

Faculty Senate Update

Christopher G. Maples, Interim Chancellor

October 18, 2018

FOR TODAY'S MEETING

- > Chris will cover:
 - Enrollment outlook
 - Strategic plan compacts
 - > Student Success
 - > Research and Scholarly Works
- > Robert will cover:
 - Leadership updates
 - Leveraging internal resources for strategic goals

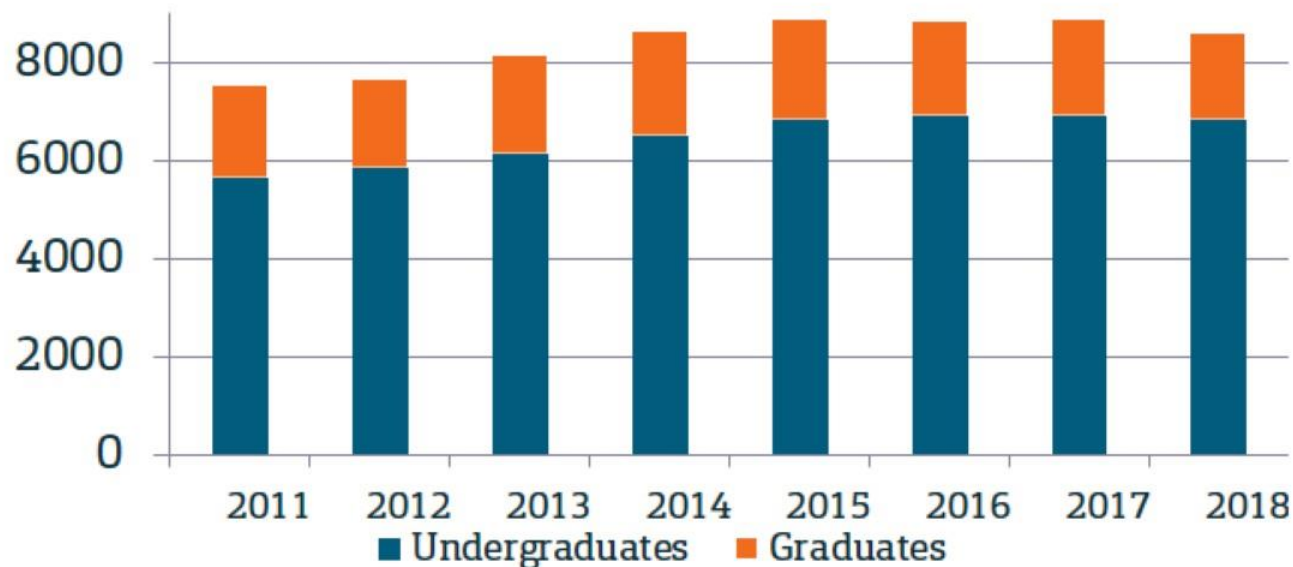
FALL 2018 BY THE NUMBERS

8,607 students: 6,848 undergrads and 1,759 grads

74% Missourians
16% out-of-state
10% international

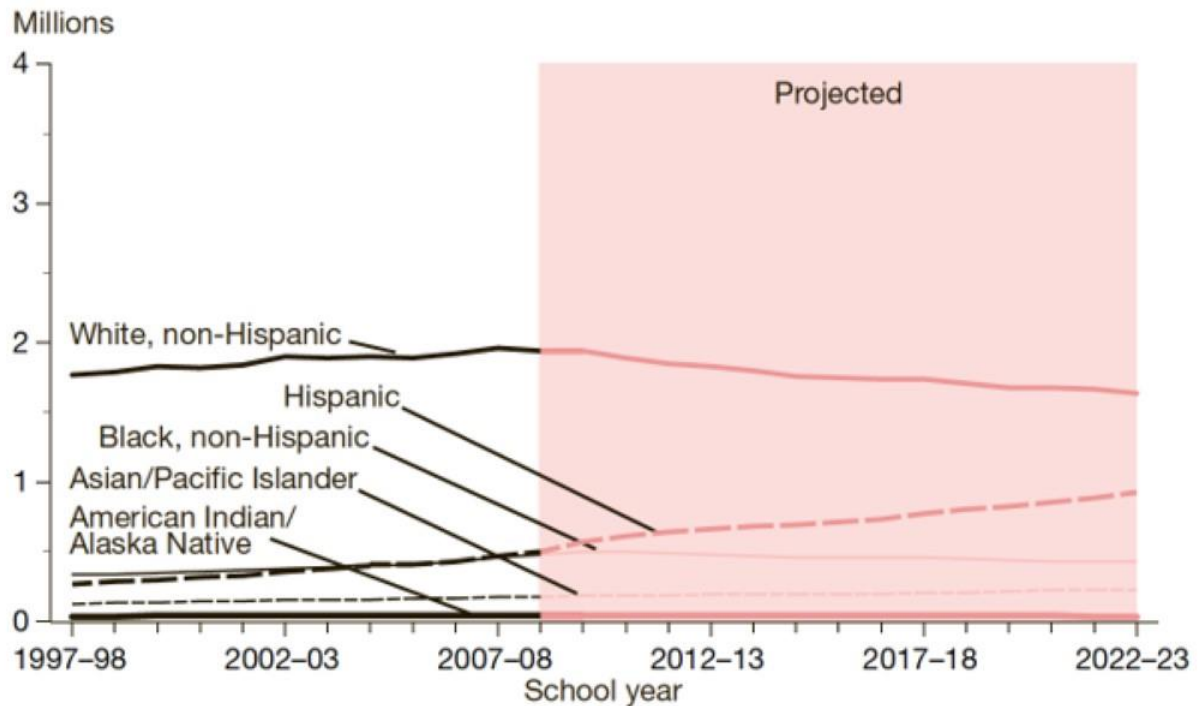
76% men
24% women

74% white
14% minority
10% international
2% not specified



OUTLOOK FOR FUTURE ENROLLMENT

Figure 7. Actual and projected numbers for public high school graduates, by race/ethnicity: School years 1997-98 through 2022-23



(16%) White, non-Hispanic

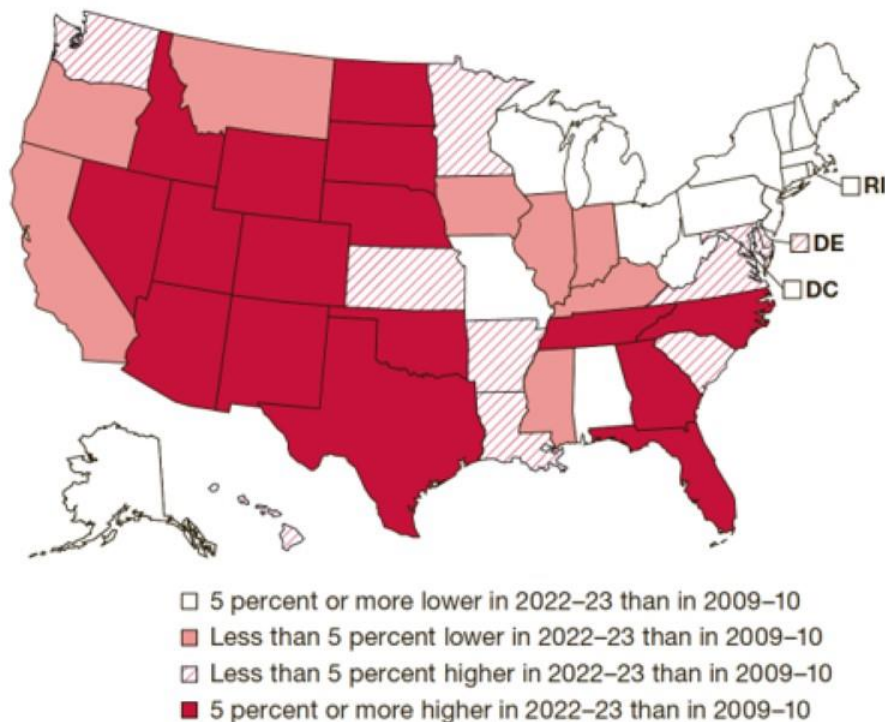
(14%) Black, non-Hispanic

64% Hispanic
23% Asian/
Pacific Islander

OUTLOOK FOR FUTURE ENROLLMENT

- Will have to recruit in different places
- Will have to recruit differently
- Will have to recruit different populations

Figure 8. Projected percentage change in the number of public high school graduates, by state: School years 2009–10 through 2022–23



NEW STRATEGIC PLAN



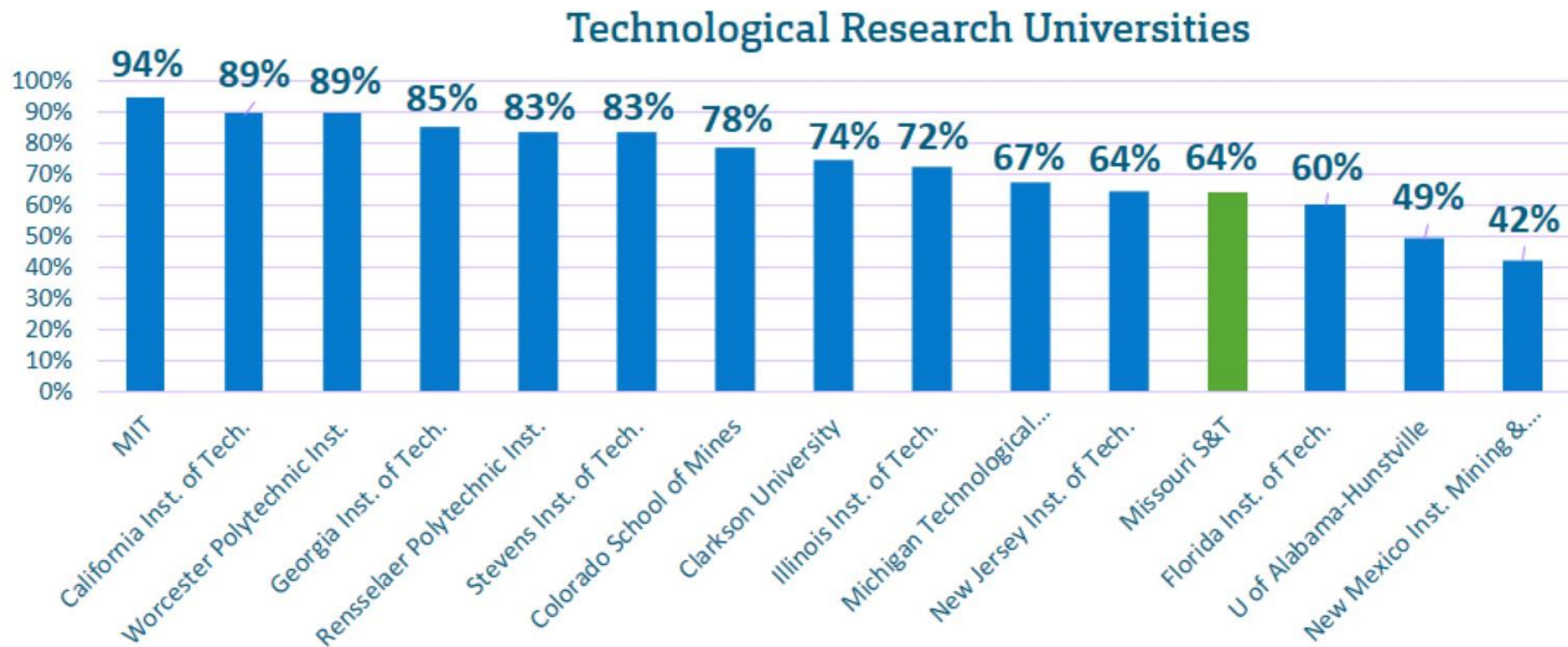
- > Student Success
- > Research and Creative Works
- > Engagement and Outreach
- > Inclusive Excellence
- > Planning, Operations, and Stewardship

“To think creatively, we must be able to look afresh at what we normally take for granted.”

George Keller

STUDENT SUCCESS: WHERE WE ARE

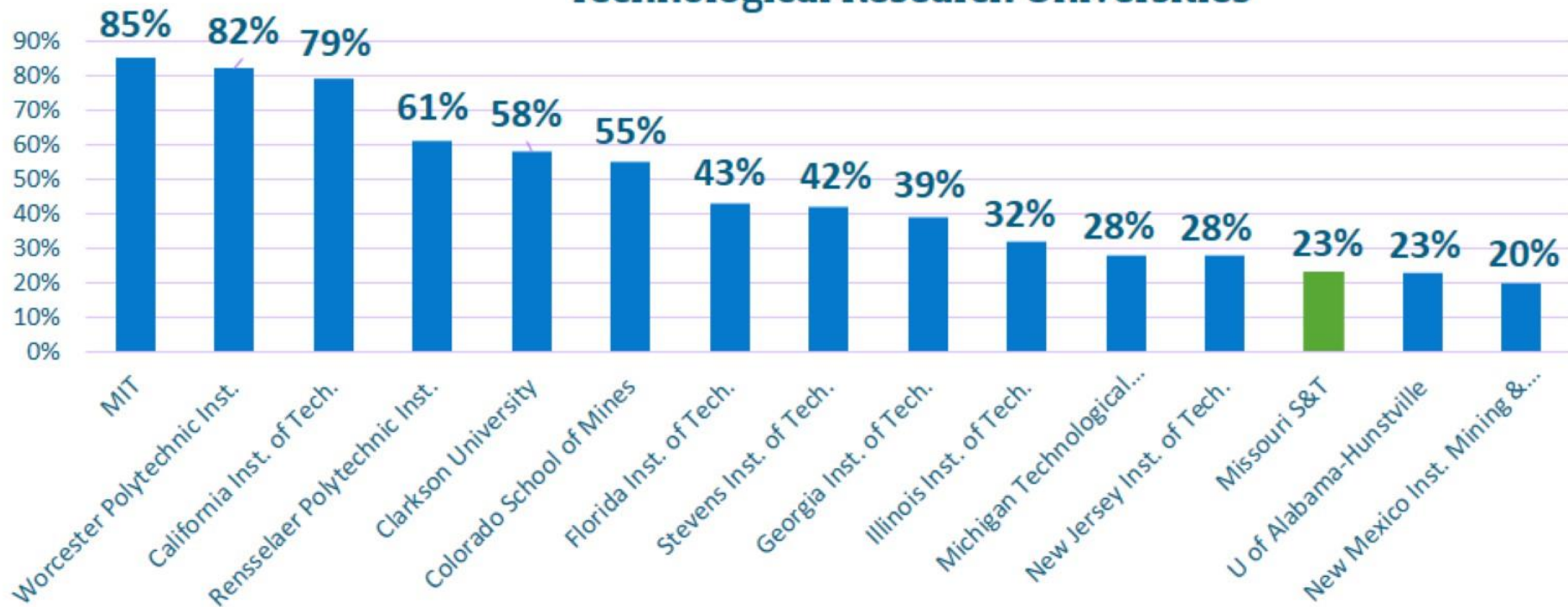
6-YEAR GRADUATION RATES



STUDENT SUCCESS: WHERE WE ARE

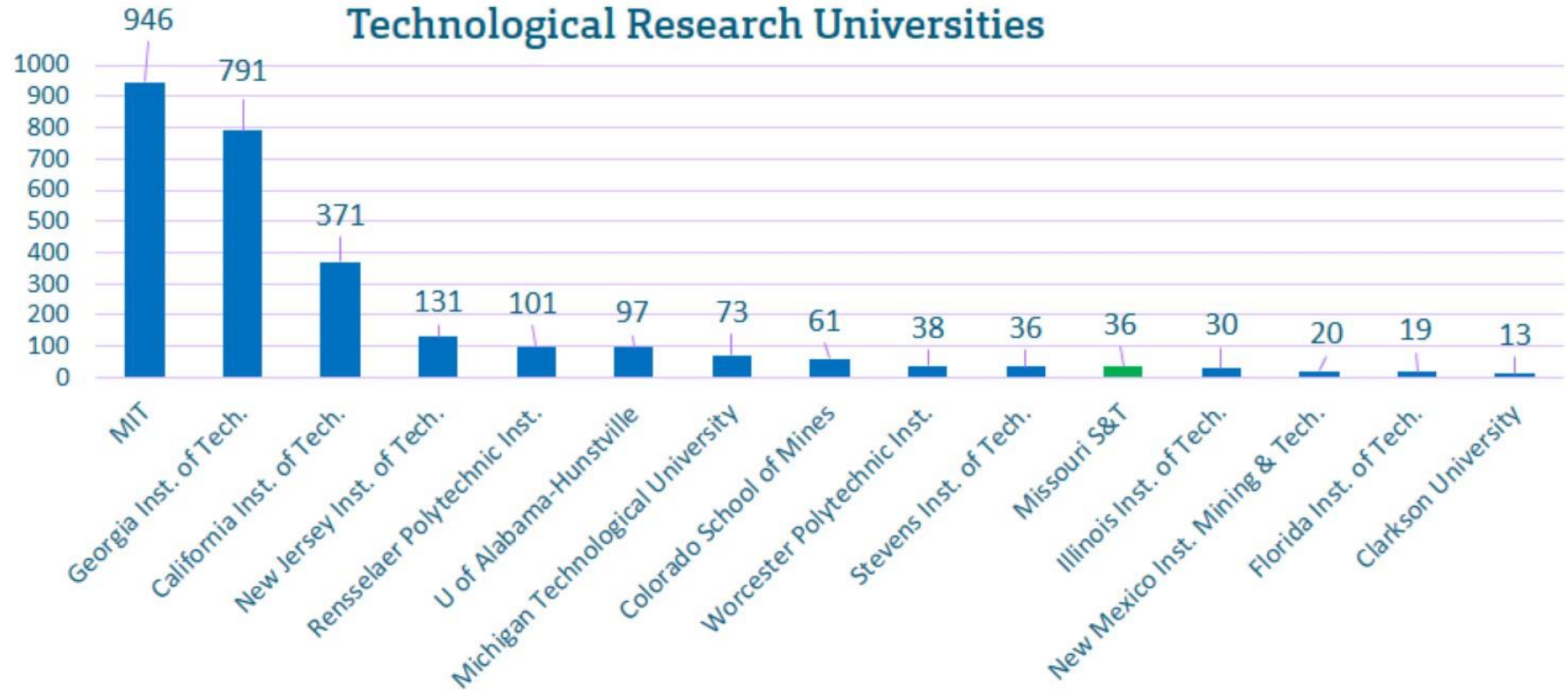
4-YEAR GRADUATION RATES

Technological Research Universities



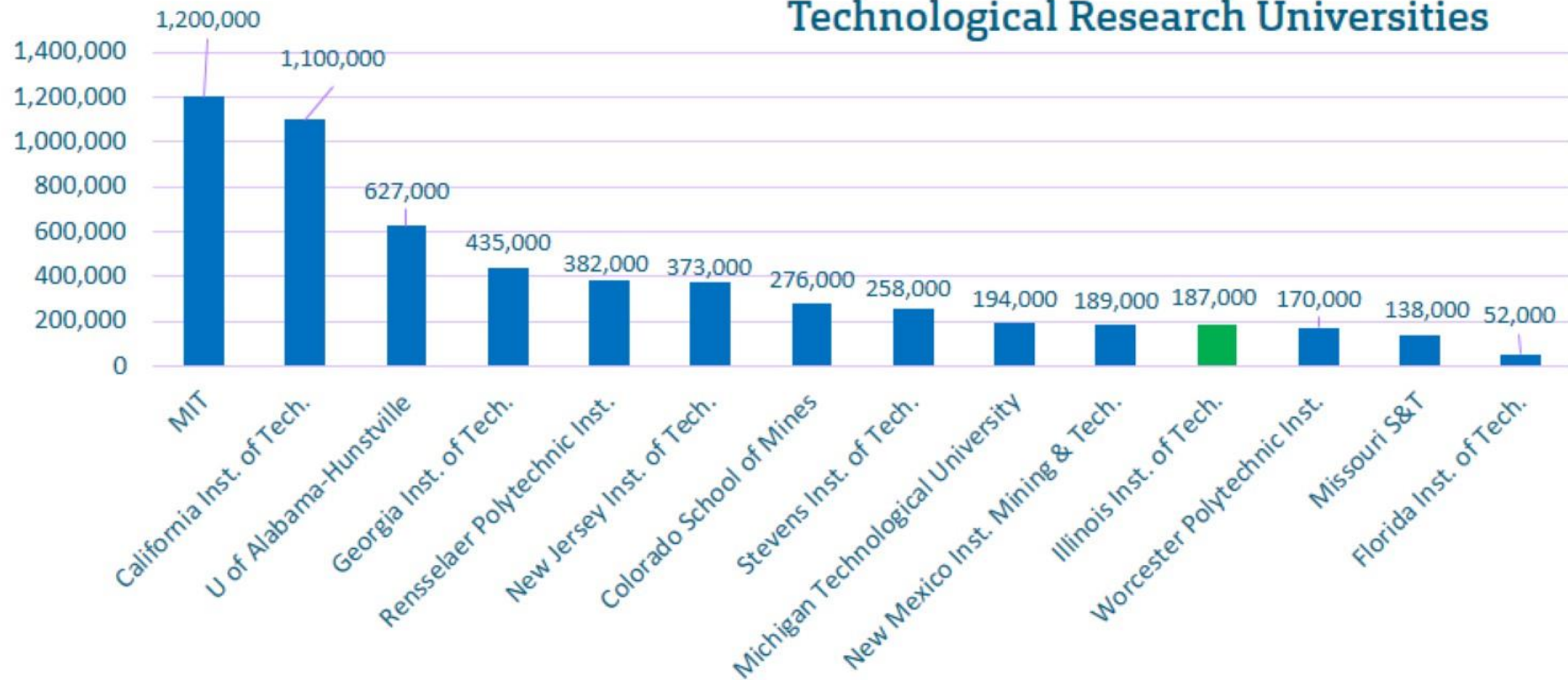
RESEARCH PROFILE: WHERE WE ARE

RESEARCH EXPENDITURES (IN MILLIONS) Technological Research Universities



RESEARCH PROFILE: WHERE WE ARE

RESEARCH EXPENDITURES PER FACULTY MEMBER, ENGINEERING Technological Research Universities



RESEARCH GOALS FOR 2023

- > R1, highest classification in Carnegie Classification
- > Raise S&T's research profile
- > Leverage external partnerships & inter-institutional collaborations within UM System & beyond
- > 10 faculty receive nationally recognized awards (e.g., NSF CAREER awards, National Academies, etc.)
- > \$70M annual research expenditures
- > 750 Ph.D. enrollment
- > Increase citations by 15%, publications by 10%
- > New nationally recognized, externally funded research centers

RESEARCH SUCCESS: HOW WE WILL IMPROVE

- > Post-doctoral scientists serve as PIs on research projects
 - Successful post-docs transition to Research NTT Faculty
- > Increase number of Research NTT Faculty
- > Creative programs for faculty support
 - S&T Agility Program
- > Break away from sameness of workload
 - My experience: really good researchers want time and ability to build programs
 - Distribute workload to facilitate more teaching or more research, as appropriate
- > Increasing services from Office of Sponsored Programs, freeing faculty from administrative tasks

OUR FUTURE BELONGS TO US

- ✓ We are part of Missouri's only research university system
- ✓ We have the opportunity to work collaboratively with each other, across the system and with other research-focused universities and colleagues
- ✓ As part of a system, we can and should be a valuable, distinctive partner and collaborator
- ✓ We owe it to ourselves, our students, our alumni and our region to research, educate and apply what we learn

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