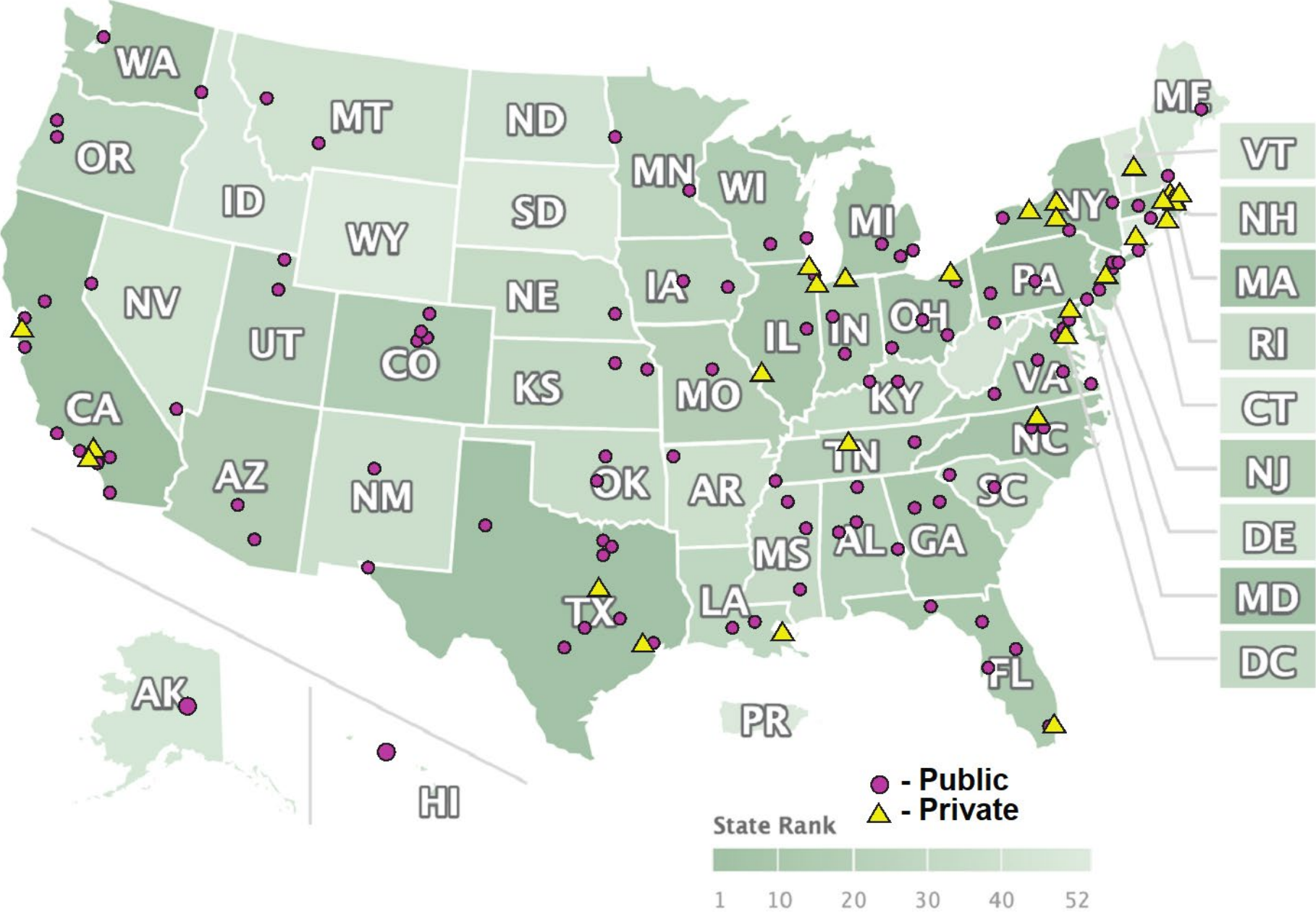
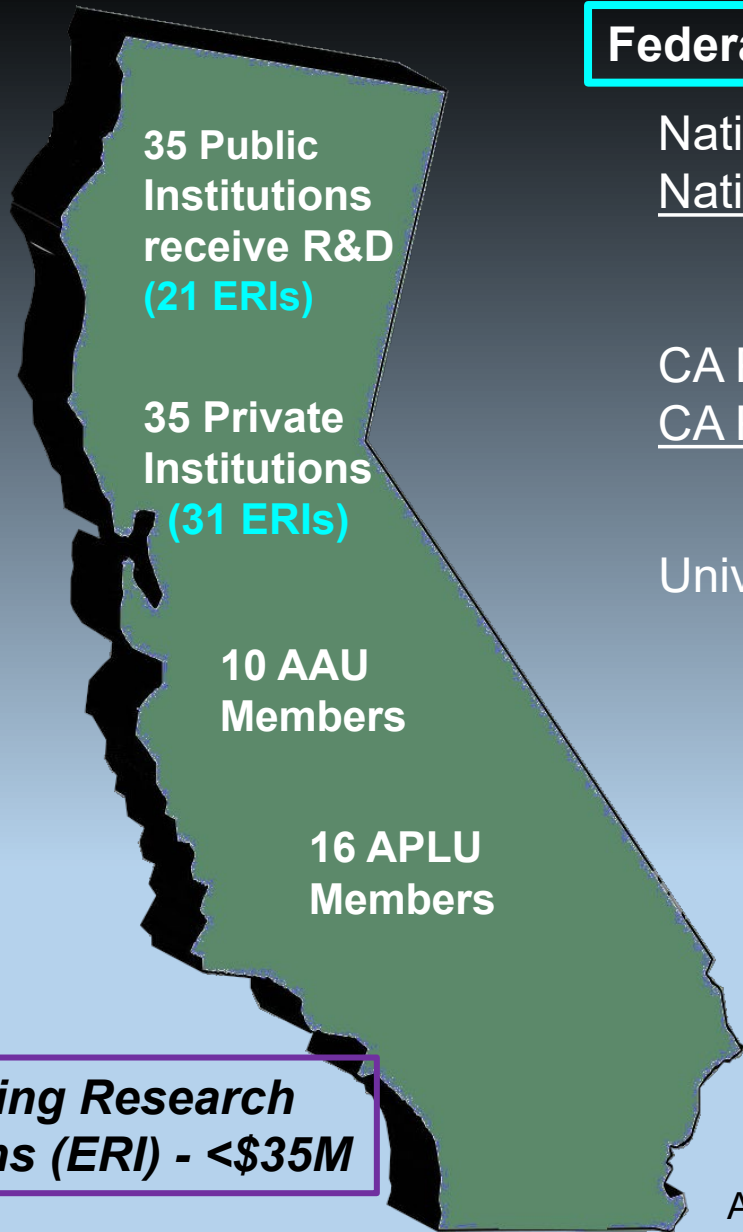


Federal R&D Landscape – States and California

**Roger M. Wakimoto
May 5, 2022**

Federal R&D Funding by State (R1 Universities) - 2019





Federal R&D Funding - 2019

Nationwide Public Institutions - \$54.8B
 Nationwide Private Institutions - \$28.9B
 Total - \$83.7B

CA Public Institutions - \$7.4B
 CA Private Institutions - \$3.1B
 Total - \$10.5B

University of California - 8% of total funding nationwide
 - 67% of total funding in CA

Diversity

- 5 of 10 UCs are HSIs (UCSB, UCR, UCM, UCSC, UCIUCD and UCLA are close)
- 21 of 23 California State Universities are HSIs
- 1 Historically Black Graduate Institution

AAU Association of American Universities: "elite" research universities (65 members) in North America
 APLU: Association for Public and Land-Grant Universities (246 members)

Issues:

1) How do we ensure that “all” ERIs across the nation have the potential to increase in R&D support (the need for geographic diversity)? Many URMs attend ERIs.

2) How can R1s effectively partner with ERIs in order to strengthen ERI’s research programs including infrastructure?

- *APLU Survey - #5 priority: “Improved partnerships between R1 & R2 universities and ERIs”*

3) Diversity:

- *HSI designation (e.g., 7 of the 65 AAU members are HSIs).
[Stephanie Aguilar Smith (2021): “Seeking to Serve or \$erve? Hispanic-Serving Institutions...”]*
- *AAU has prioritized research partnerships with HBCUs*
- *Proposals:*
 - *Pilot partnership program with ERIs (funding >\$1M)*
 - *Use-inspired research*