National Institutes of Health
The BRAIN Initiative®

BRAIN Initiative Demographics FY14-FY23

Crystal L. Lantz, Ph.D.

Creating an Inclusive Research Community

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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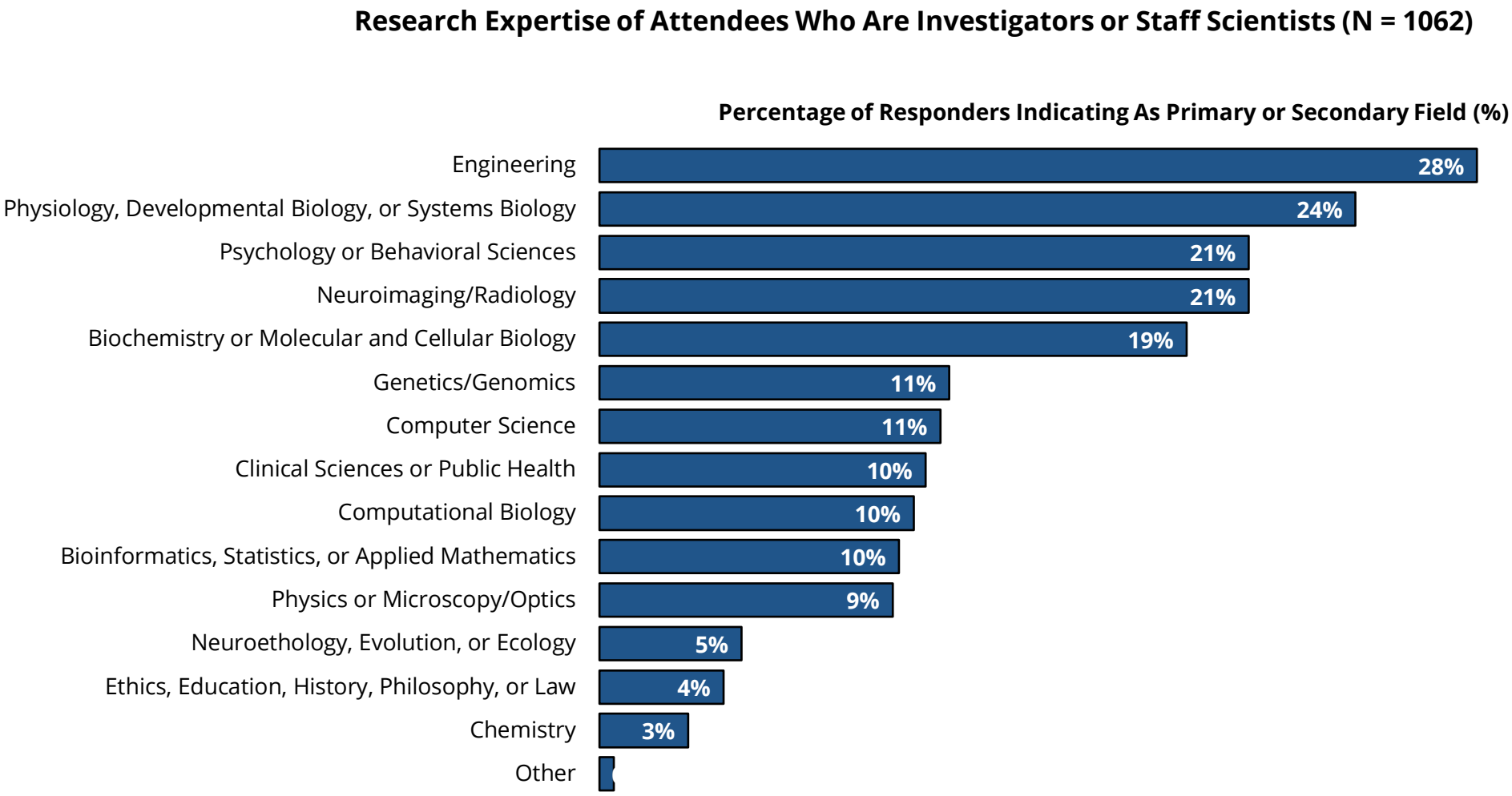
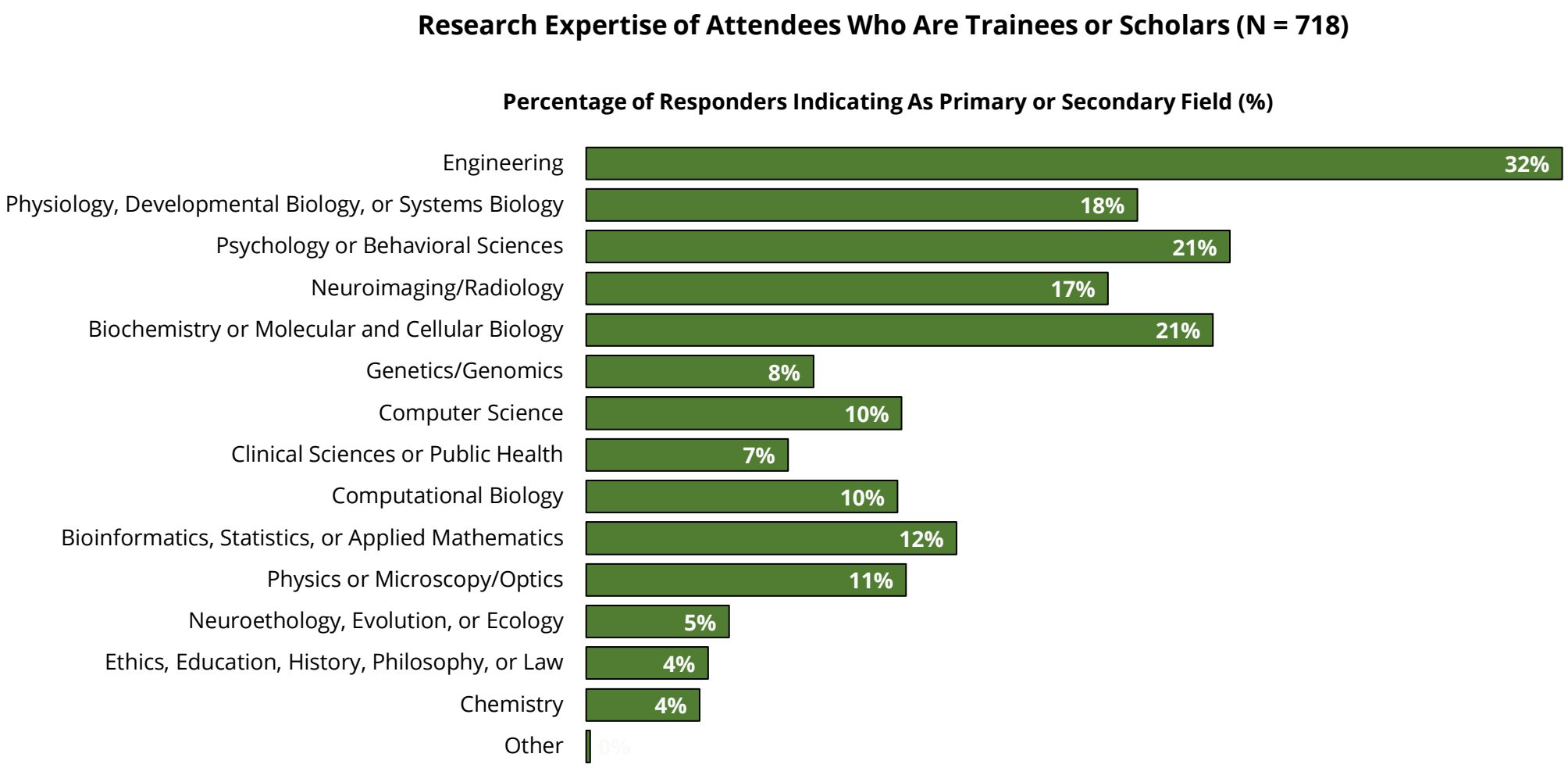
Transdisciplinary Expertise: Investigators or Scientists



Transdisciplinary Expertise: Trainees or Scholars



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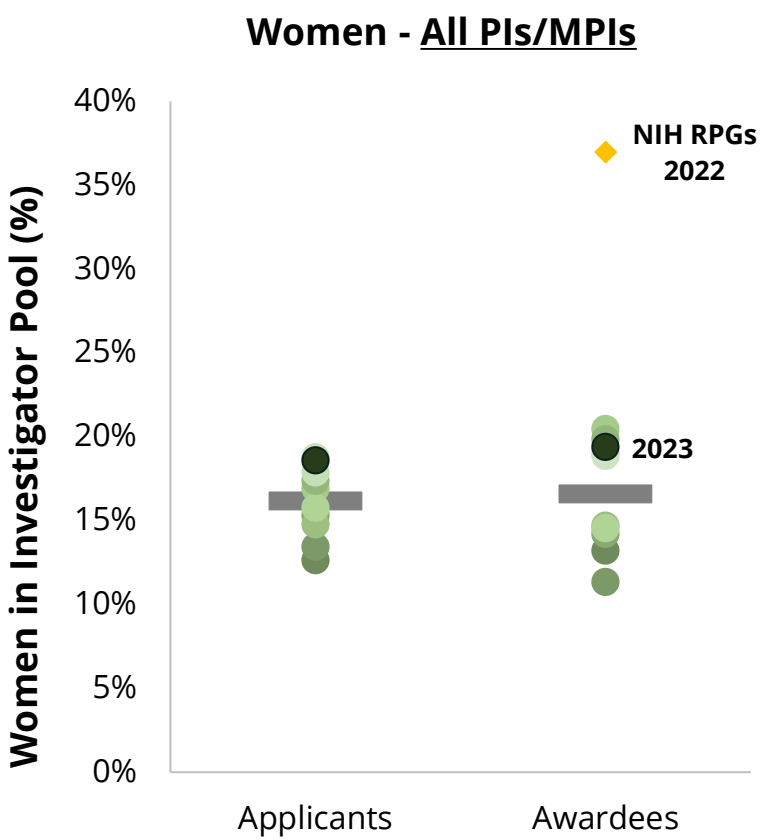
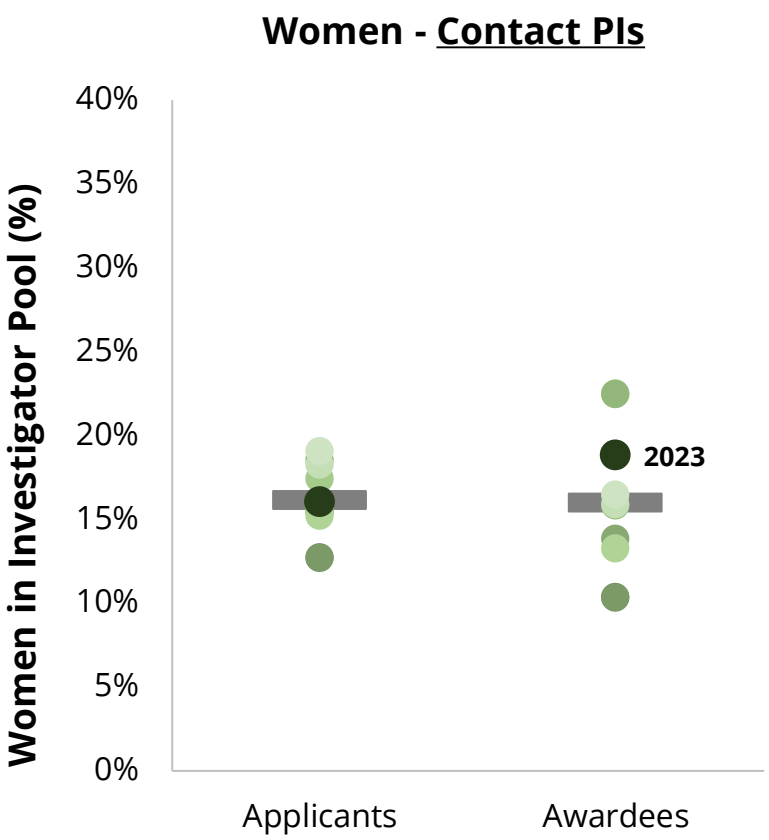
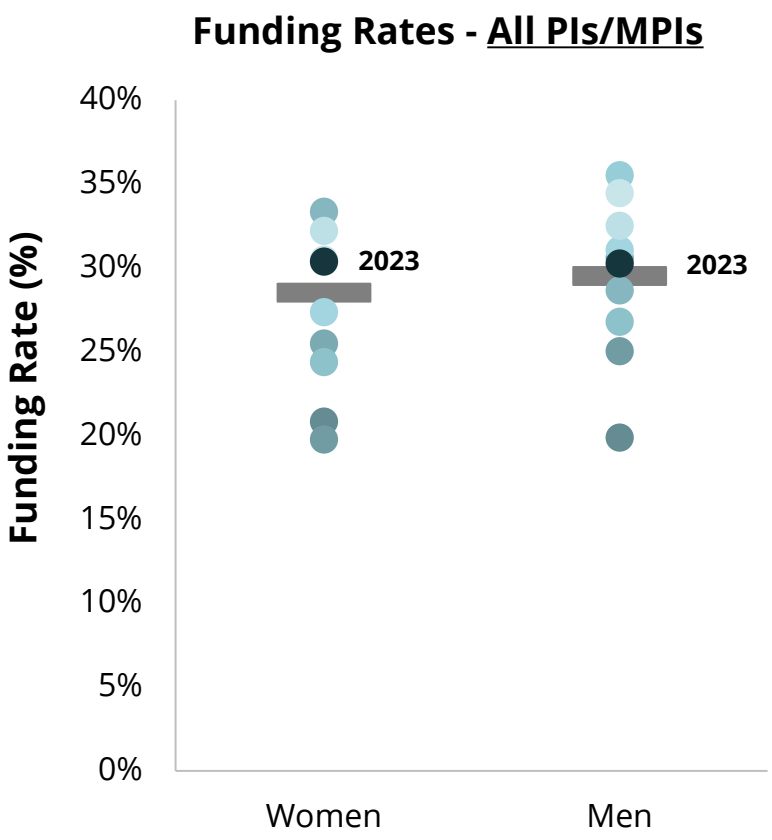
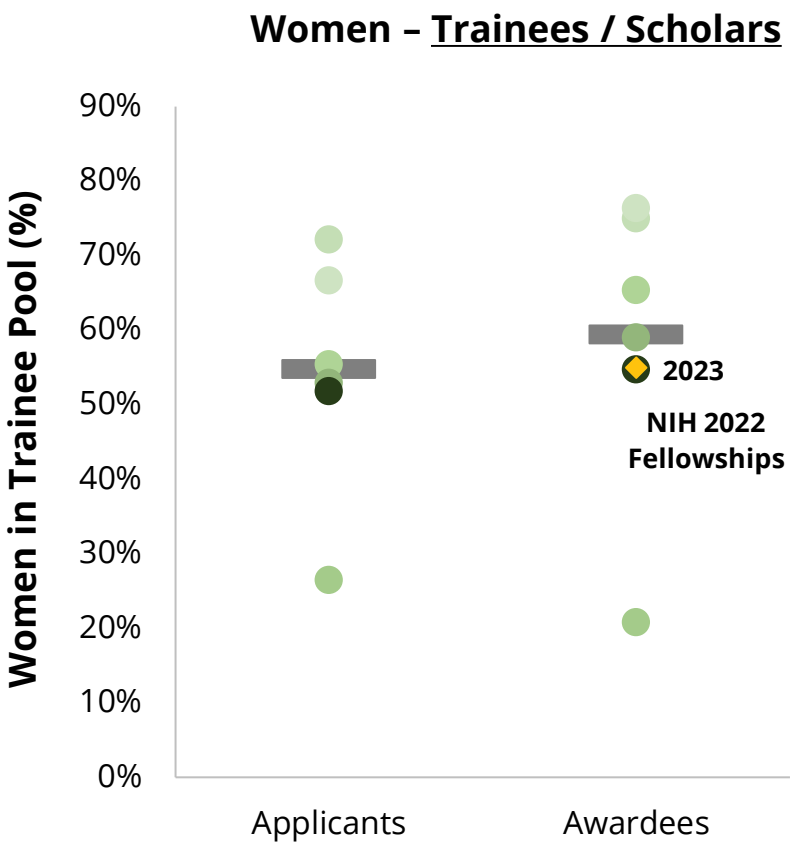
Sex of BRAIN Initiative Investigators

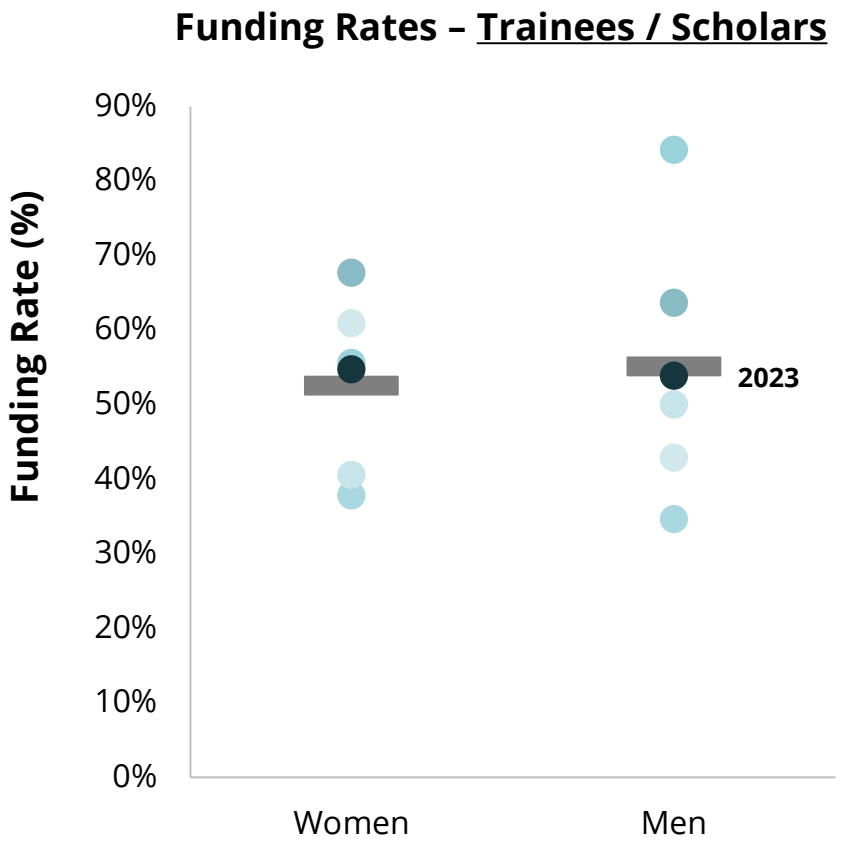




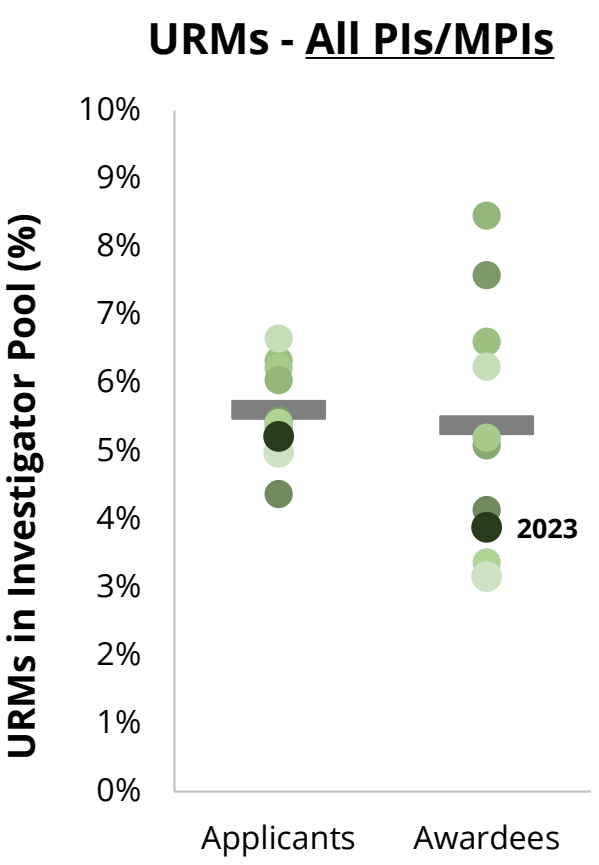


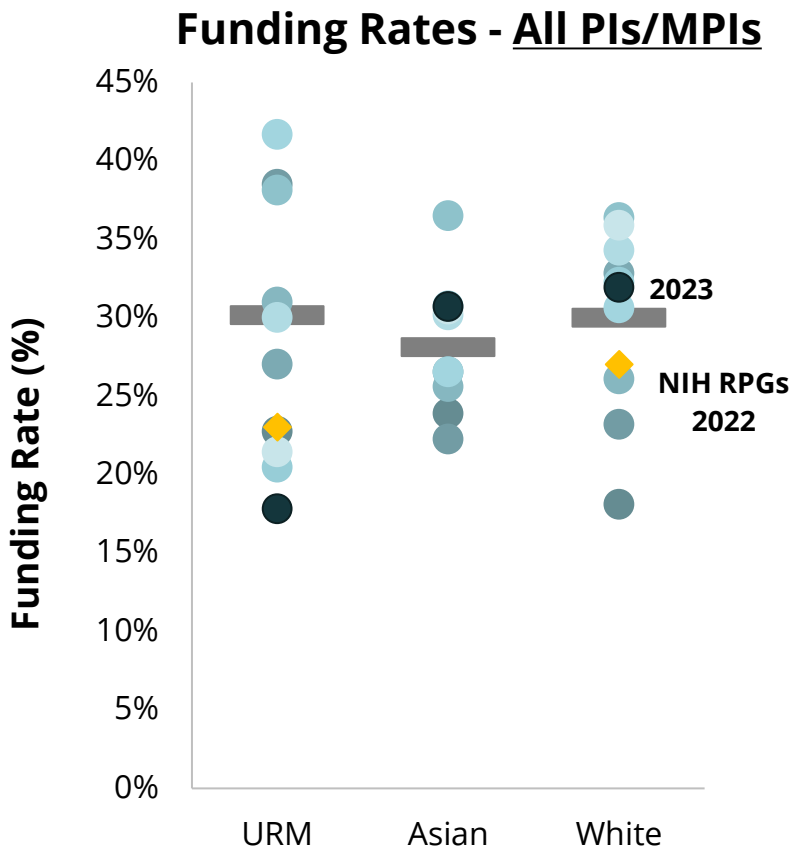
Sex of BRAIN Initiative Trainees / Scholars





Race/Ethnicity of BRAIN Initiative Investigators





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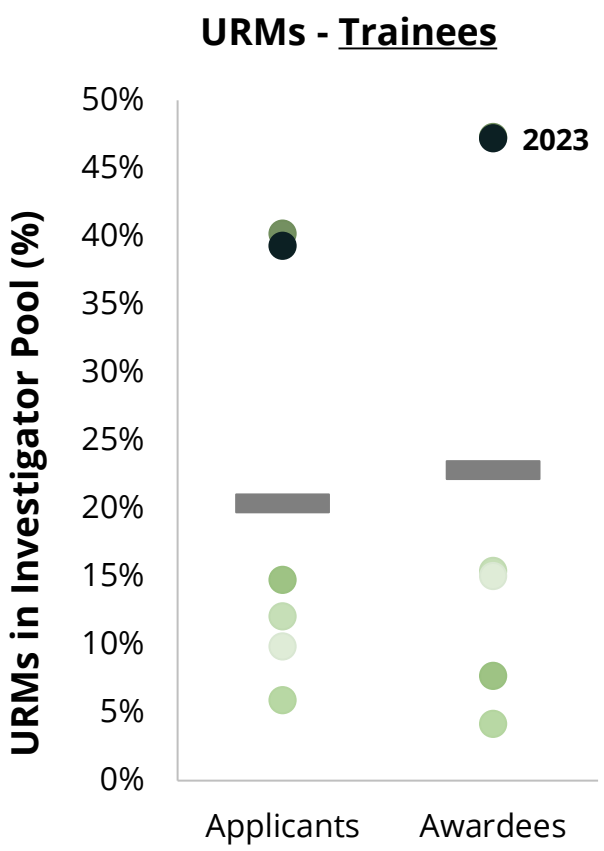
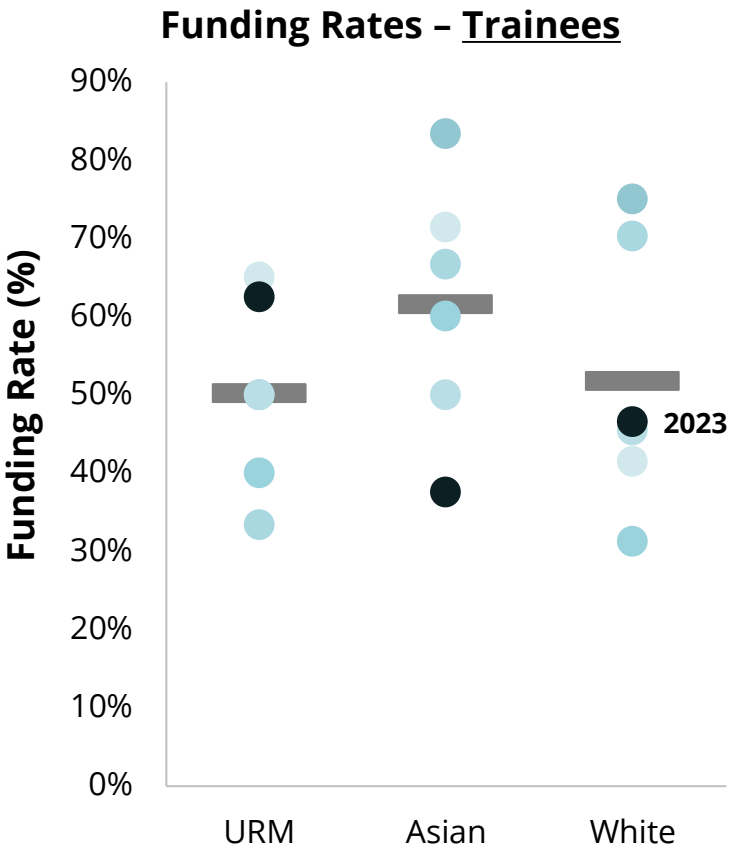
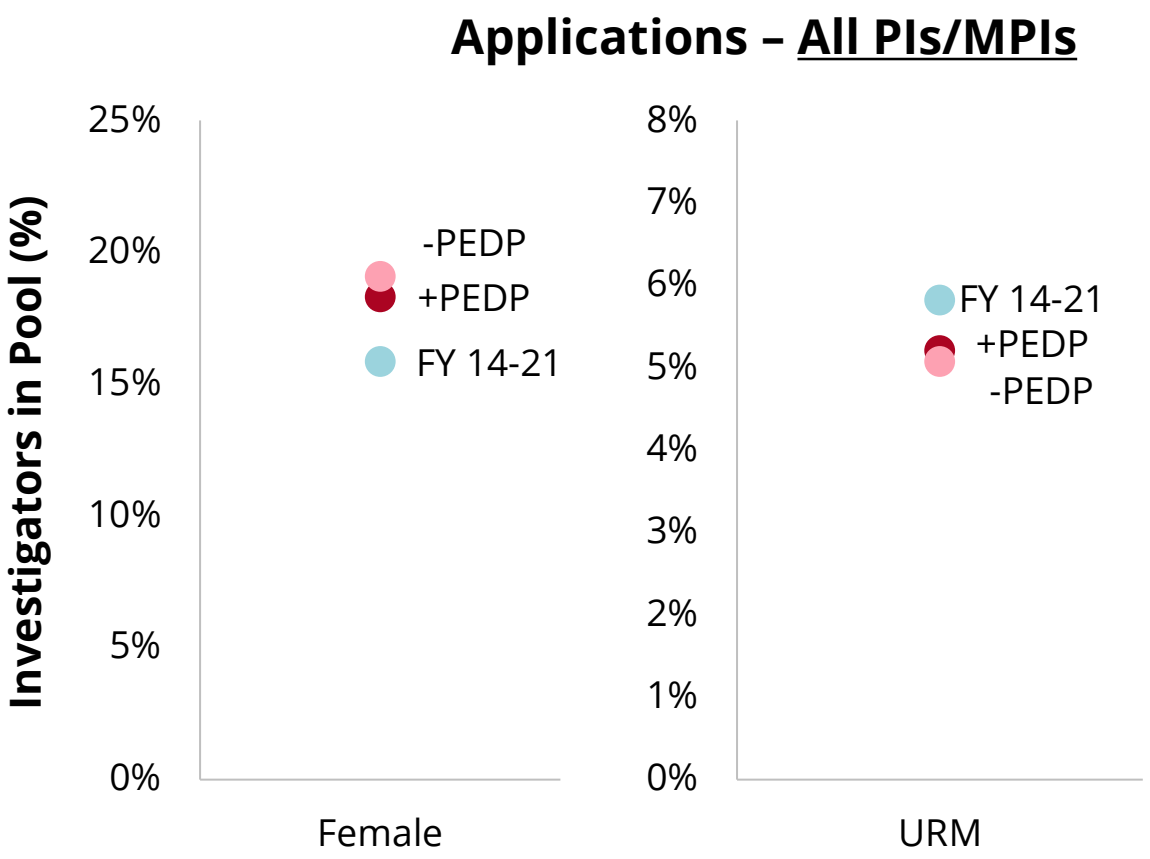
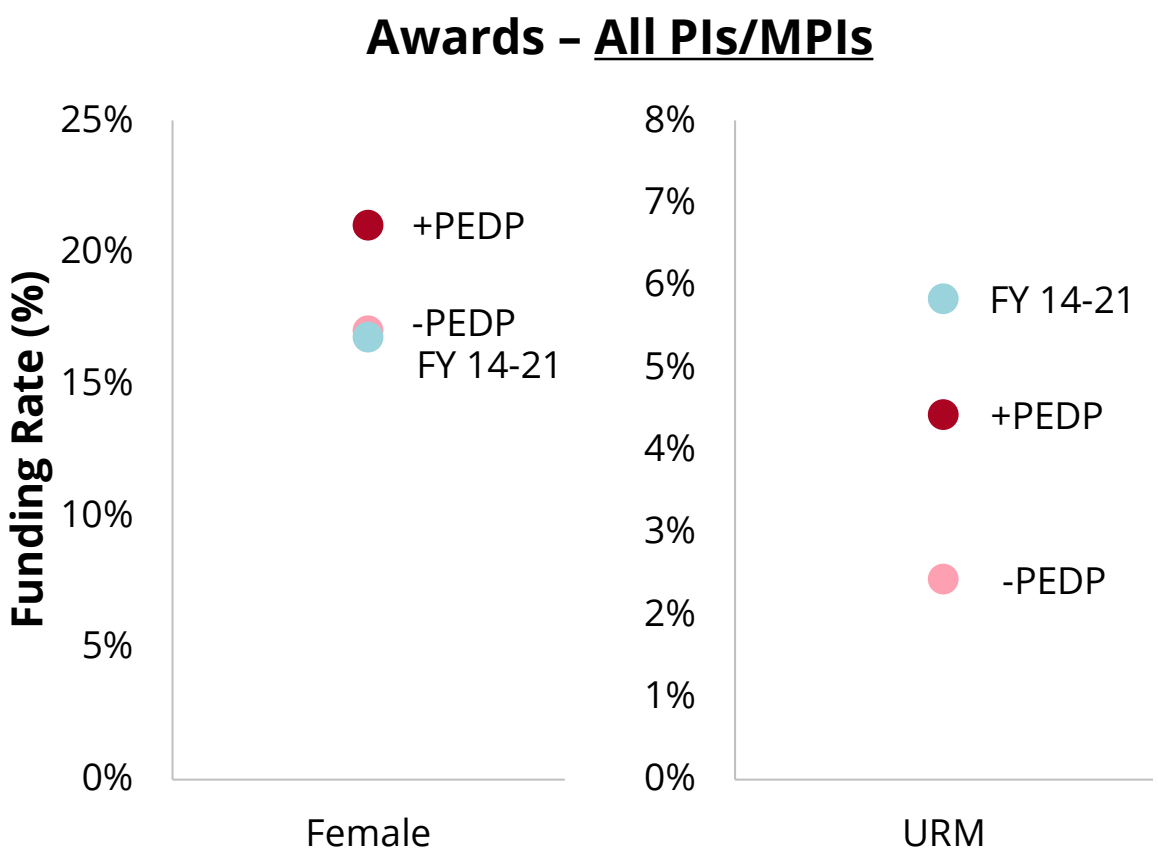




PEDP and Investigator Identity





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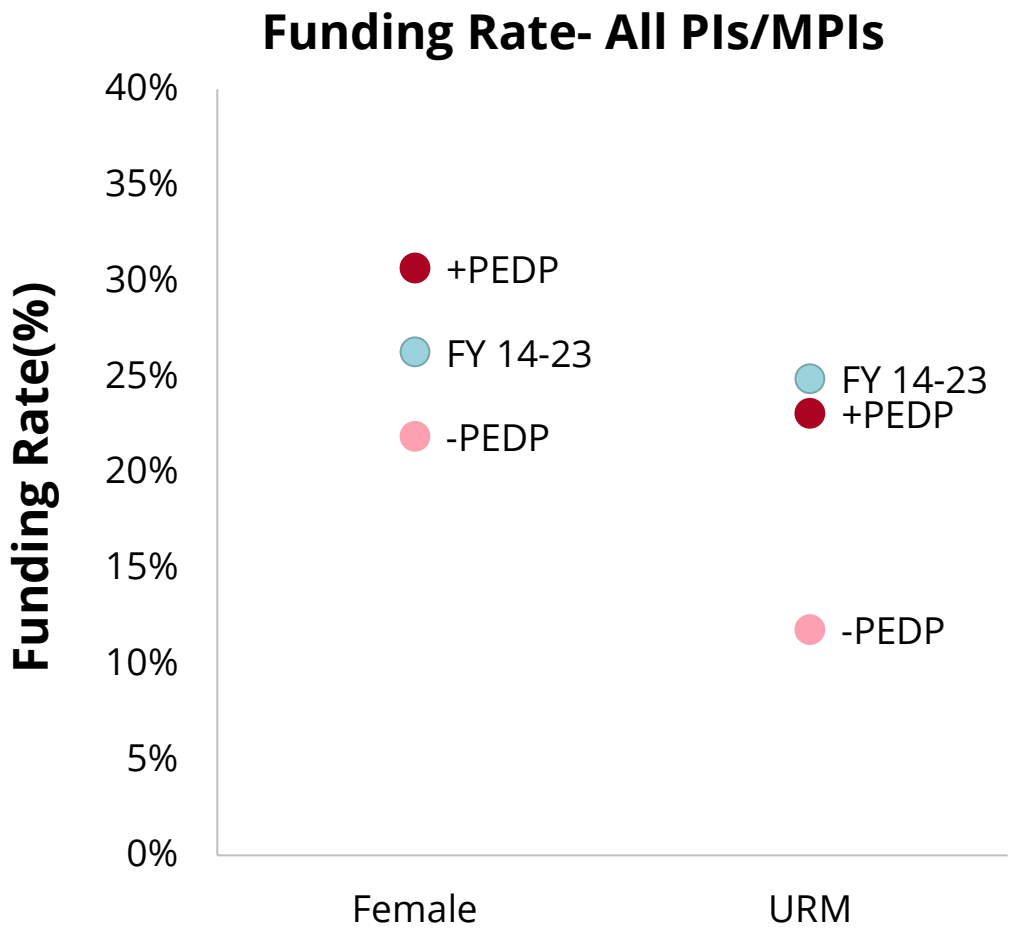

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Team Science

- Diversity among persons represented on multi-investigator project teams

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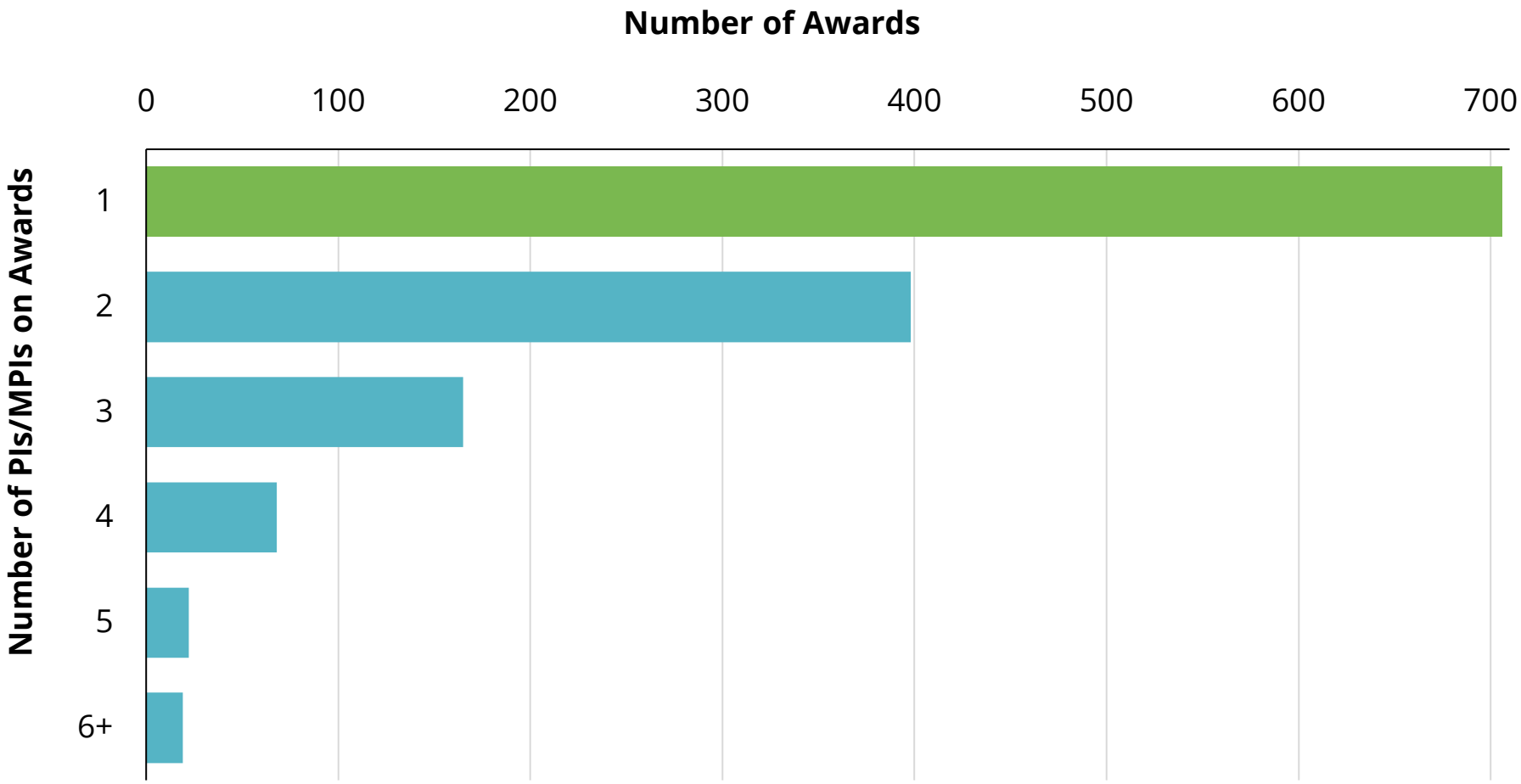
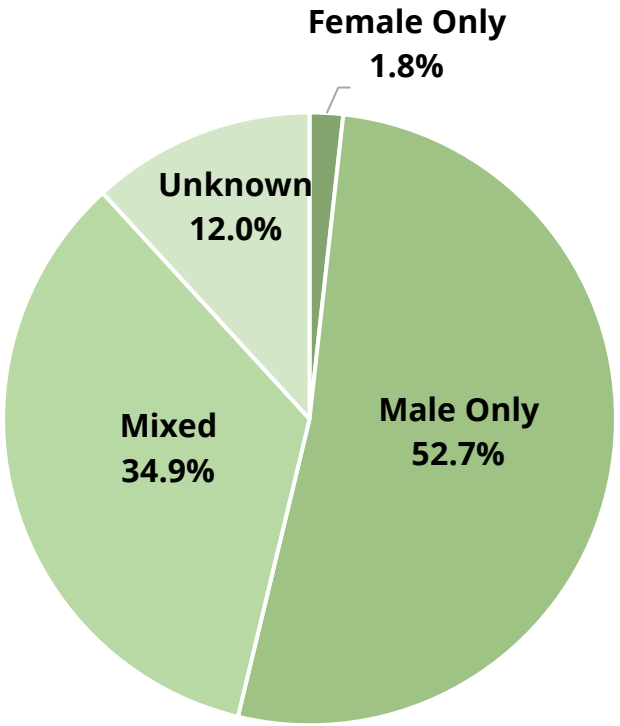
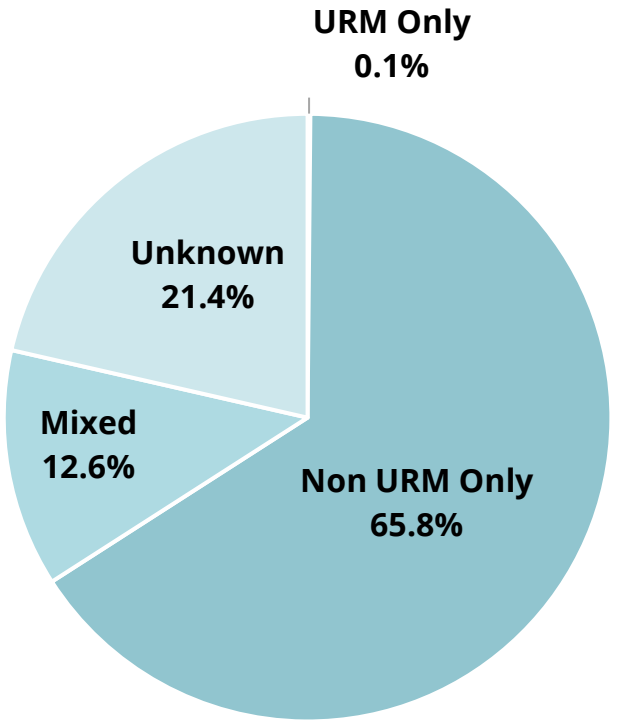
48% of All BRAIN Awards have Multiple PI

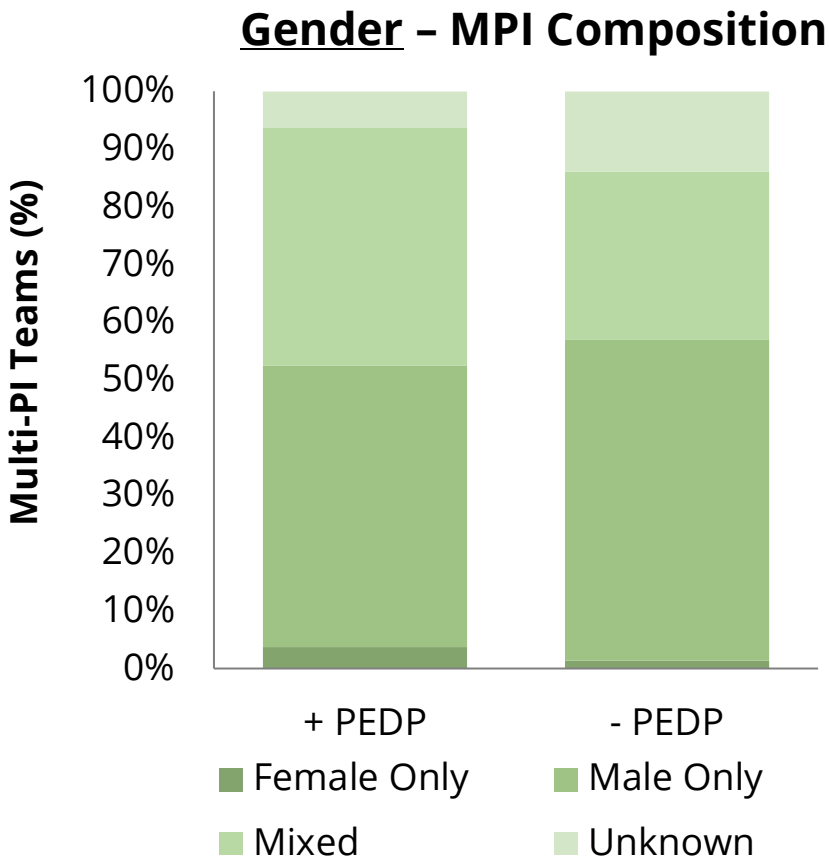


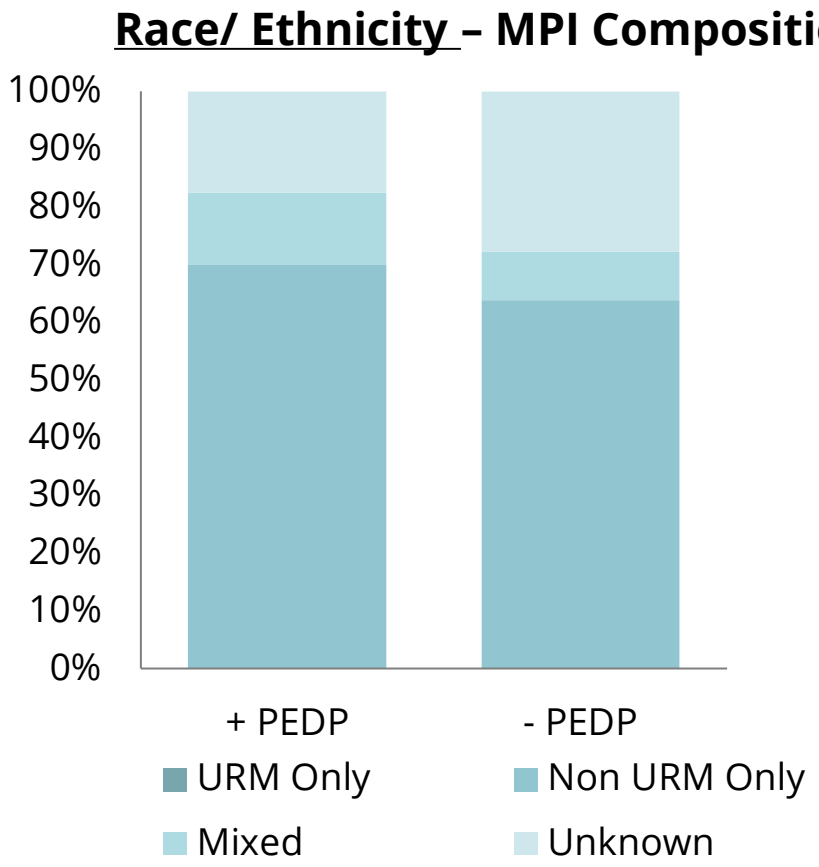
Most Multi-PI Teams are Male and Non-URM





More Mixed Multi-PI Teams with PEDPs





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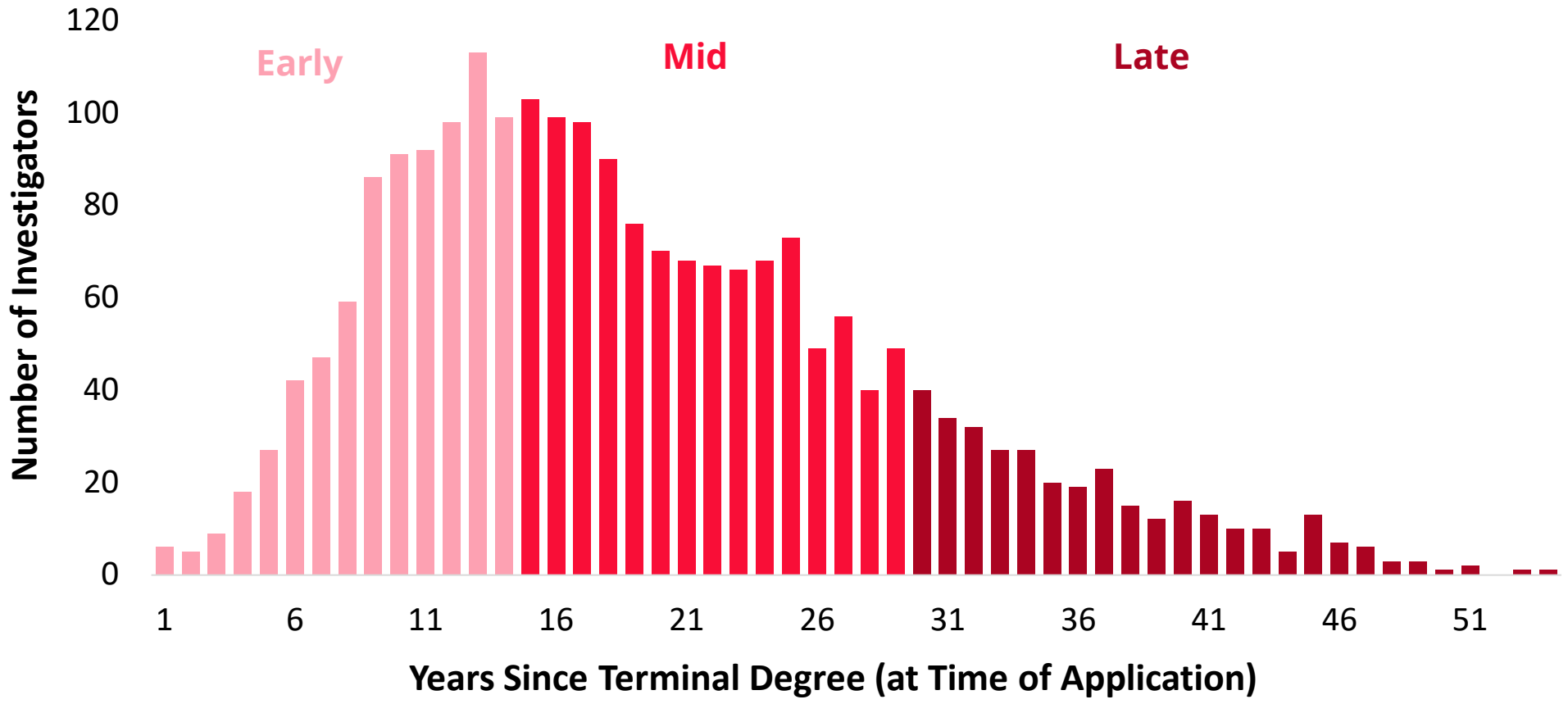
Career Stage of BRAIN Investigators



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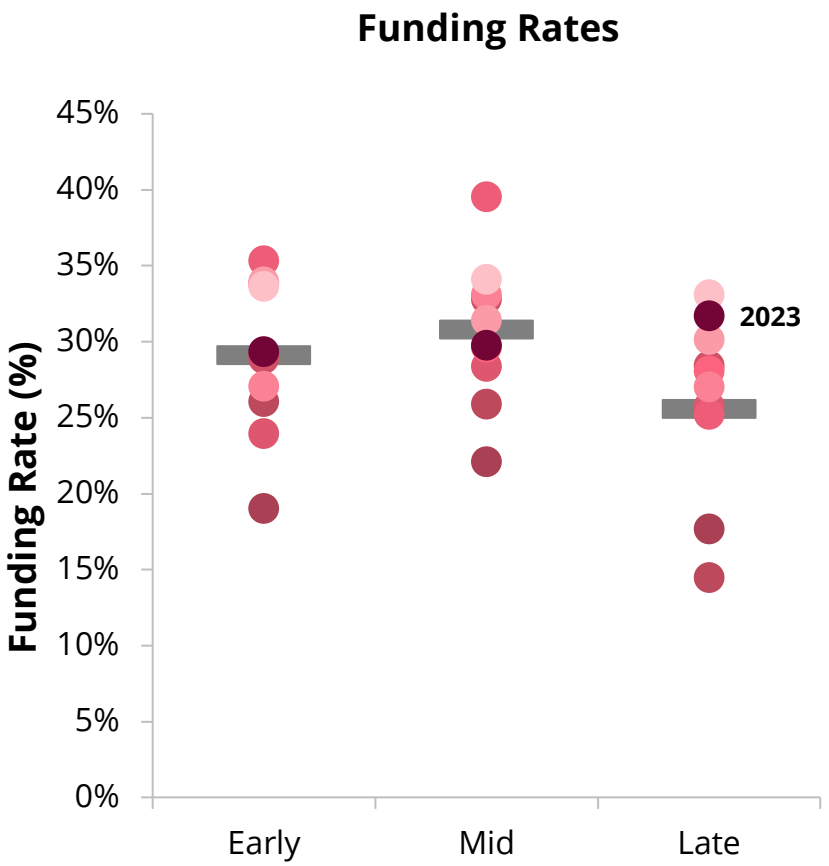

Early Career
- 0-14 years since terminal degree

Mid Career
- 15-29 years since terminal degree

Late Career
- 30+ years since terminal degree

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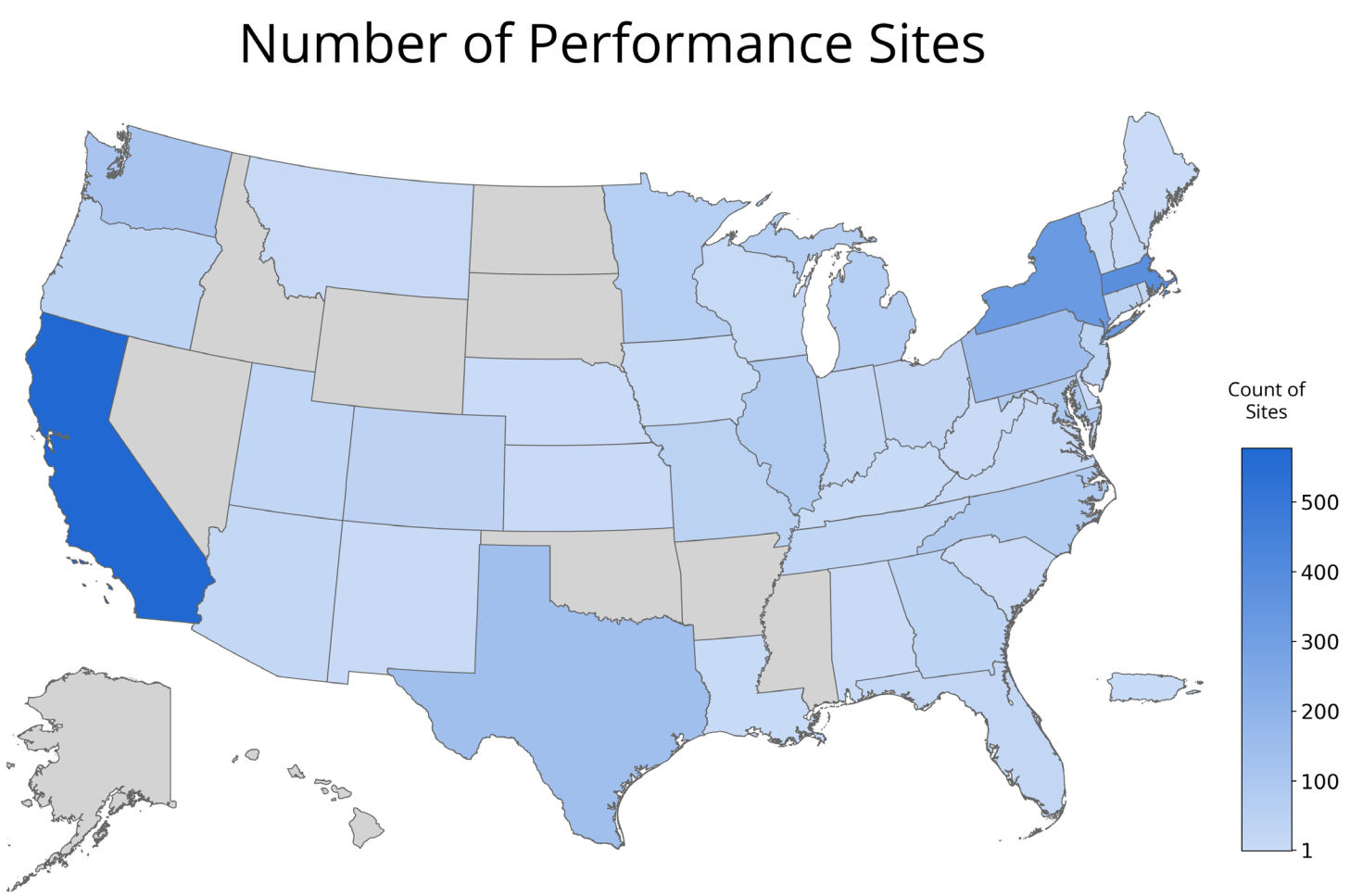
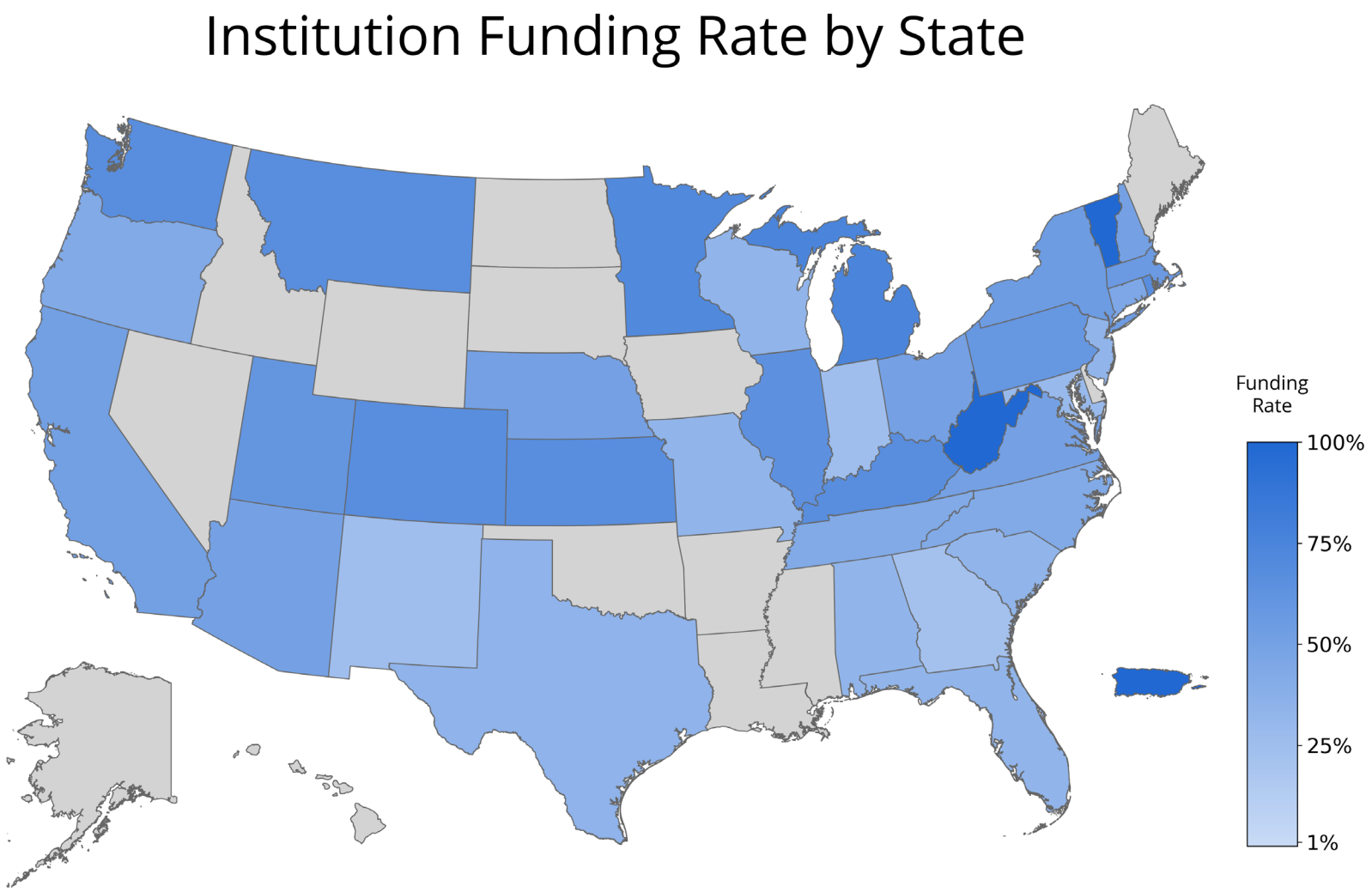
Awarded BRAIN Initiative U.S. Performance Sites



U.S. BRAIN Initiative Institutional Funding Rates by State



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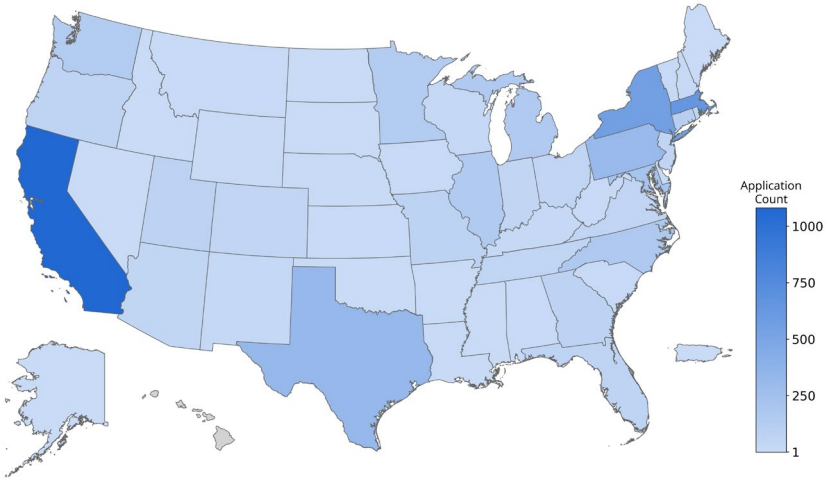
The BRAIN Initiative®

U.S. BRAIN Initiative Award Rates by State

Applications by State



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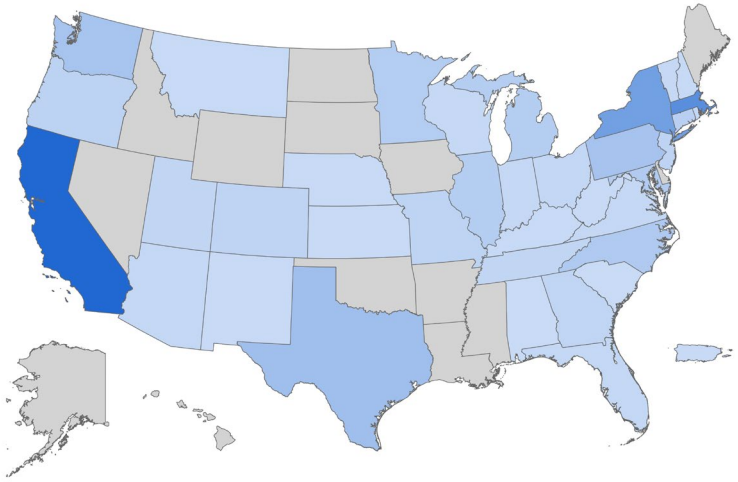

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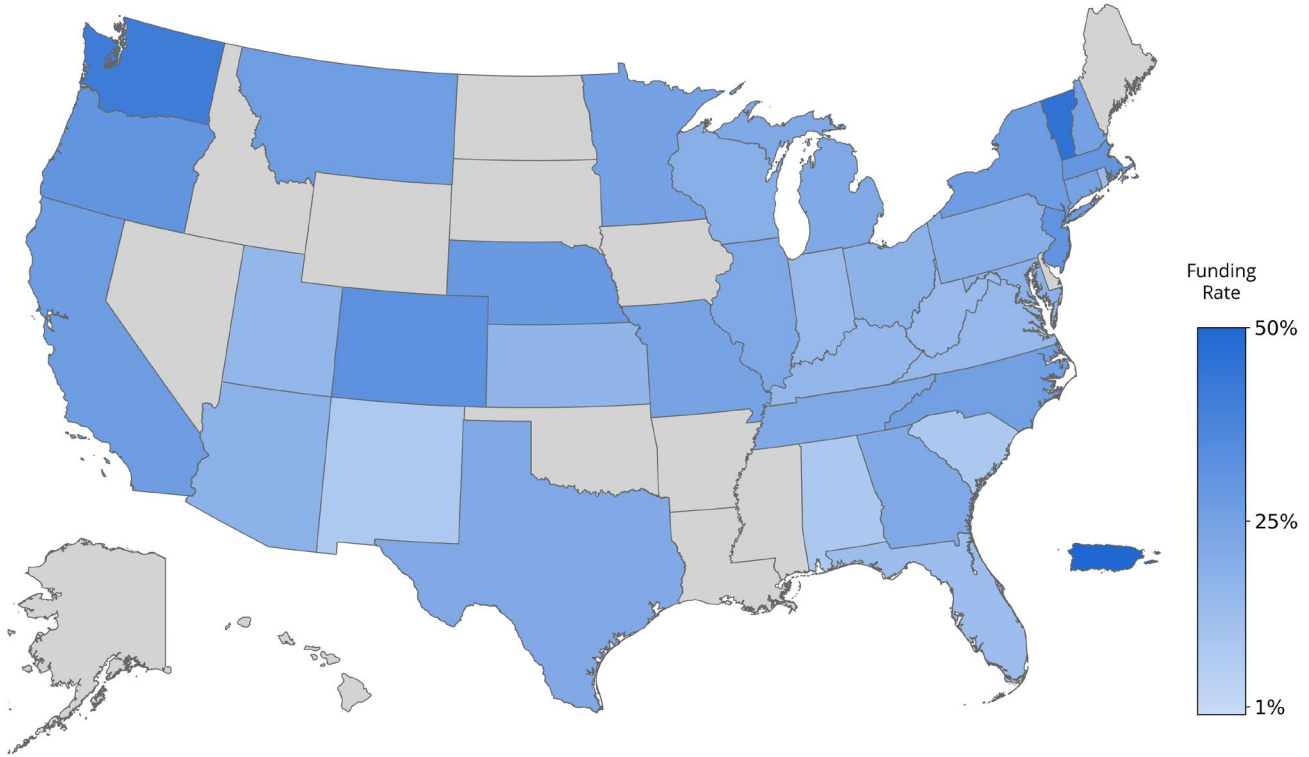
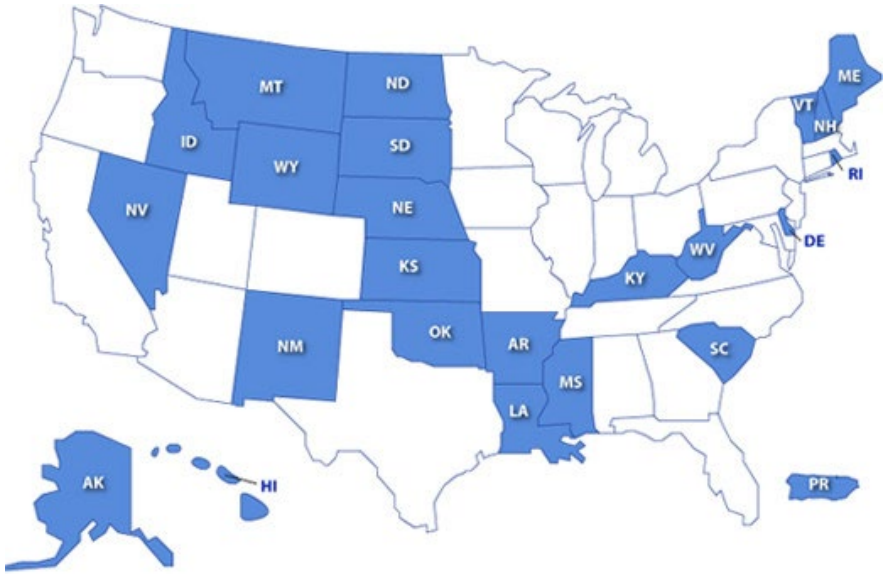
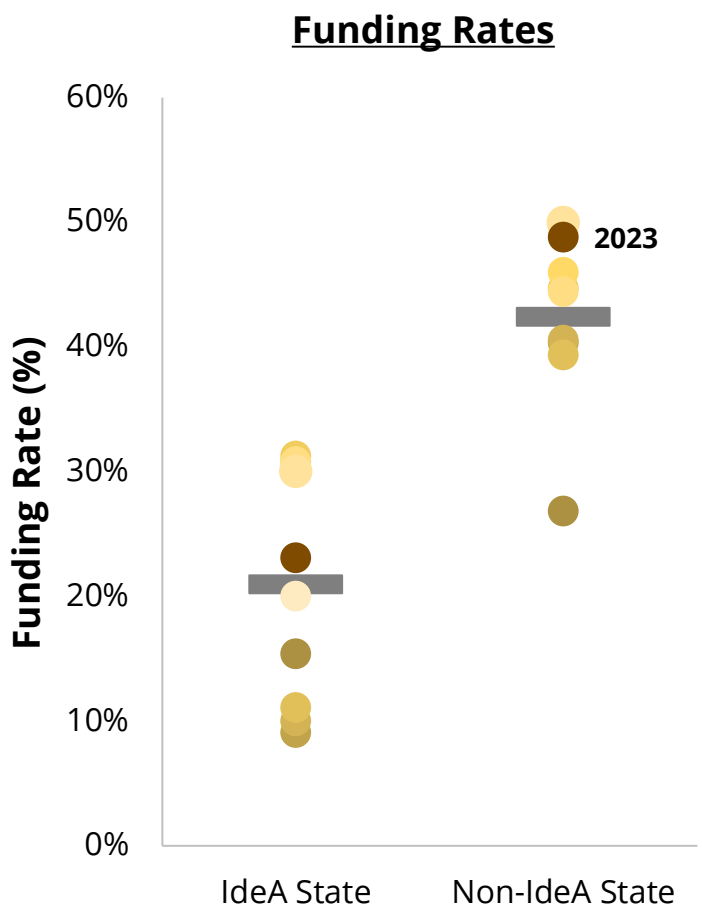


BRAIN Initiative Institutions in U.S. IDeA States

IDeA States

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





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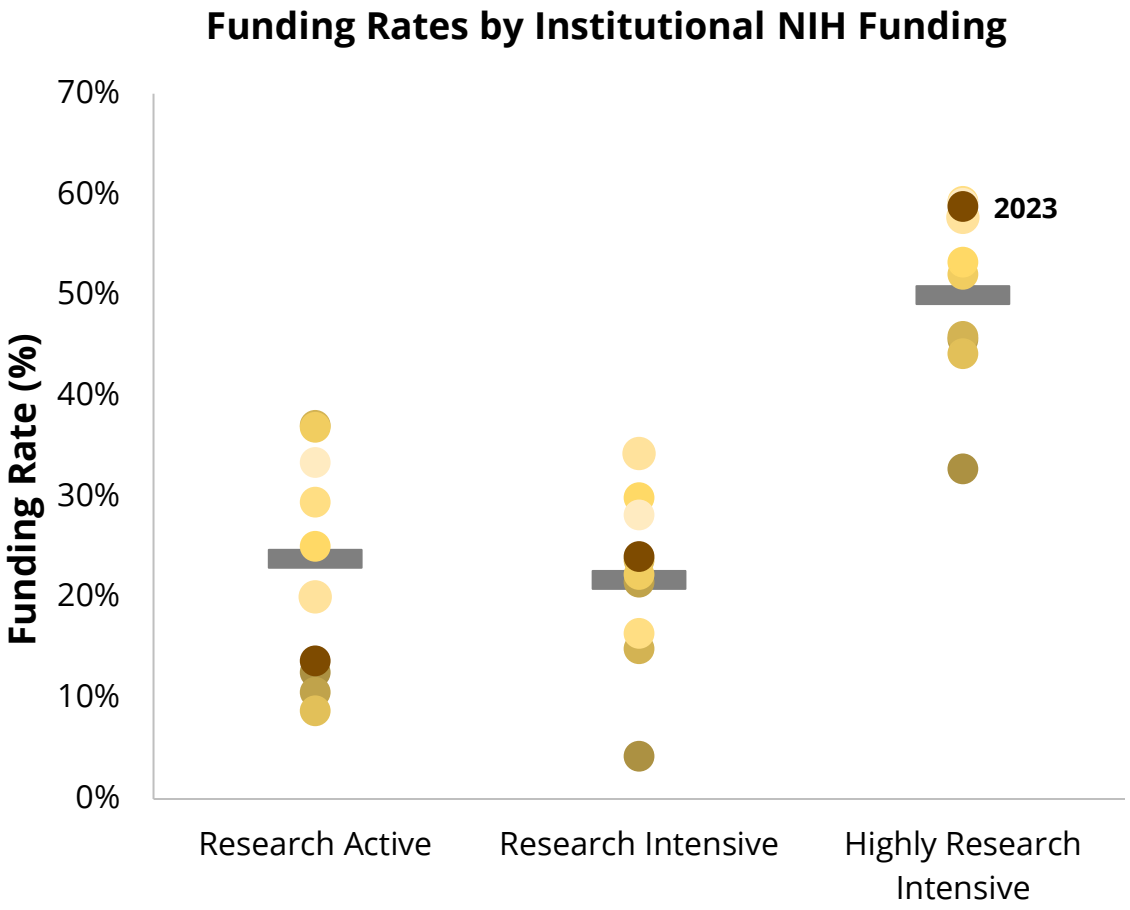
NIH Support of BRAIN Applicant Institutions



Research-Active
- < $7.5M/y NIH RPG funding

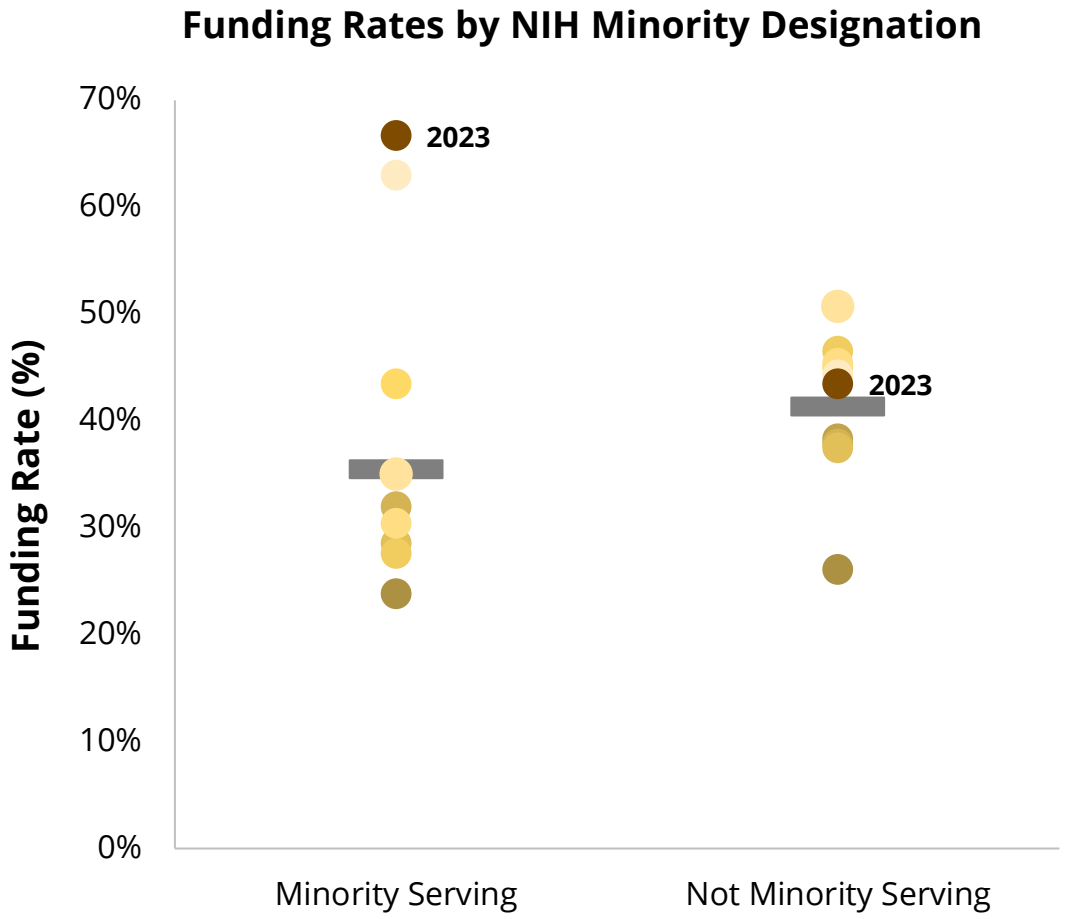
Research-Intensive
- $7.5-20M/y NIH RPG funding

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



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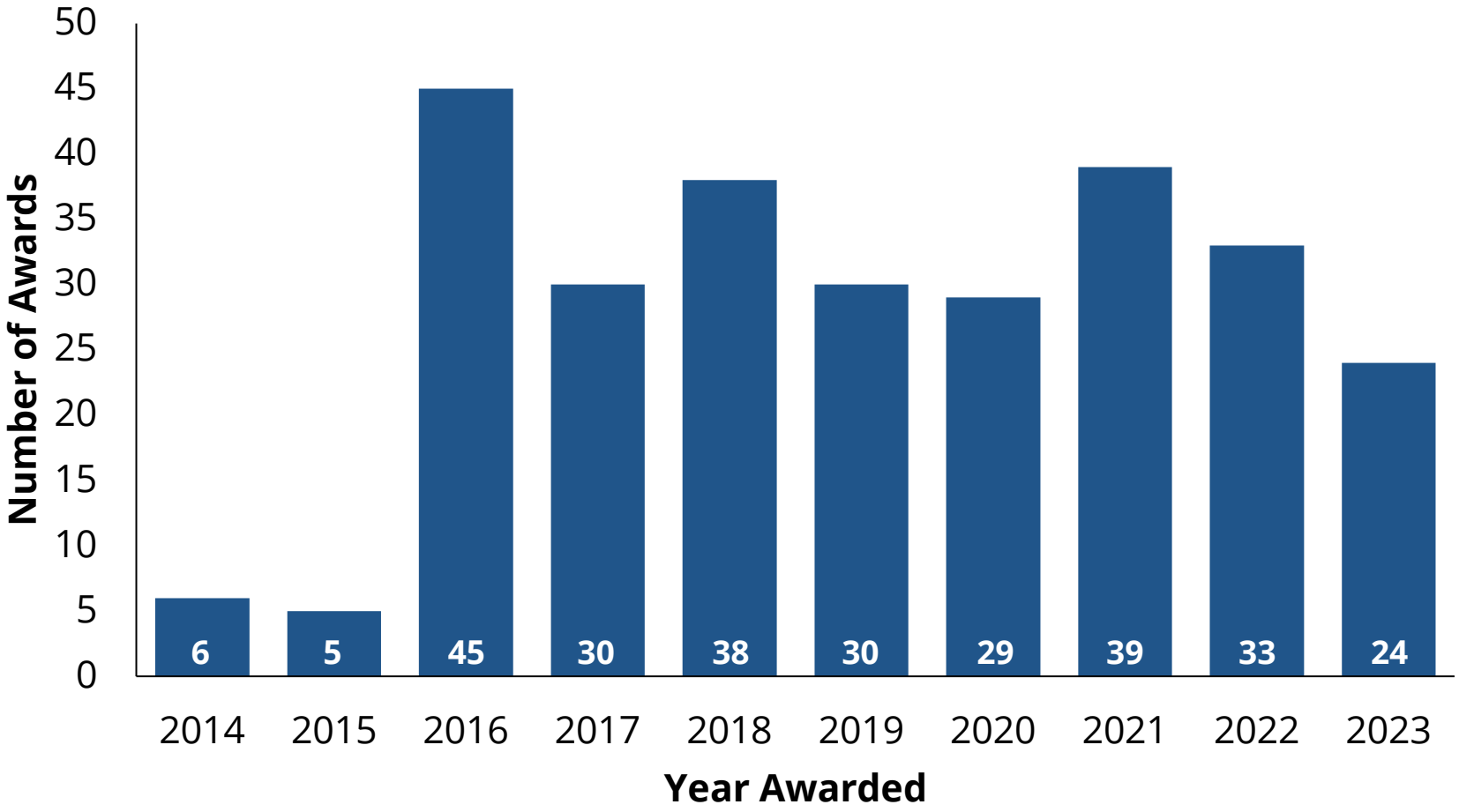
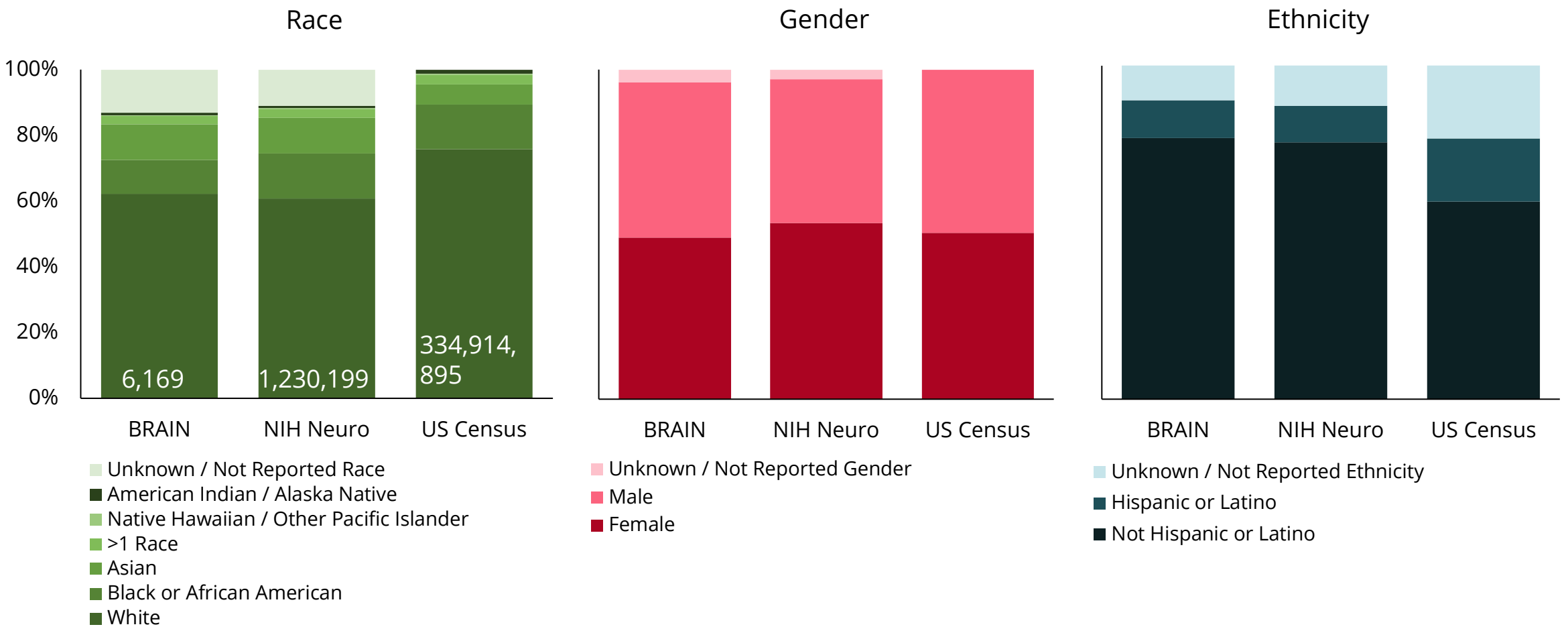
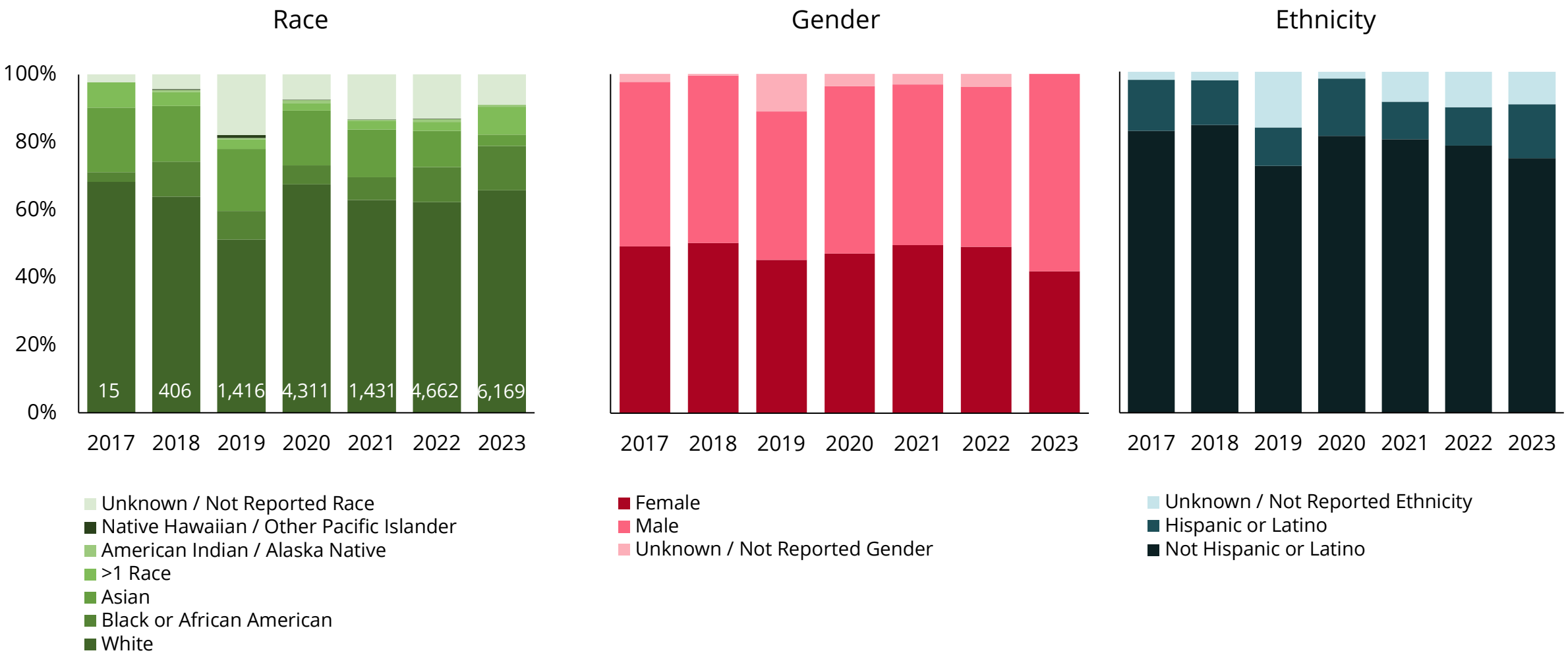
Awards with Human Research Participants



Human Research Participant Enrollment, FY 2023



BRAIN Initiative Human Research Participant Enrollment by Year