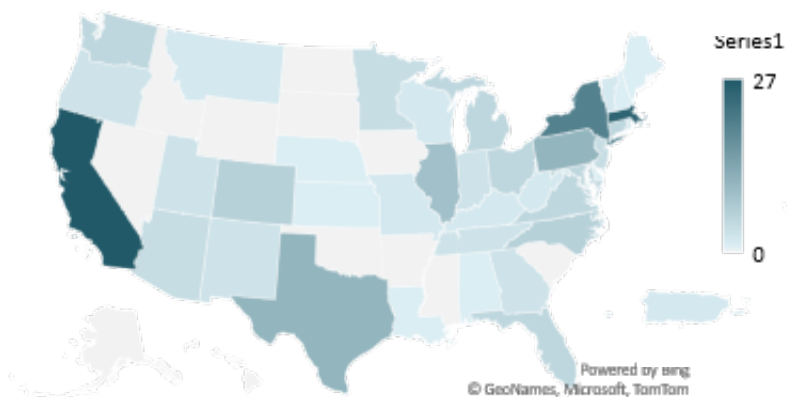
Applicant Institutions



Institutional Funding Rates by State



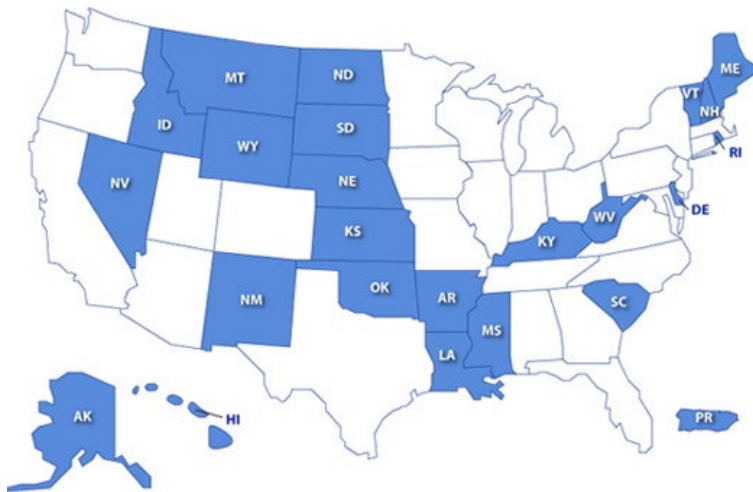
Awardee Institutions



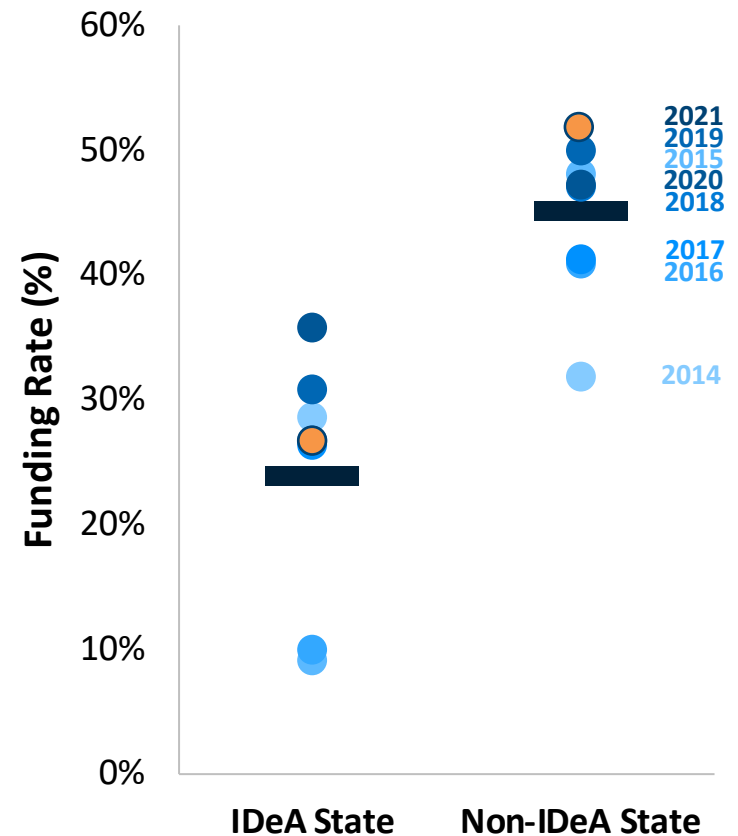
BRAIN Initiative Institutions in U.S. IDeA States

IDeA States

- States and territories that have historically received low levels of support from NIH



Funding Rates



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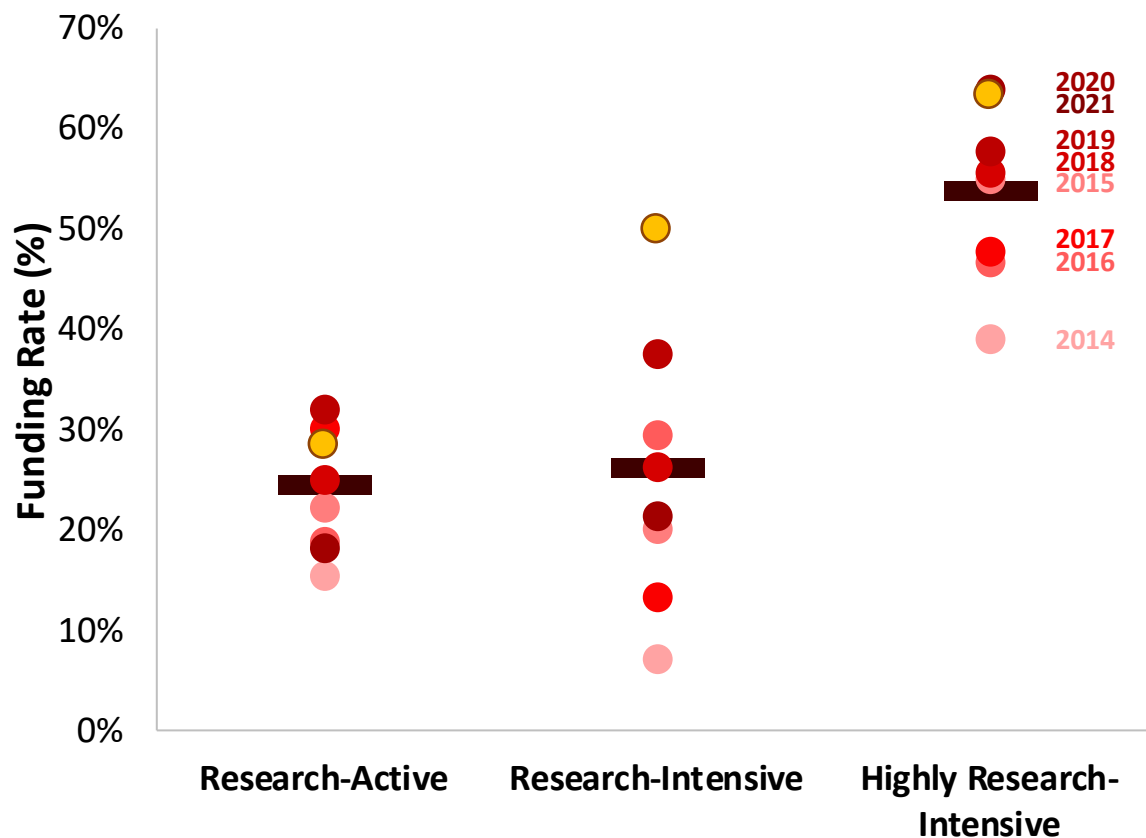
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NIH Support of BRAIN Applicant Institutions

Funding Rates by Institutional NIH Funding



Research-Active

- < \$7.5M/y NIH RPG funding

Research-Intensive

- \$7.5-20M/y NIH RPG funding

Highly Research-Intensive

- > \$20M/y NIH RPG funding

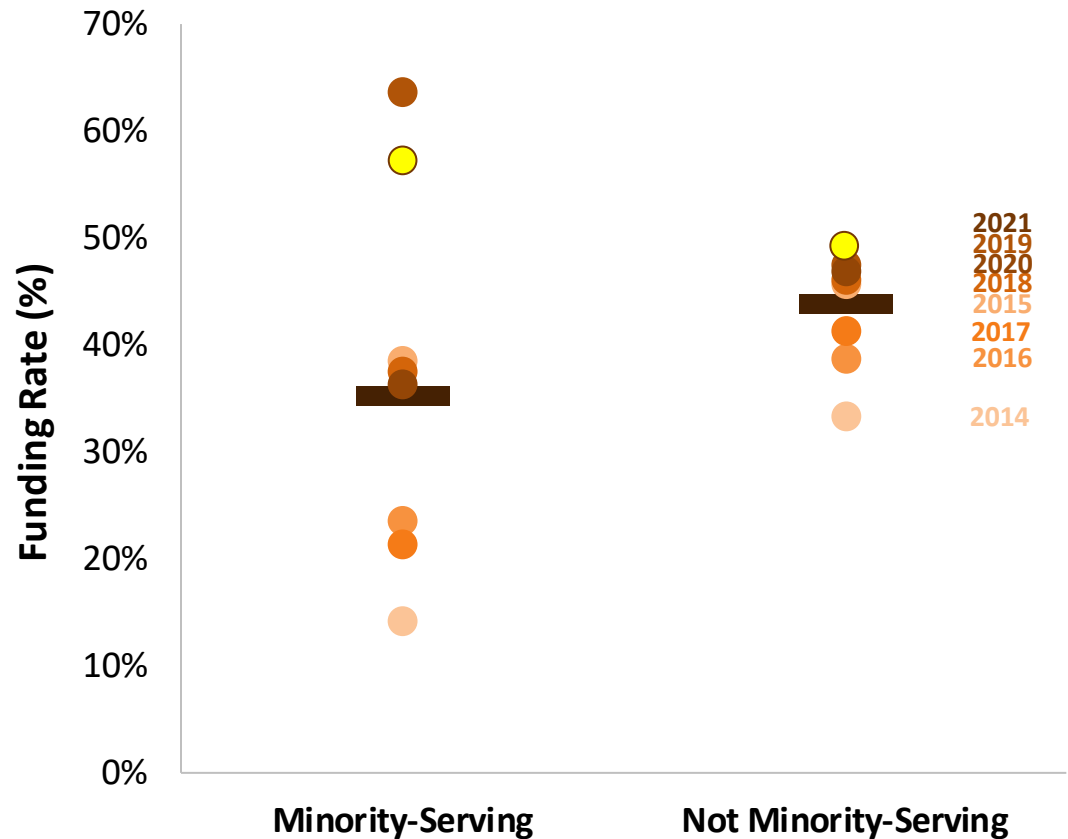


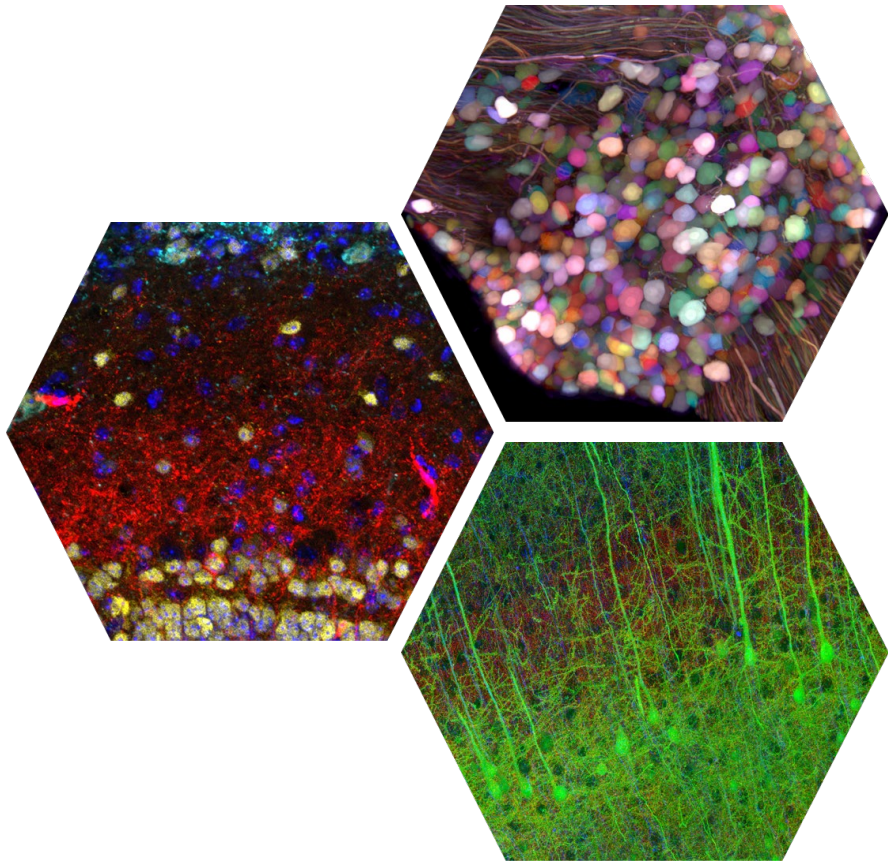
Minority Designation of BRAIN Initiative Institutions

NIH-Designated Minority-Serving Institutions

- Predominantly Black Institutions
- Historically Black Colleges & Universities
- Tribal Colleges & Universities
- Hispanic Serving Institutions
- Asian American and Pacific Islander Serving Institutions
- American Indian and Alaska Native Serving Institutions

Funding Rates by NIH Minority Designation





NIH > The BRAIN Initiative®

**BRAIN Initiative
Human Research
Participant Enrollment
FY14-FY21**

Human Research Participant Enrollment: Number of Awards by Year

