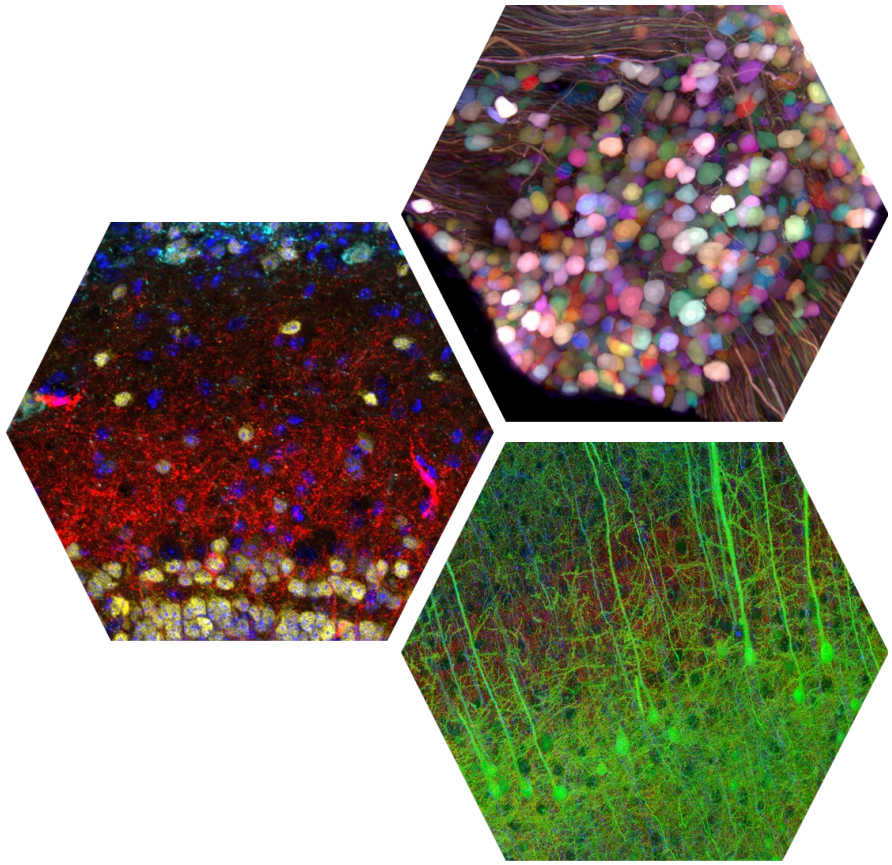
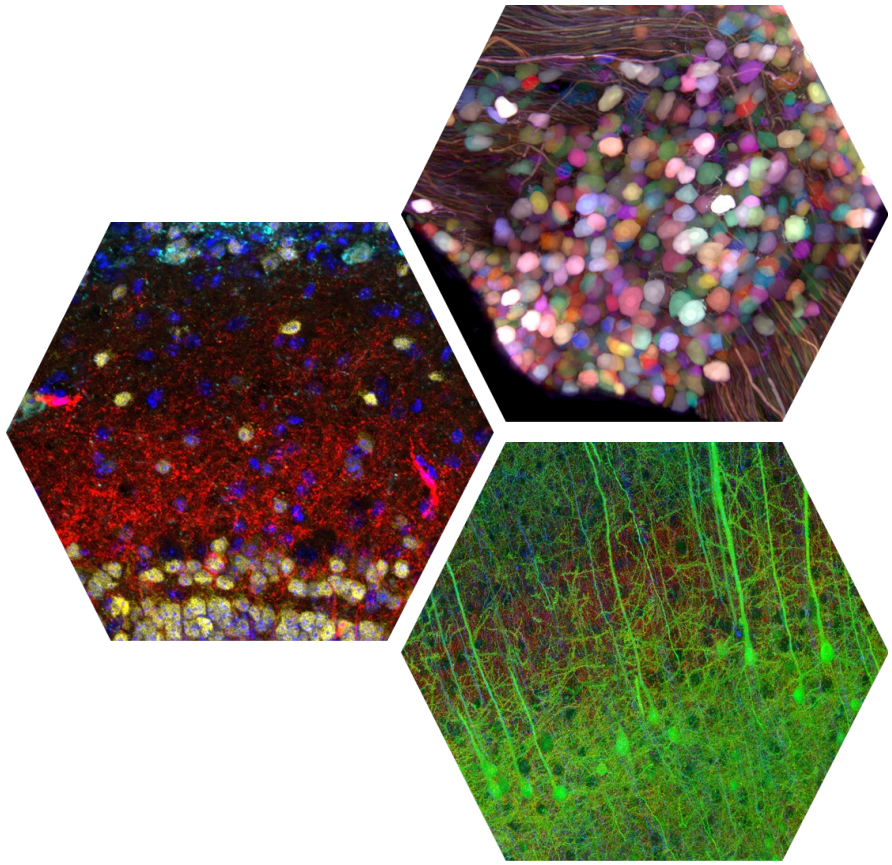


NIH The BRAIN Initiative®

BRAIN Initiative Demographics FY14-FY21

Devon C. Crawford, Ph.D.
Crystal L. Lantz, Ph.D.
Ryan R. Richardson, Ph.D.



NIH The BRAIN Initiative®

BRAIN Initiative Investigator Demographics FY14-FY21

Creating an Inclusive Research Community

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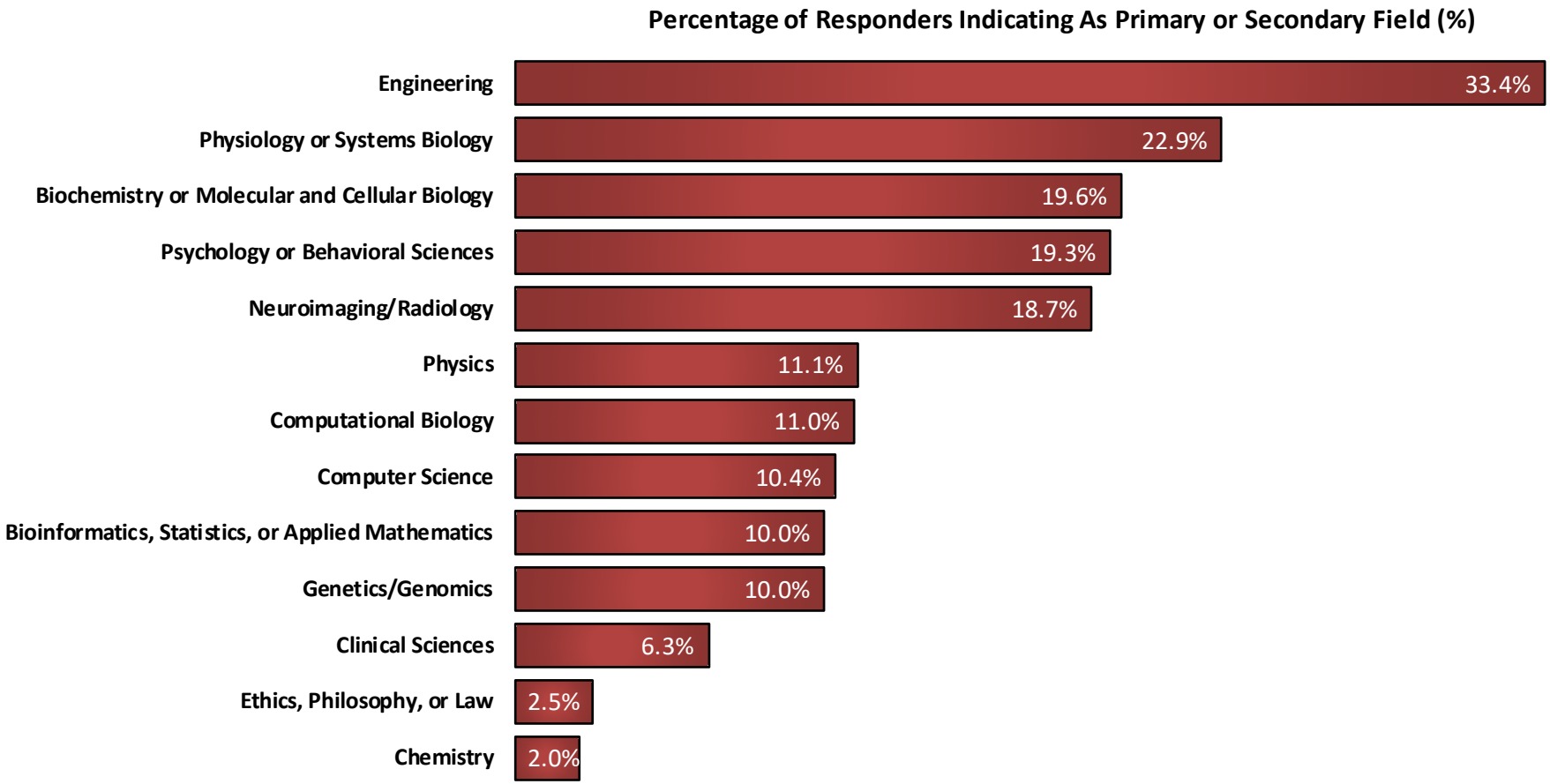
Transdisciplinary Expertise

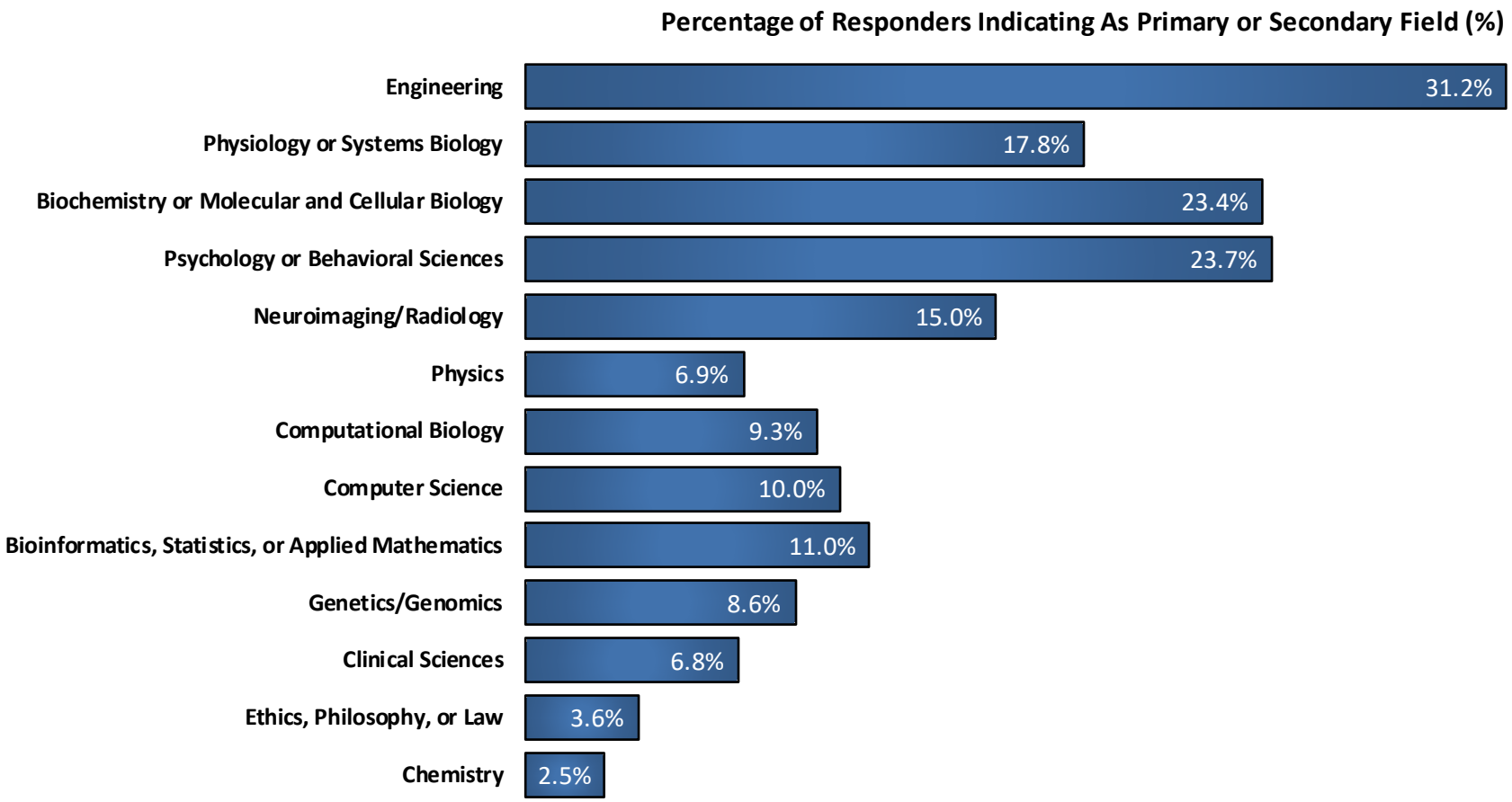
Research Expertise of BRAIN-Funded Scientists



N = 830 Respondents to 2021 BRAIN Initiative Investigators Meeting Registration

Transdisciplinary Expertise

Research Expertise of Trainees



N = 721 Respondents to 2021 BRAIN Initiative Investigators Meeting Registration

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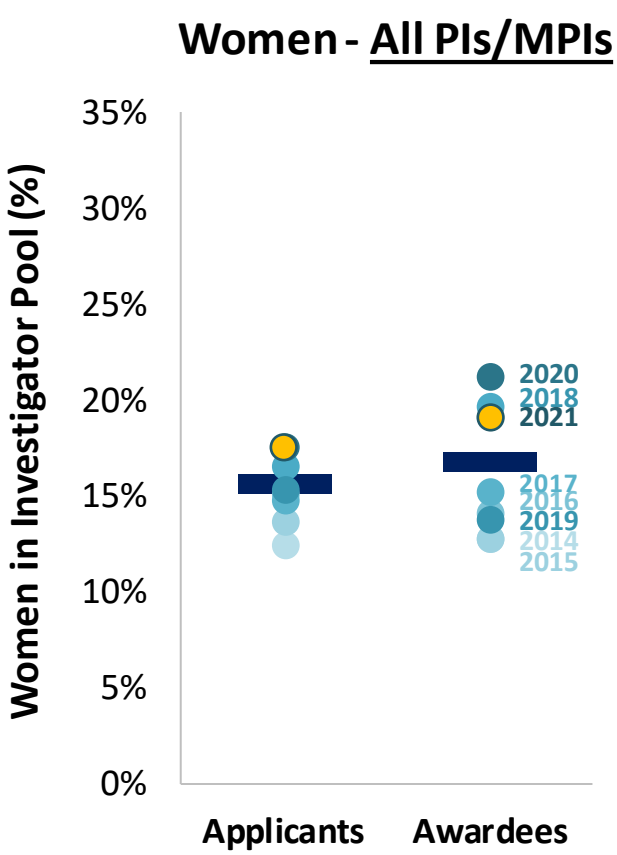
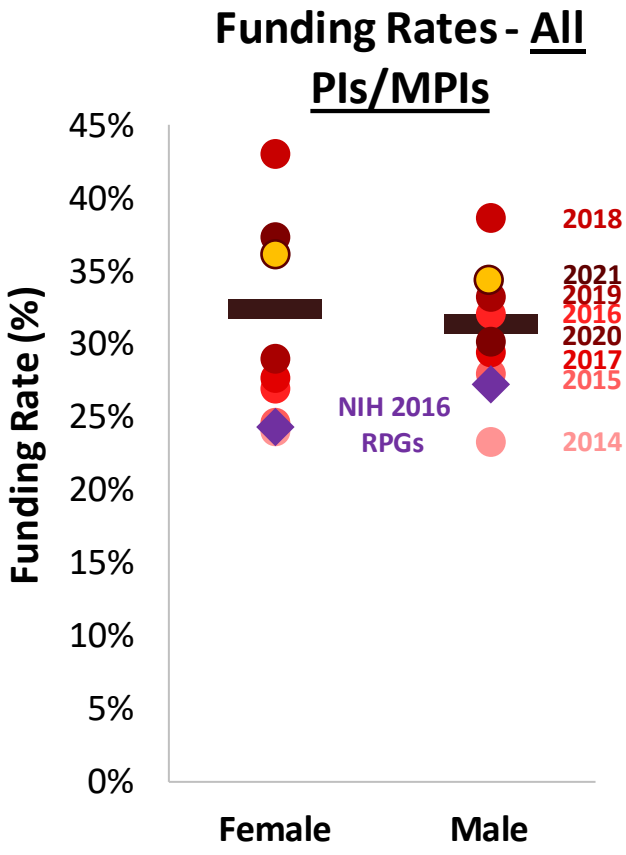
Individuals from Diverse Backgrounds

Gender of BRAIN Initiative Investigators

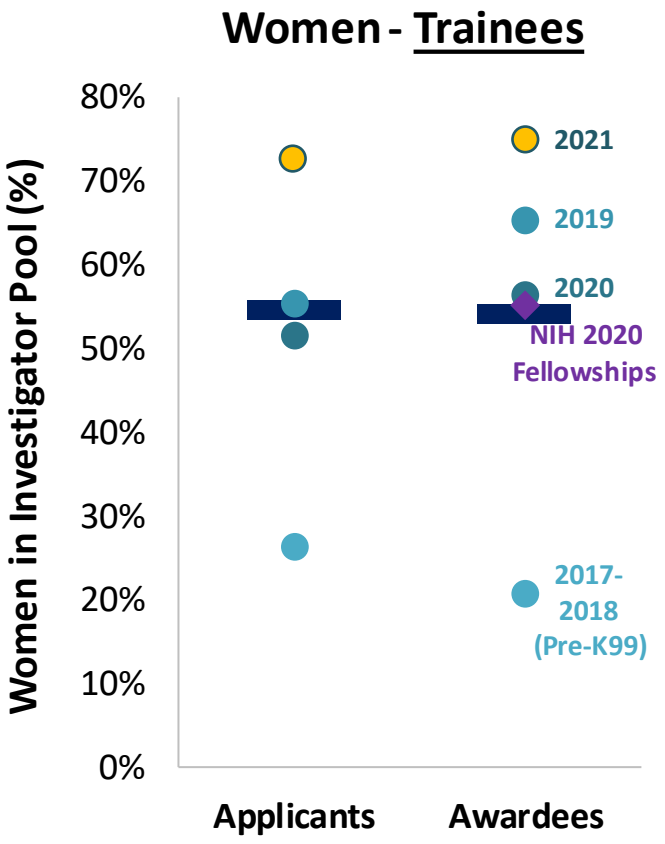


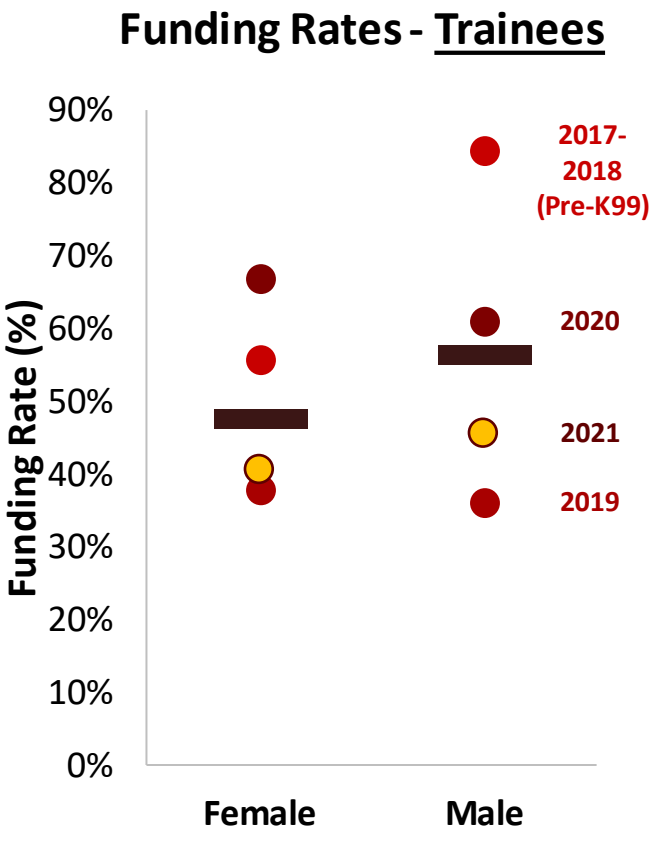


Unknown = 4-8% Overall

Individuals from Diverse Backgrounds

Gender of BRAIN Initiative Trainees

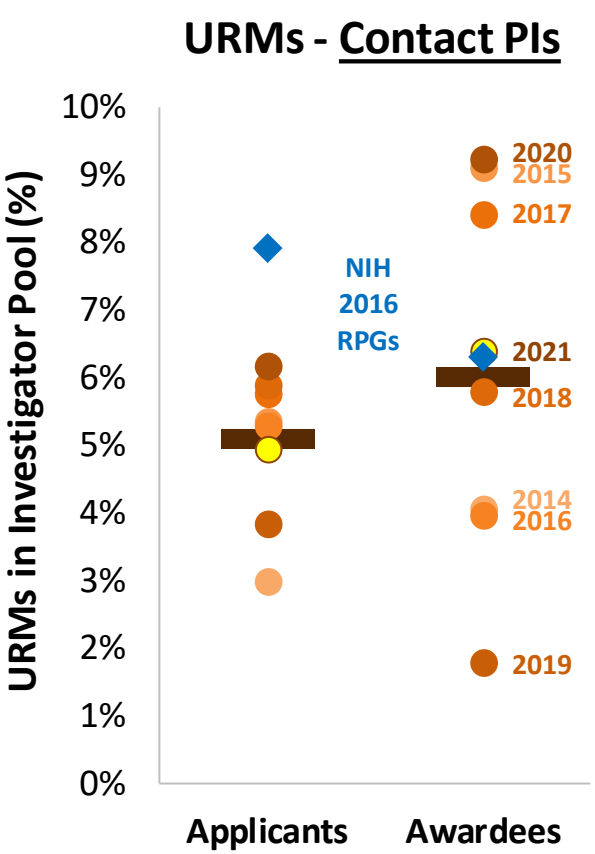


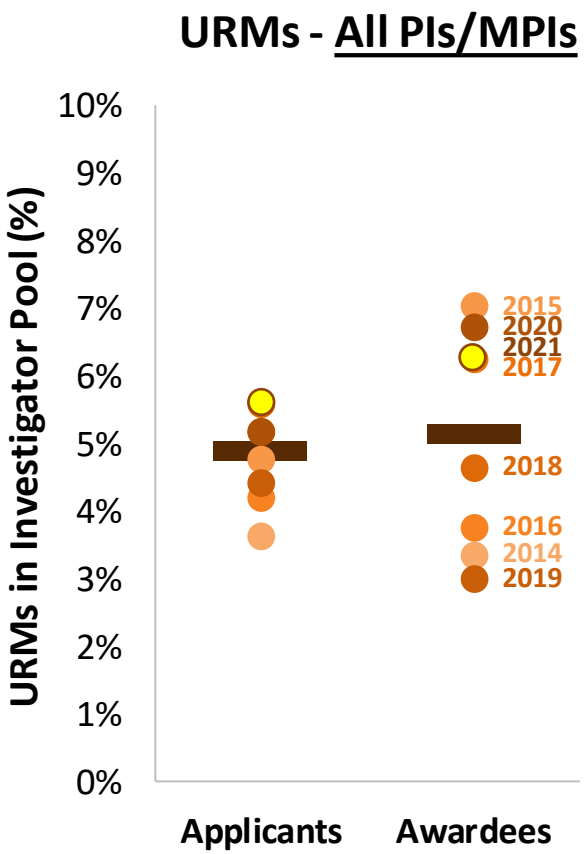


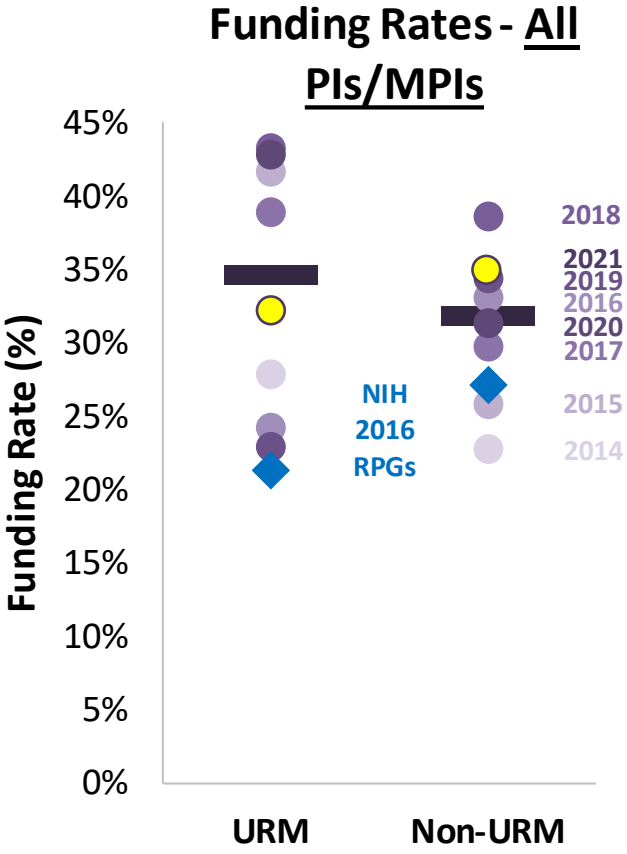
Unknown = 6-12% Overall

Individuals from Diverse Backgrounds

Race/Ethnicity of BRAIN Initiative Investigators



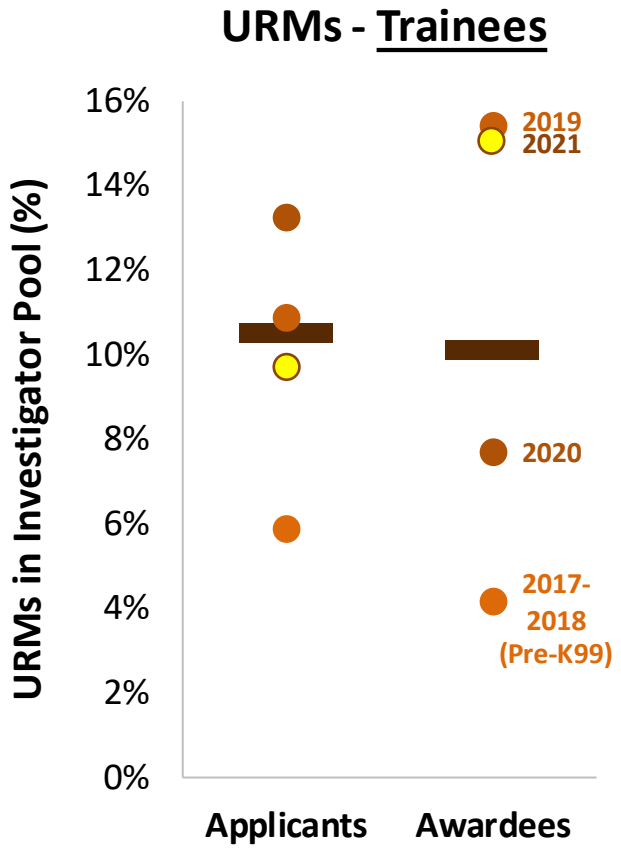


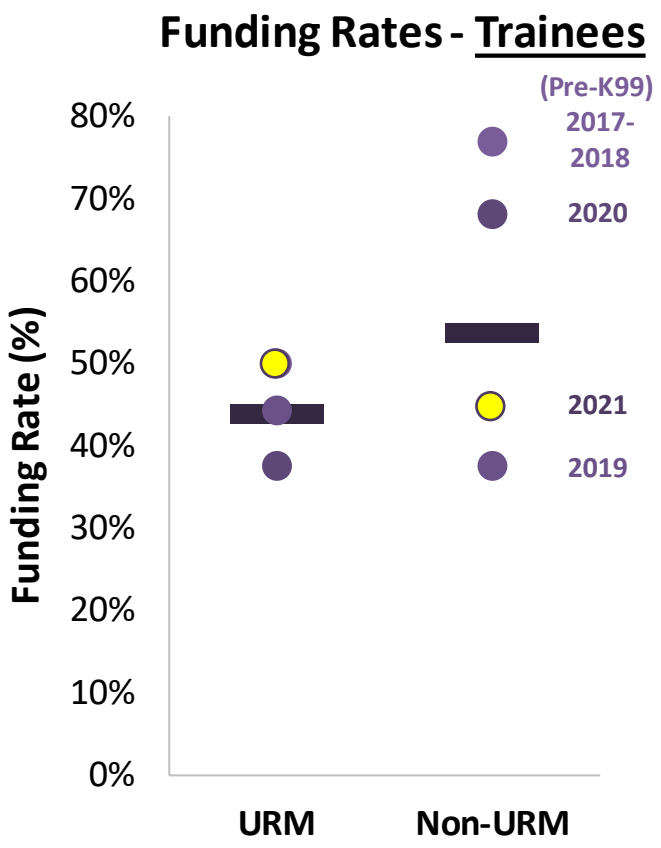


Unknown = 13-18% Overall

Individuals from Diverse Backgrounds

Race/Ethnicity of BRAIN Initiative Trainees





Unknown = 7-17% Overall

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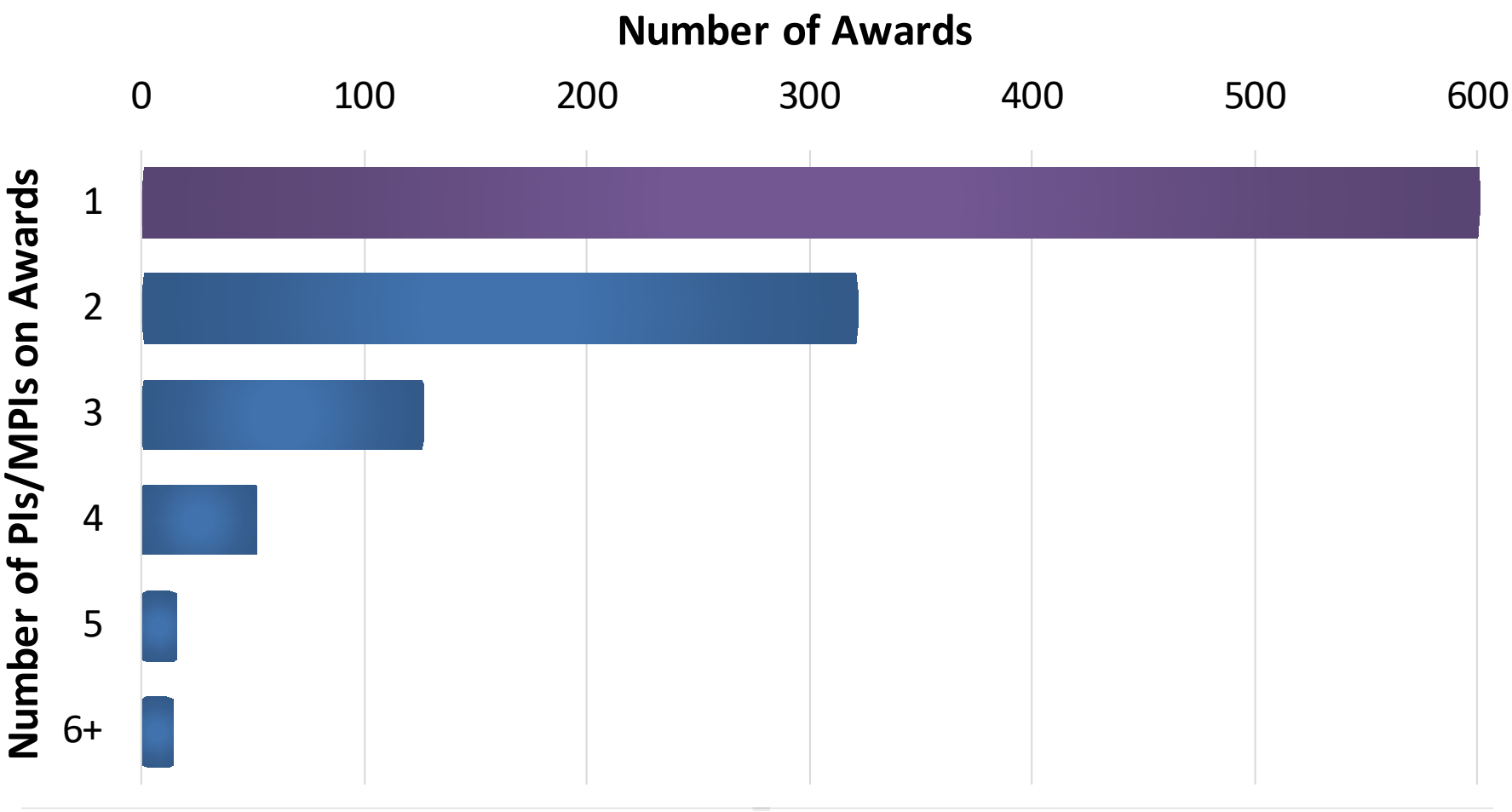
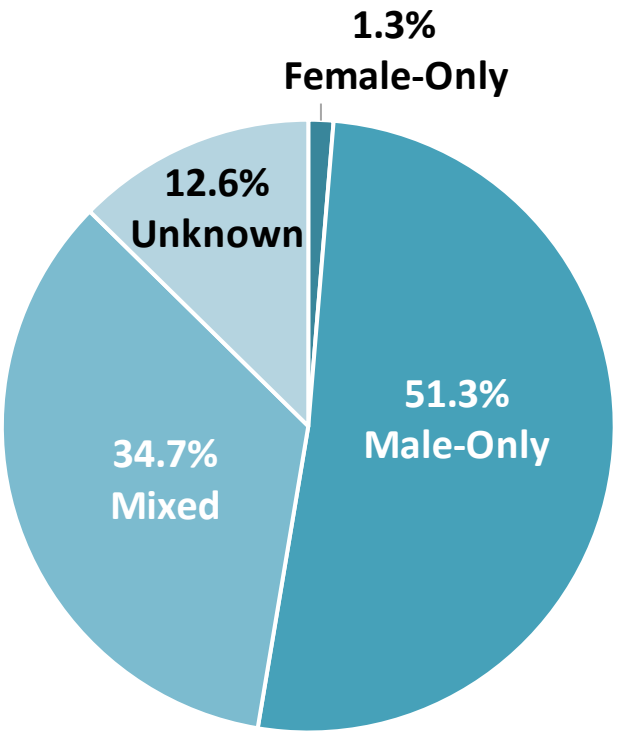
Team Science

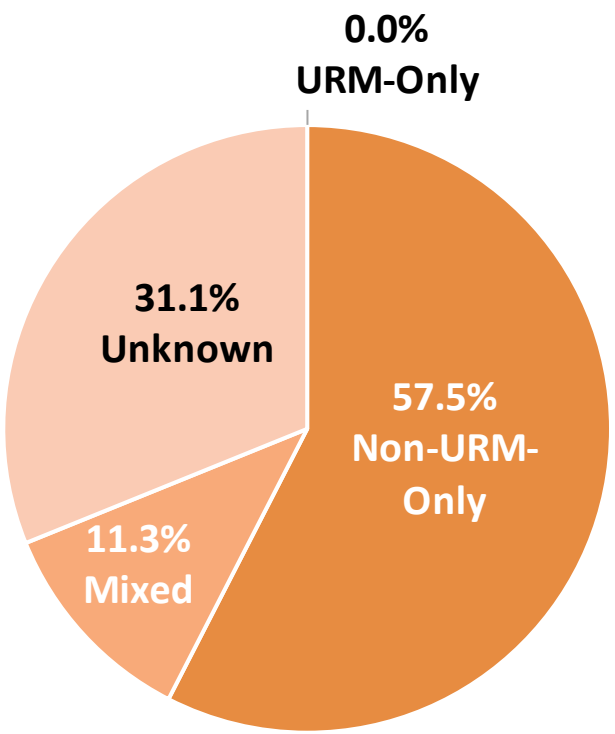
- Diversity among persons represented on multi-investigator project teams

47% of BRAIN Awards Have Multiple PIs



Most Multi-PI Teams are Male and Non-URM





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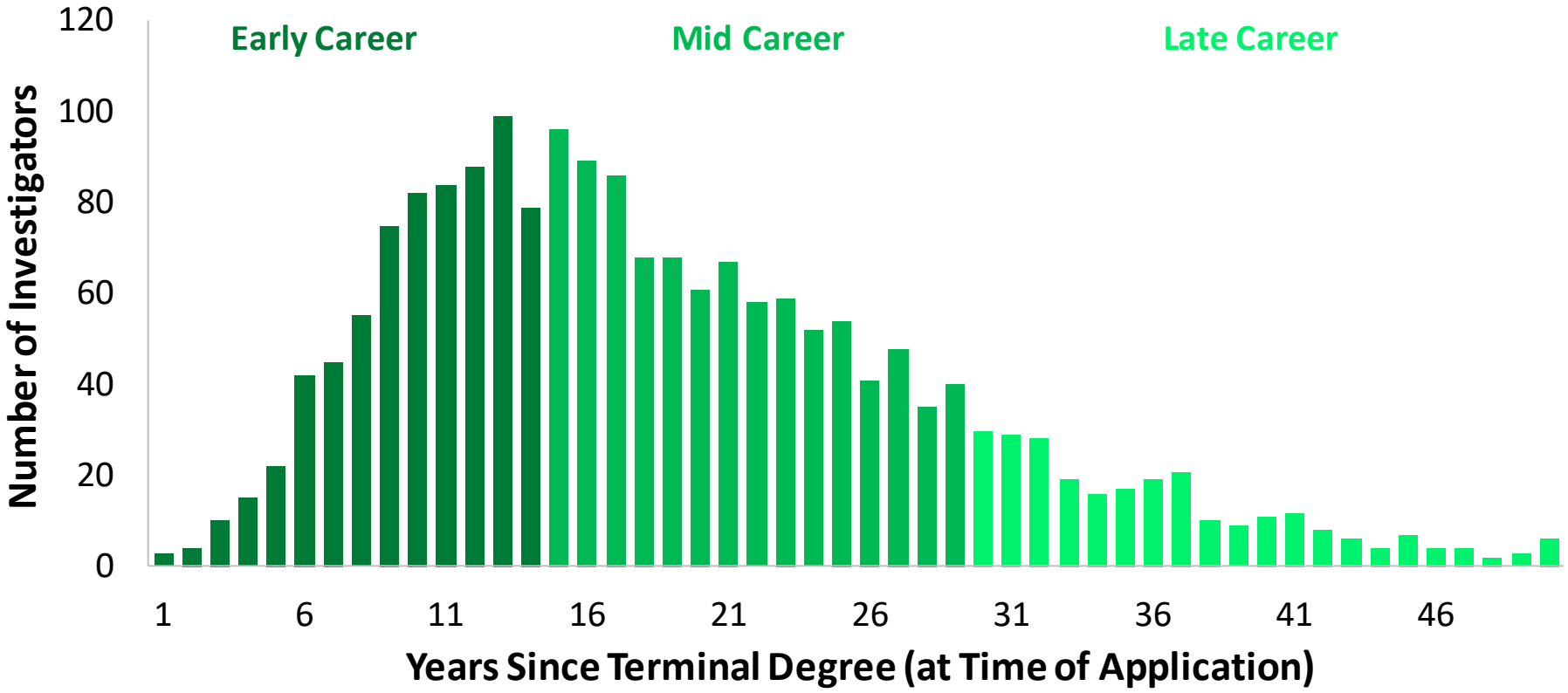
Career Stage of BRAIN Initiative Investigators



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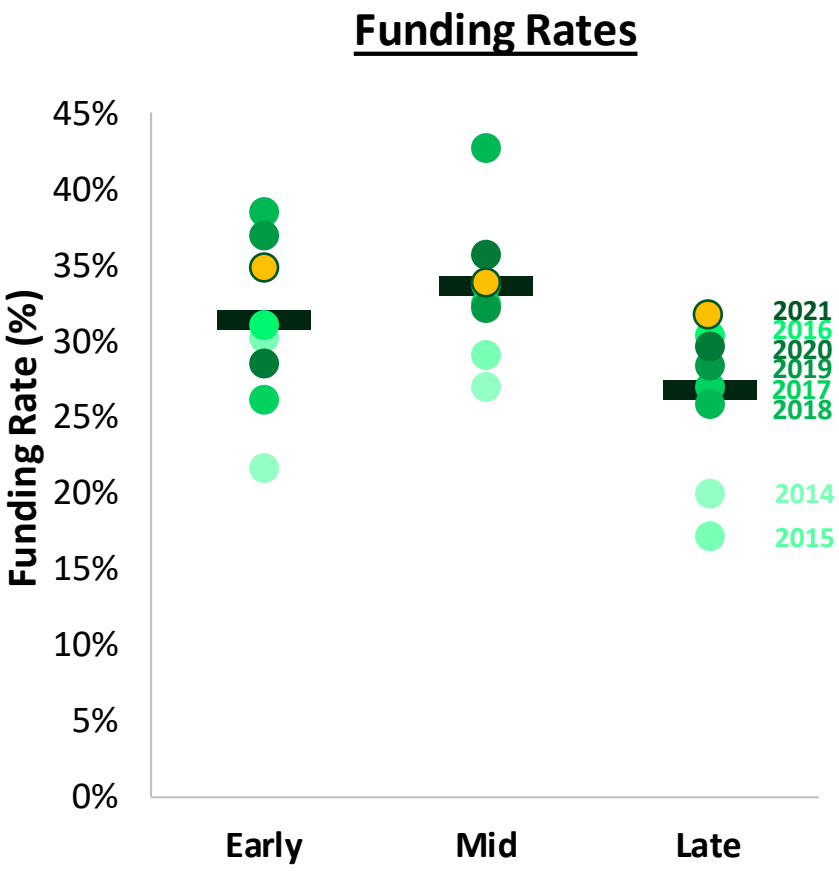

Early Career

- 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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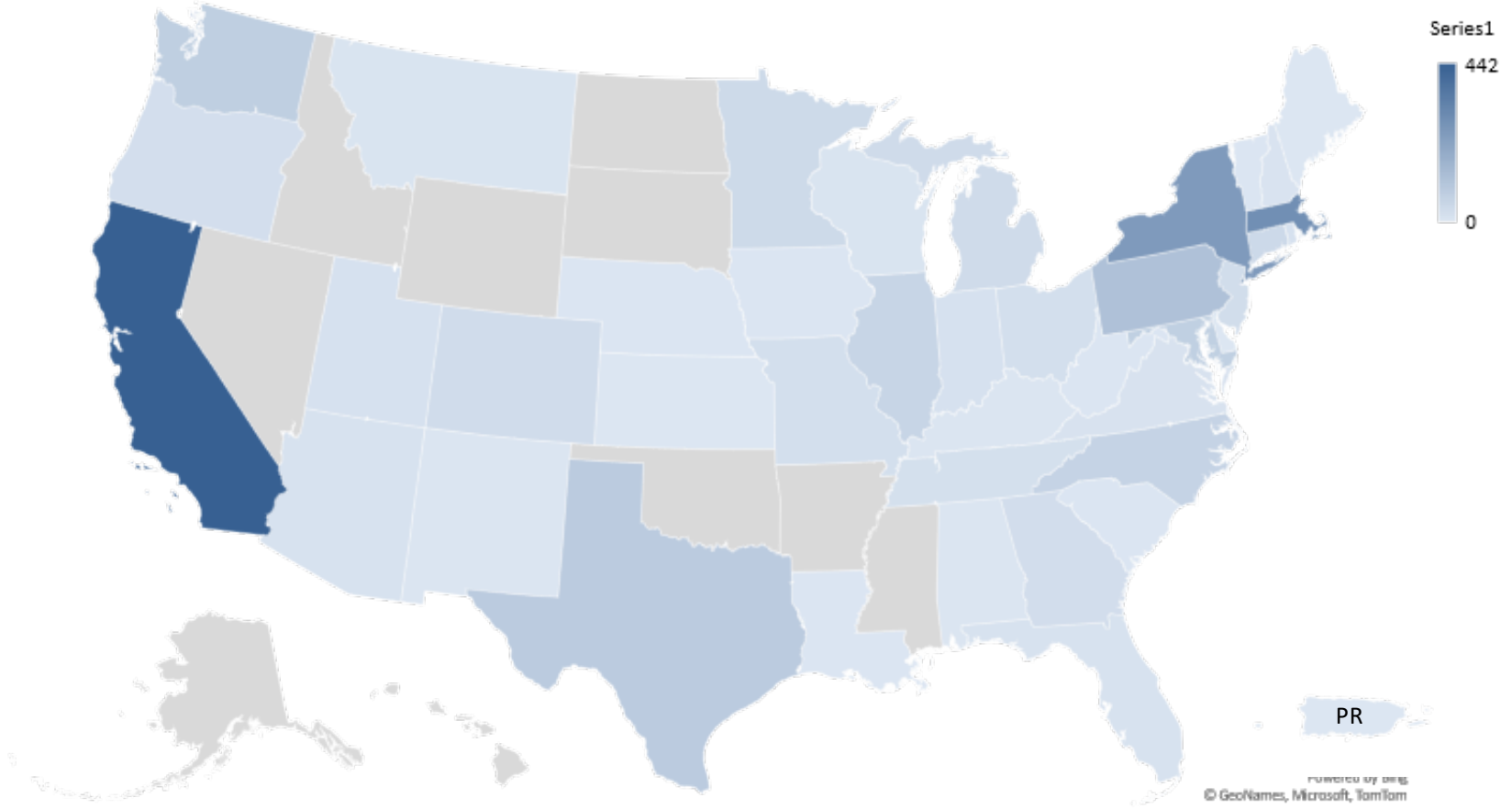
Geographic Distribution

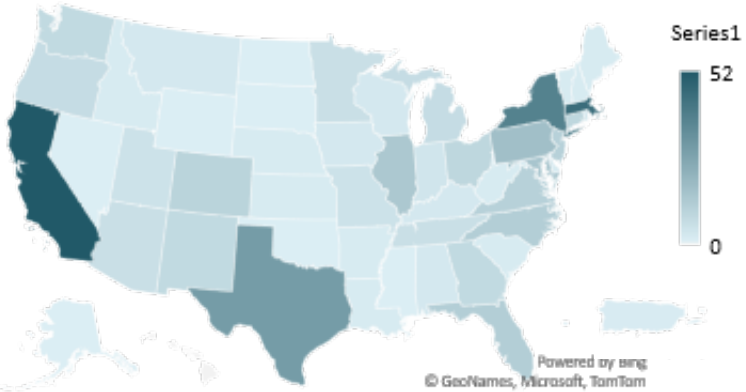
Awarded BRAIN Initiative U.S. Performance Sites



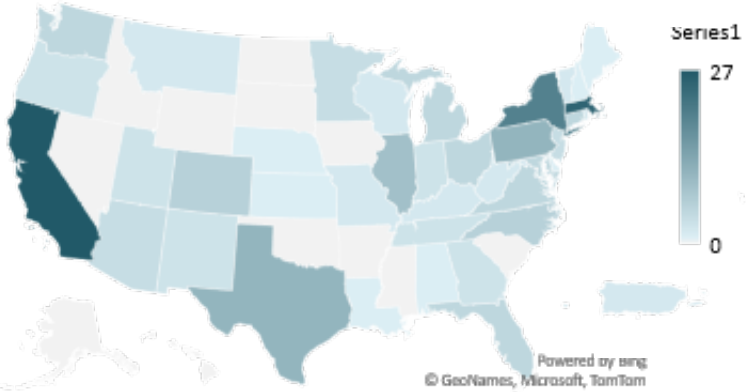
Geographic Distribution

U.S. BRAIN Initiative Institutions

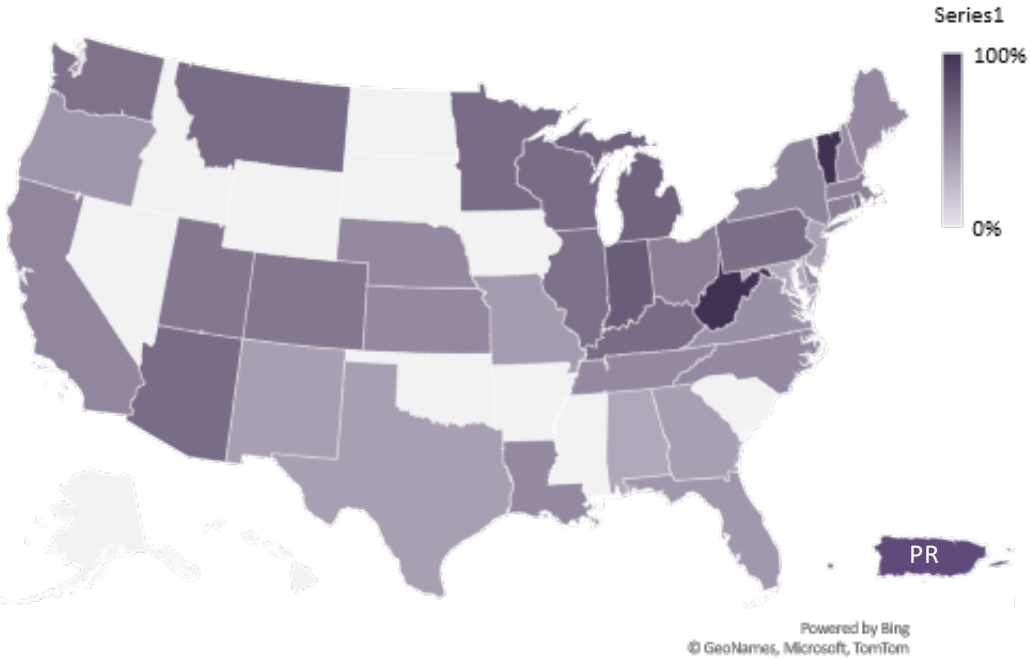
Applicant Institutions



Awardee Institutions



Institutional Funding Rates by State

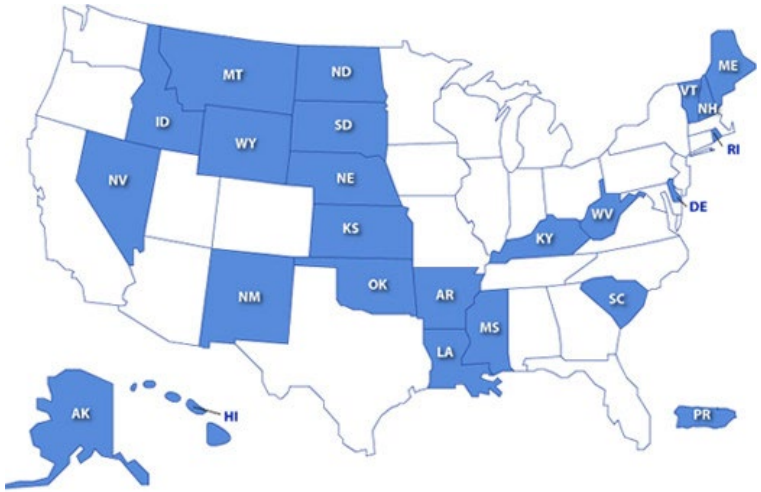


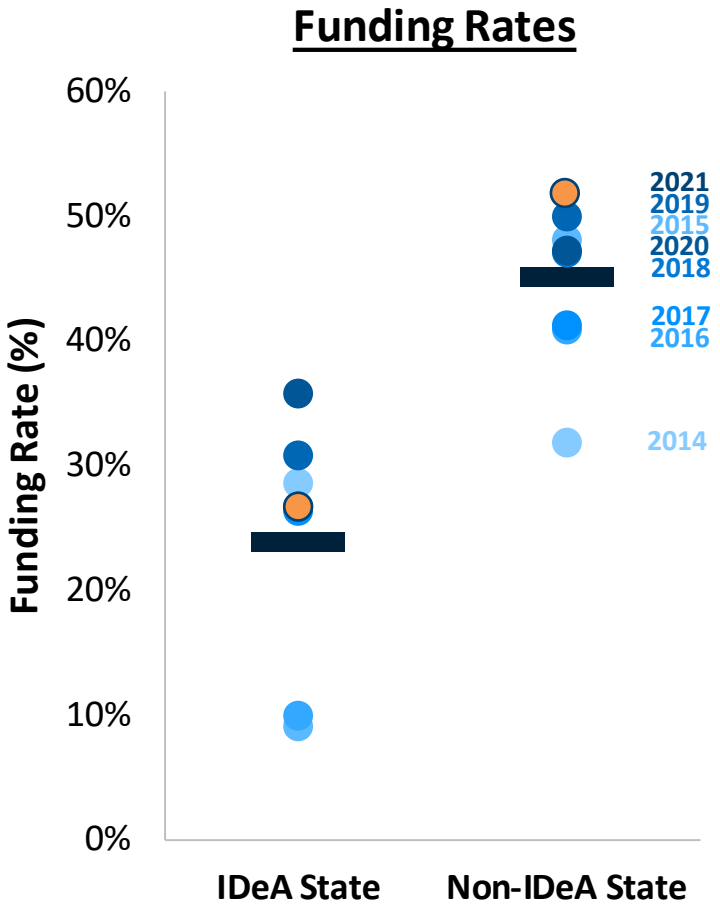
Geographic Distribution

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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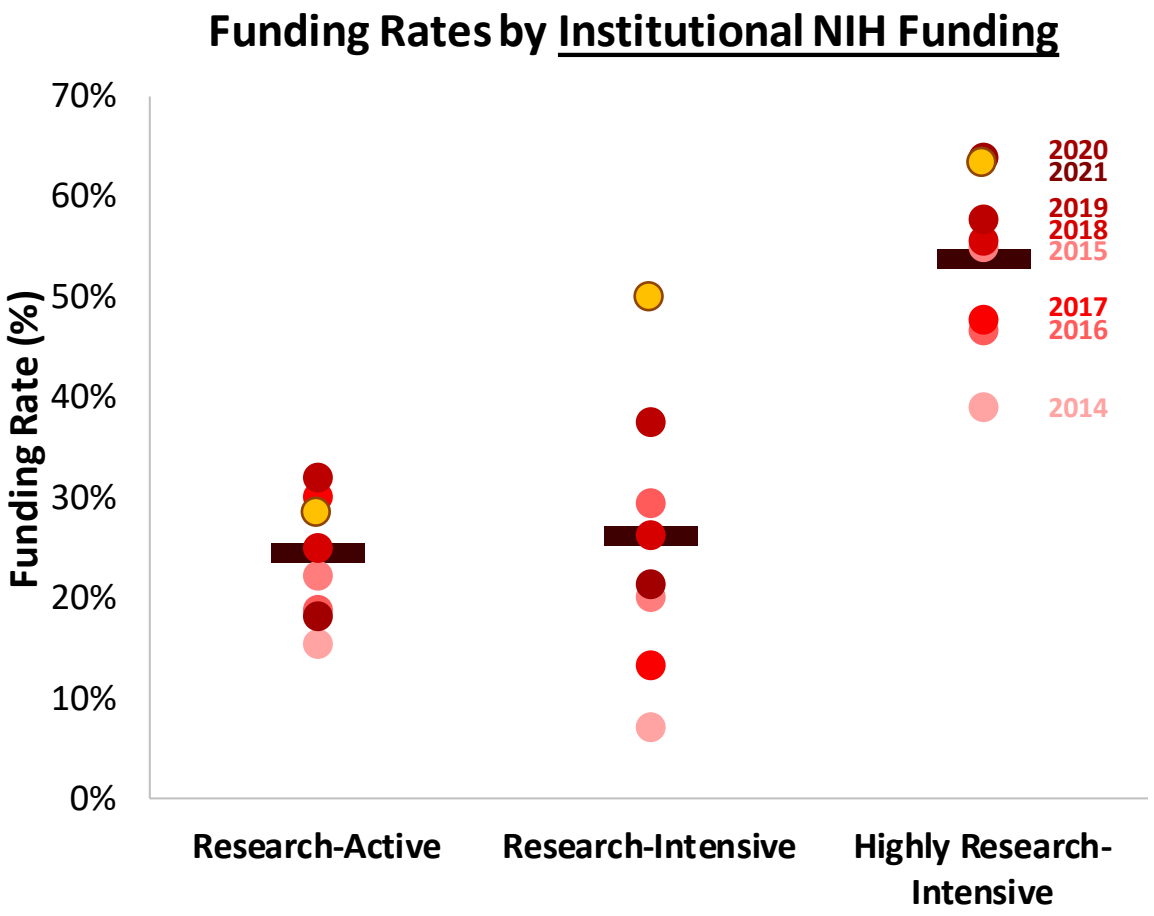
NIH Support of BRAIN Applicant Institutions



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

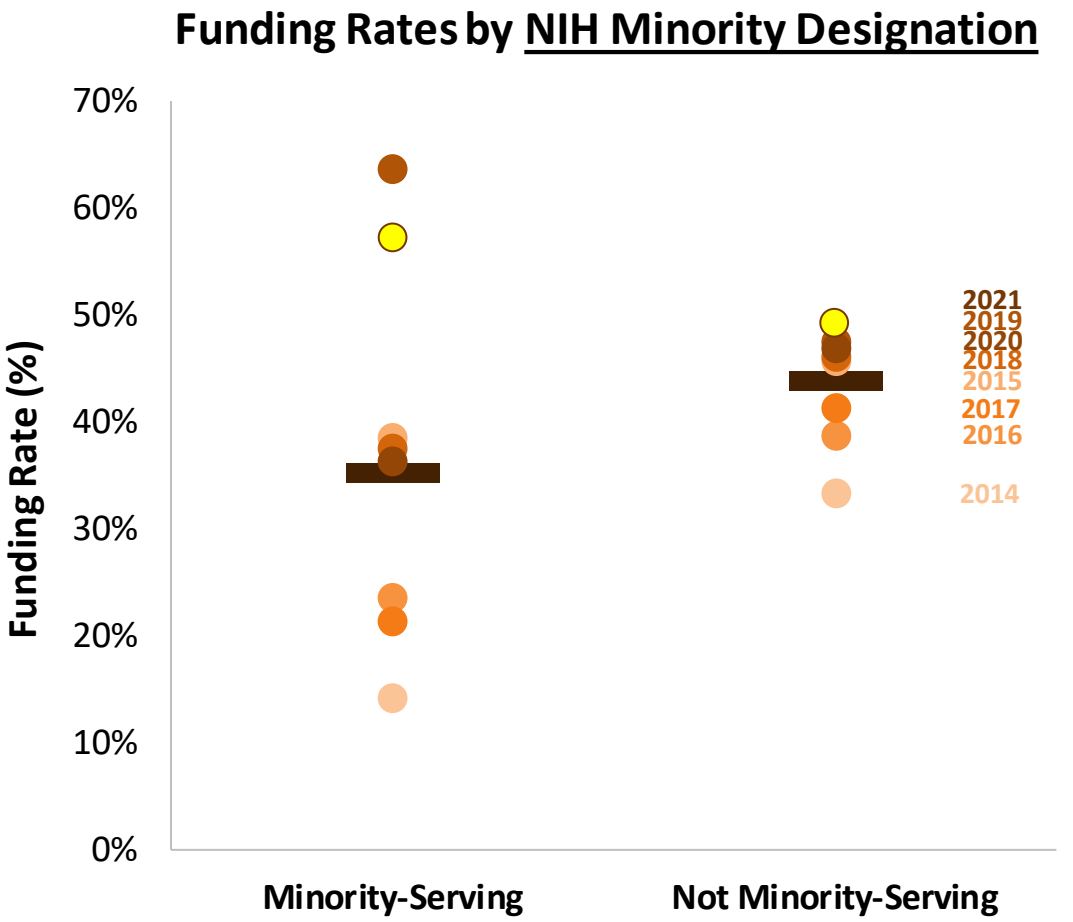
Research-Intensive
- $7.5-20M/y NIH RPG funding

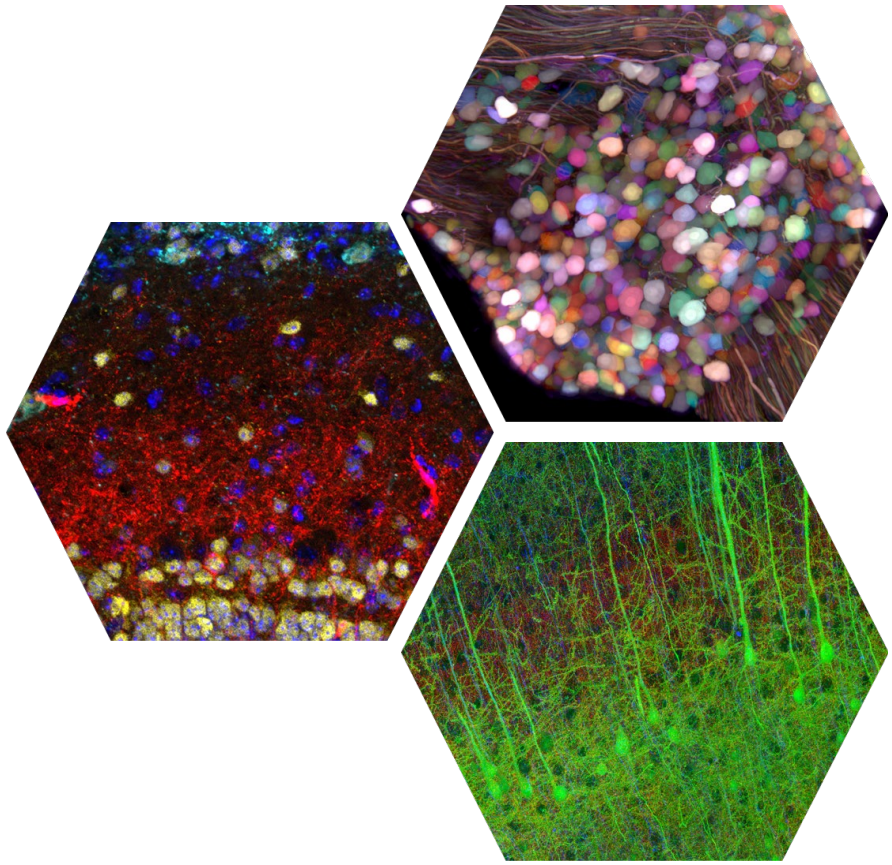
Highly Research-Intensive
- > $20M/y NIH RPG funding

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

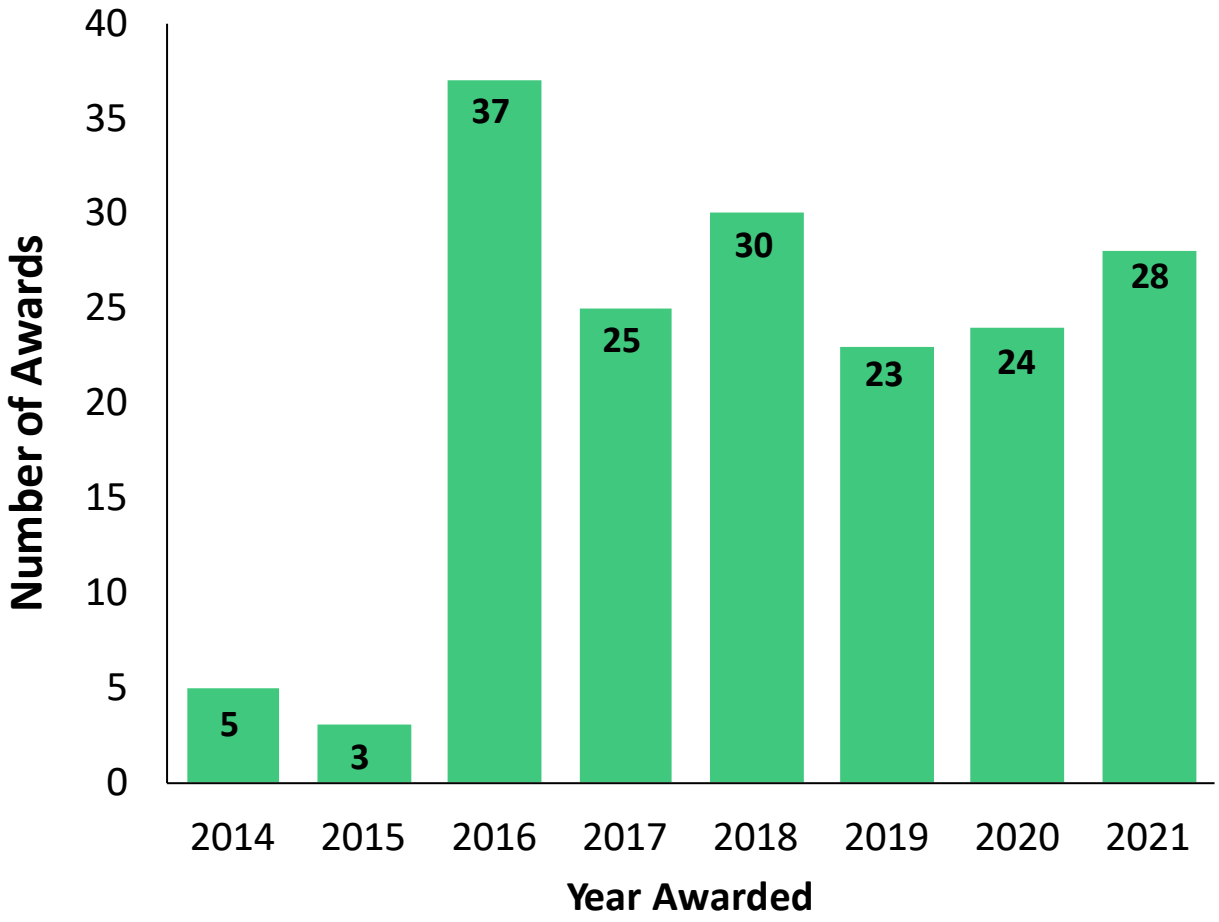




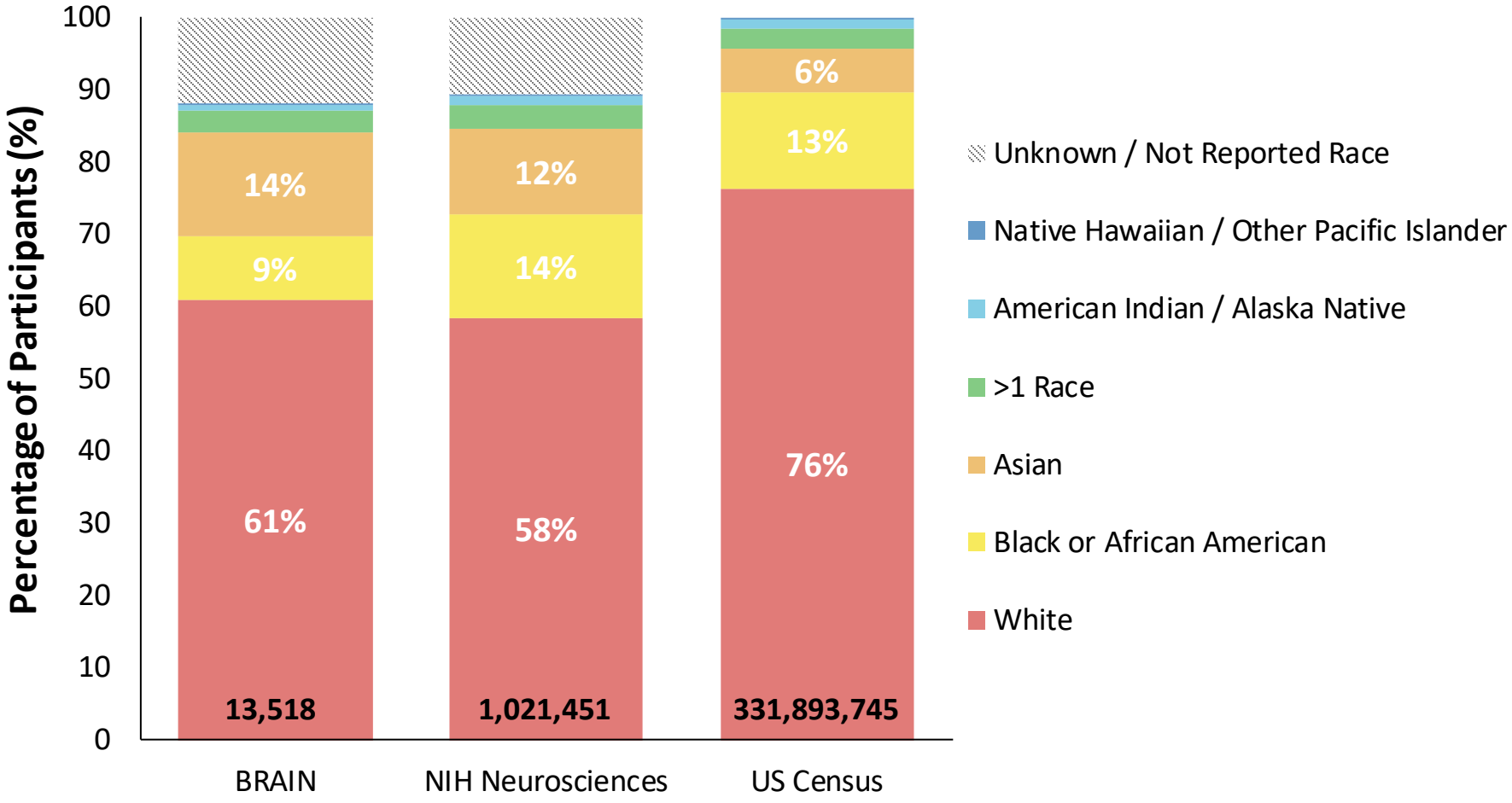
NIH The BRAIN Initiative®

BRAIN Initiative Human Research Participant Enrollment FY14-FY21

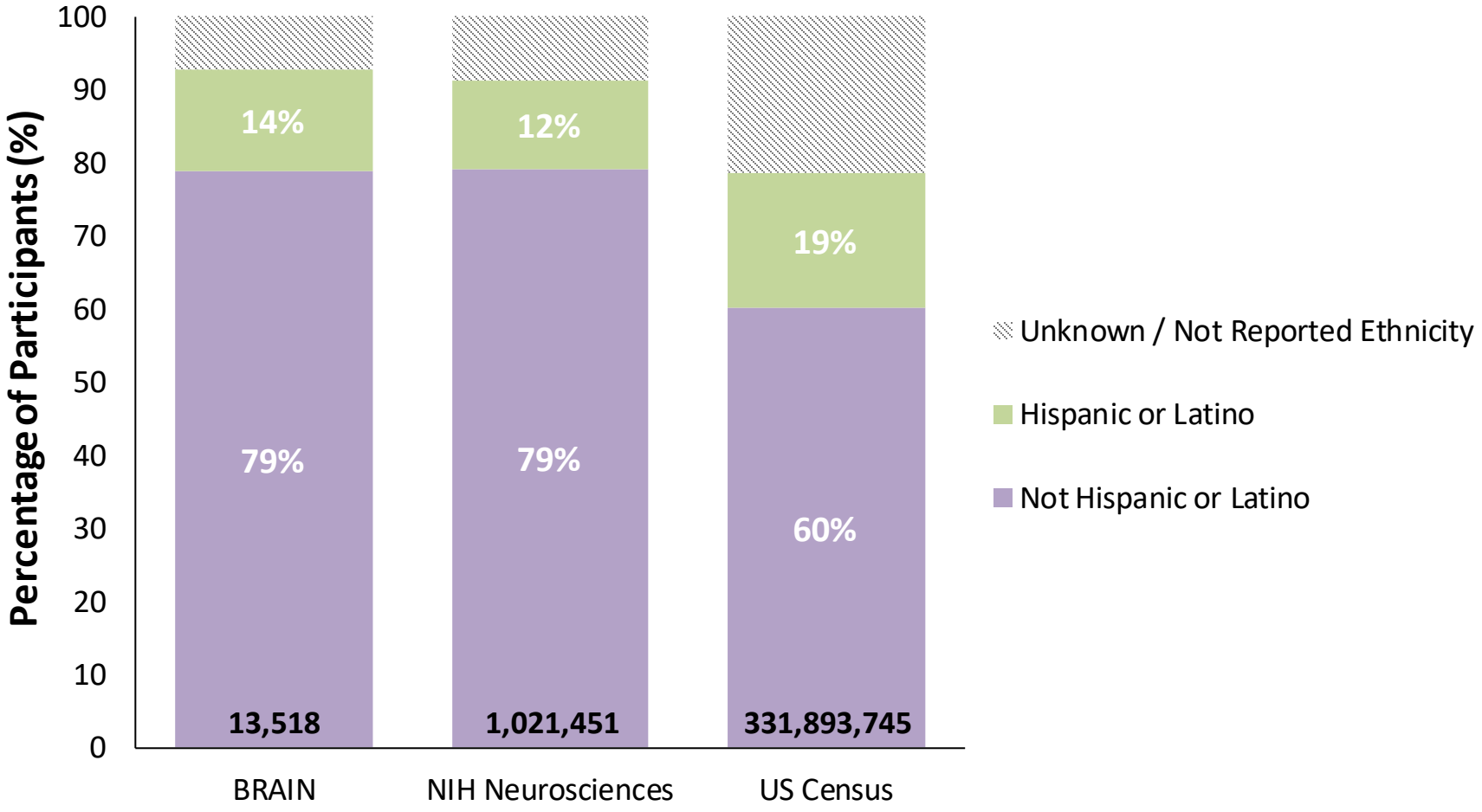
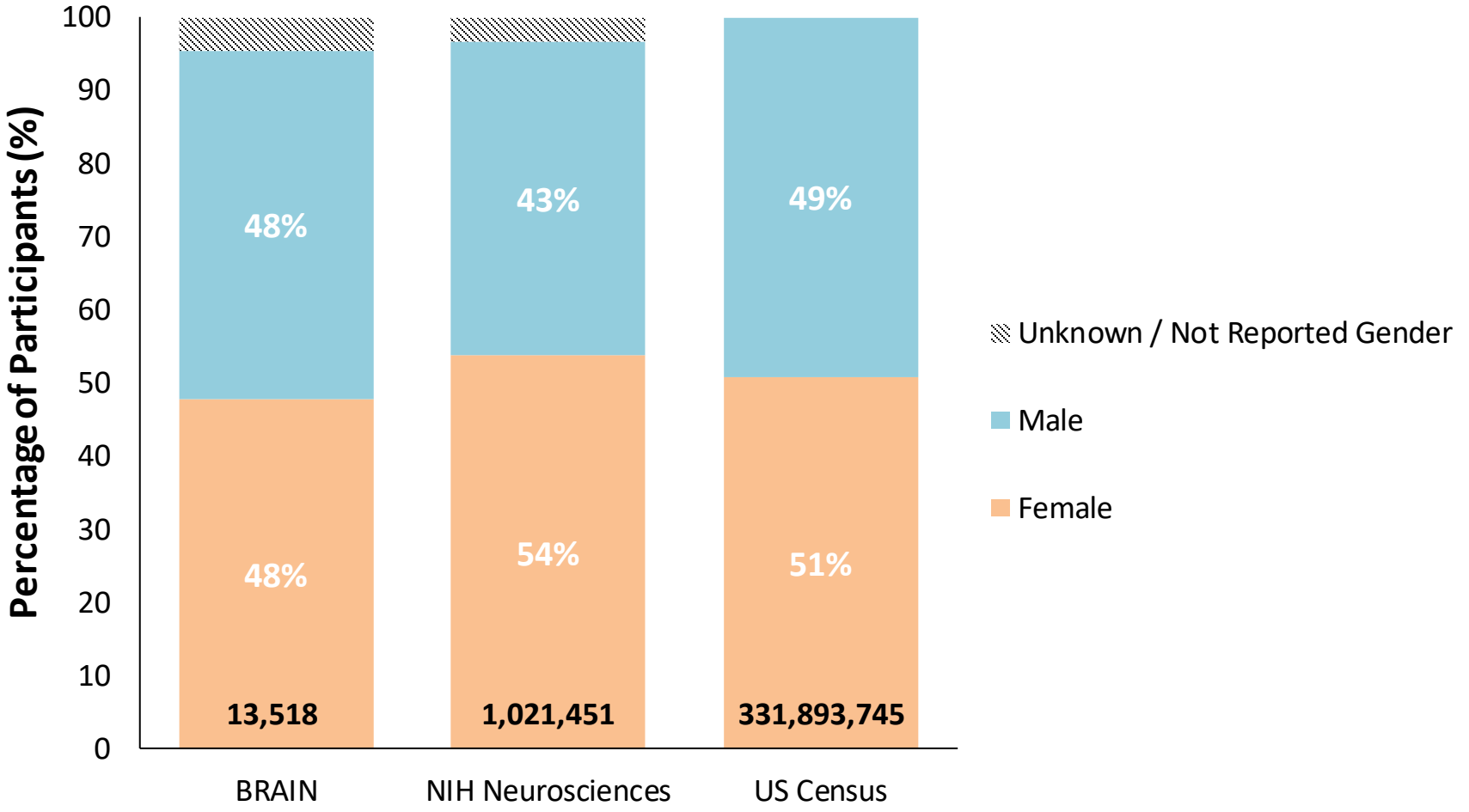
Human Research Participant Enrollment: Number of Awards by Year



Human Research Participant Enrollment: Race



Human Research Participant Enrollment: Ethnicity



Human Research Participant Enrollment: Gender