

Where we were THEN & NOW

NIH R01 Grants

B/AA R01 Grants

B/AA = Black/African American



2013

113



2018

+117%

Funding Gap

2013



10% Gap

2018



10% Gap

Proportion of all R01 Grants



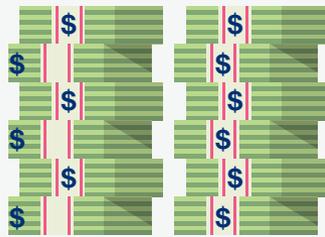
H/L R01 Grants

H/L = Hispanic/Latinx



2013

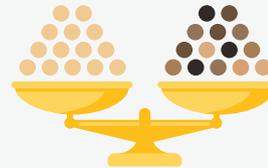
390



2018

+113%

2013



No Gap

2018



No Gap



White + Asian R01 Grants



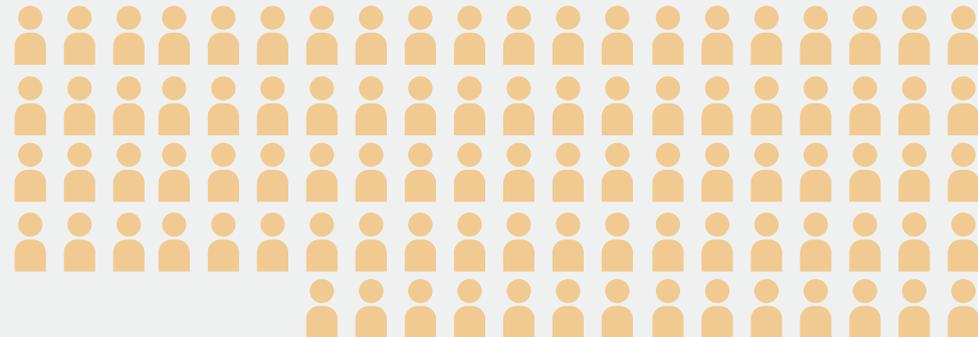
2013

8,014



2018

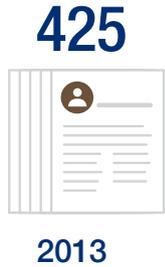
+73%



Where we were THEN & NOW

R01 Applicants

B/AA R01 Applicants

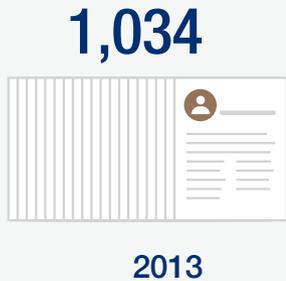


+29%

Proportion of all R01 Applicants



H/L R01 Applicants



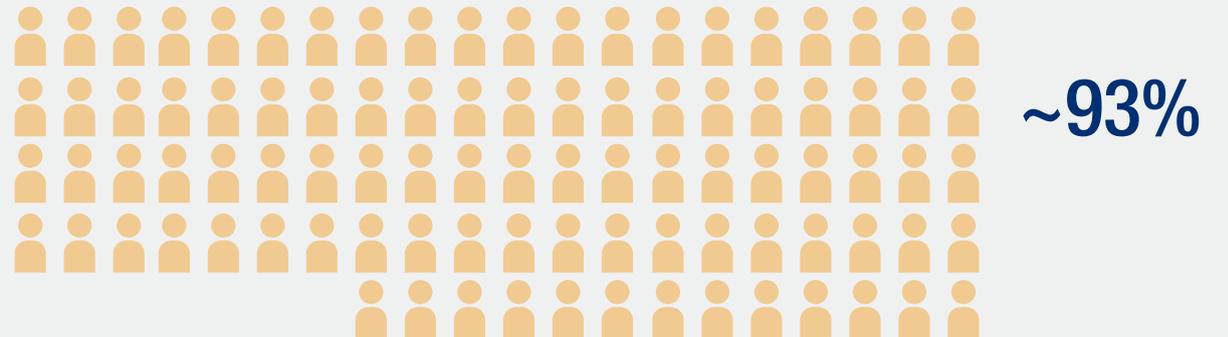
+32%



White + Asian R01 Applicants



+19%



Where we were THEN & NOW

K Awards

B/AA K Awards

26



2013

63



2018

+142%

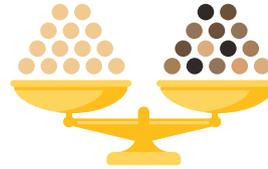
Funding Gap

2013



12% Gap

2018



No Gap

Proportion of all K Awards



~5.5%

H/L K Awards

54



2013

74



2018

+37%

2013



4% Gap

2018



No Gap



~6.5%

White + Asian K Awards

776



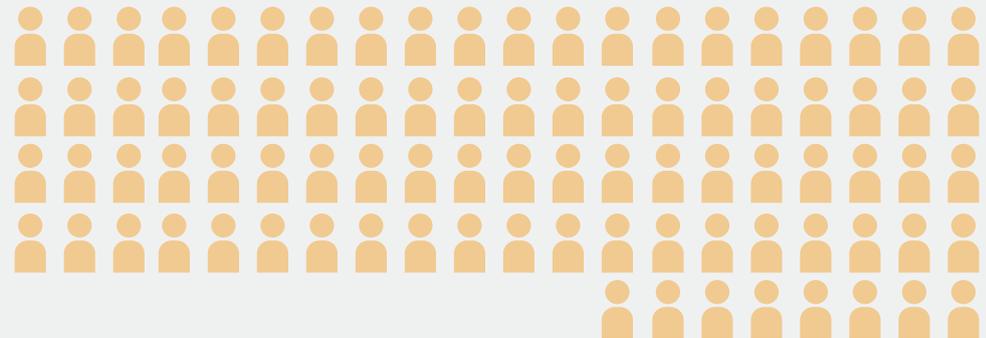
2013

991



2018

+28%



~88%

Where we were THEN & NOW

K Applicants

B/AA K Applicants

119



2013

185



2018

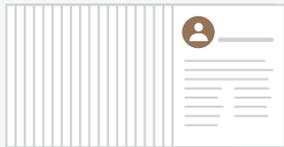
+55%

Proportion of all K Applicants



H/L K Applicants

181



2013

263



2018

+45%



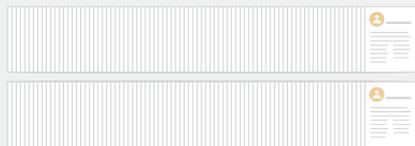
White + Asian K Applicants

2,442



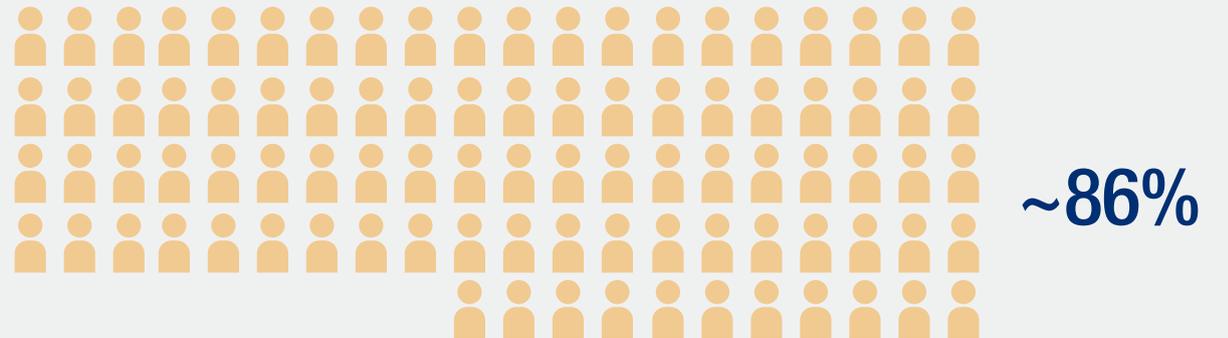
2013

2,841



2018

+16%



Where we were THEN & NOW

STEM PhDs (2000-2008 Data)



URM

7%



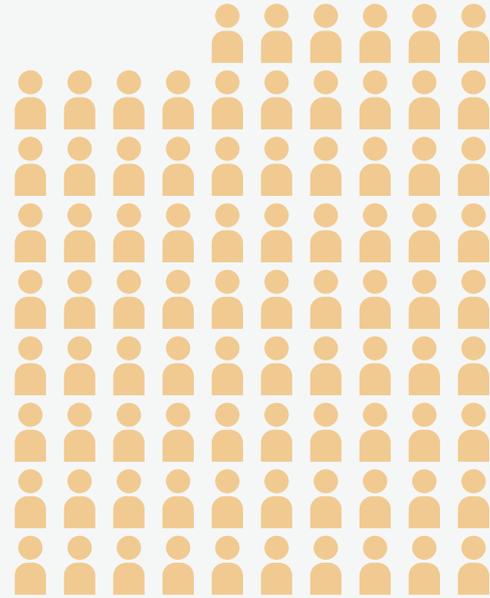
White + Asian

93%

STEM PhDs (2018 Data)



14%

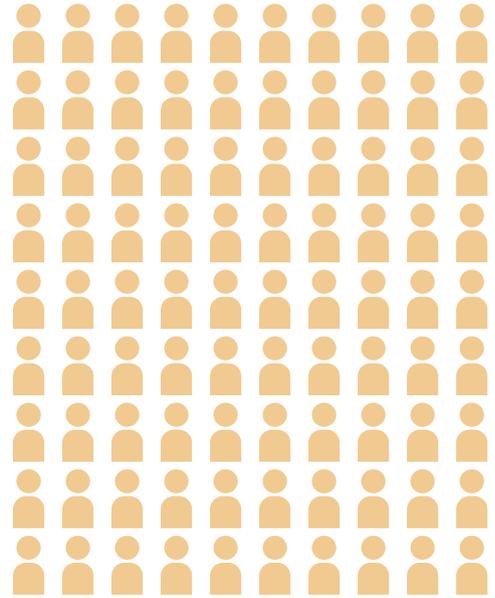


86%

Training Grants (2012 Data)



~10%

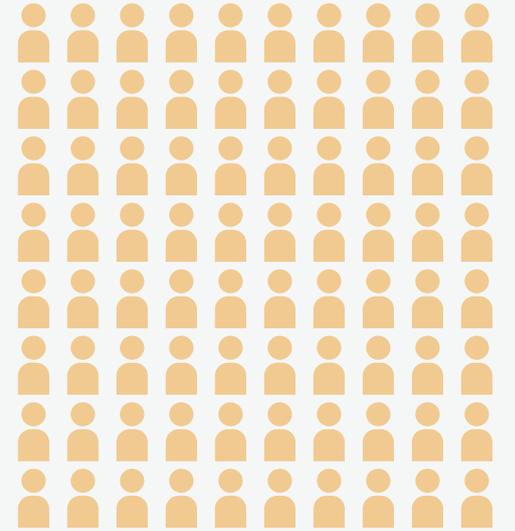


~90%

Training Grants (2018 Data)



~20%



~80%

Building the Future: NIH Diversity Program Consortium

\$500 Million Over 10 Years

BUILD

Building Infrastructure Leading to Diversity

2,500+
Students to date

Highly diverse
community of
students and
faculty



41%
Hispanic/Latinx



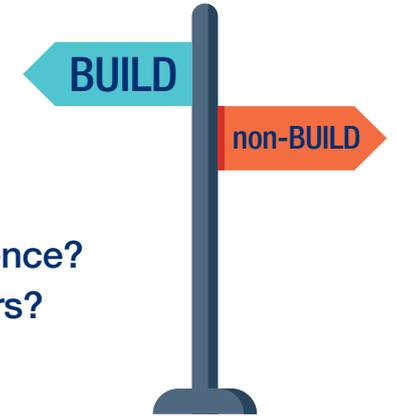
12% White



27%
Black/African
American

BUILD vs non-BUILD institutions:

- More STEM undergrads + grads?
- Increased science identity, persistence?
- More URMs choosing STEM careers?
- Impact of financial assistance?
- Impact of research experiences?



113 Institutions
Nationwide

BUILD institutions must have
< \$7.5 million NIH Research Grants,
> 25% undergrads on Pell Grants



Testing the Impact of:

- Stereotype threat
- Critical race theory
- Student entrepreneurship
- Living and learning communities

Building the Future: NIH Diversity Program Consortium

\$500 Million Over 10 Years

NRMN

National Research Mentoring Network

NRMN Service

- Mentor + Mentee Training
- Virtual Mentoring
- Professional Development
- MyNRMN Social Networking Platform
- Grant-Writing/Coaching



6 Grantwriting /
Coaching
Programs Across
the Nation



3,470
Mentors



5,690
Mentees

545 Highly Diverse
Participants



~1/3
Black/African American

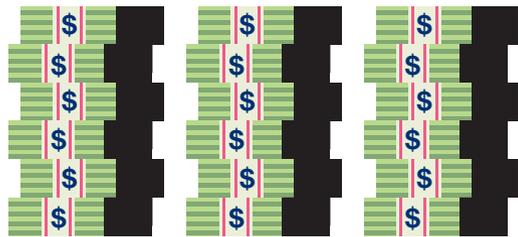


67%
Women



~1/5
Hispanic/Latinx

Awards to Grant-Writing Coaching Participants



152 Research Grants
(89 from NIH)
~\$65 Million



~3/4
Women



~3/4
URM

Majority are NIH R01 grants and
career-development awards

NRMN Research: New Funding for 2020-2024
Eleven research projects on science of mentoring, such as culturally aware mentoring, inclusive mentor networks, recruiting/retaining physician scientists, addressing microaggressions and impostor syndrome, peer- and inter-institutional mentoring, and more

Building the Future: NIH Diversity Program Consortium

\$500 Million Over 10 Years

CEC

Coordination & Evaluation Center

Collect & Analyze



Using Hallmarks of Success

that measure progress at three levels



Student



Faculty



Institution

Creating the Future: Transforming Institutional Culture

Scientific Workforce Diversity Toolkit

<https://diversity.nih.gov/toolkit>

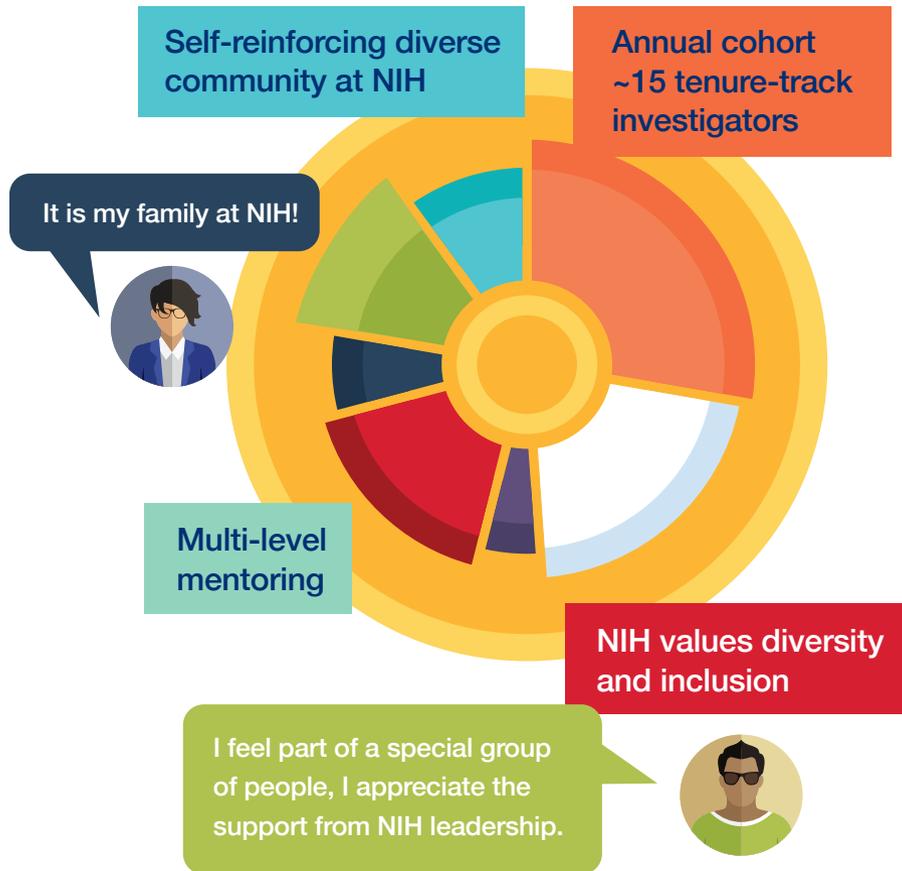


Transparency and Accountability



Creating the Future: Transforming Institutional Culture

Distinguished Scholars Program



2018 Cohort 13 Scholars

- 8 Female
- 2 Black/African American
- 5 Male
- 6 Hispanic/Latinx

2019 Cohort 15 Scholars

- 11 Female
- 4 Black/African American
- 4 Male
- 1 Hispanic/Latinx

Percentage of URM IRP Tenure-Track Investigators

