

NATIONAL SCIENCE BOARD



VISION 2030

YEAR 1 RETROSPECTIVE AND YEAR 2 PRIORITIES

NSB MEETING

AUGUST 4, 2021



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VISION 2030 – YEAR 1

CONTEXT



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VISION 2030 – YEAR 1

ROADMAP PRIORITIES

YEAR 1: PROGRESS

- Messaging successes
- Policy successes

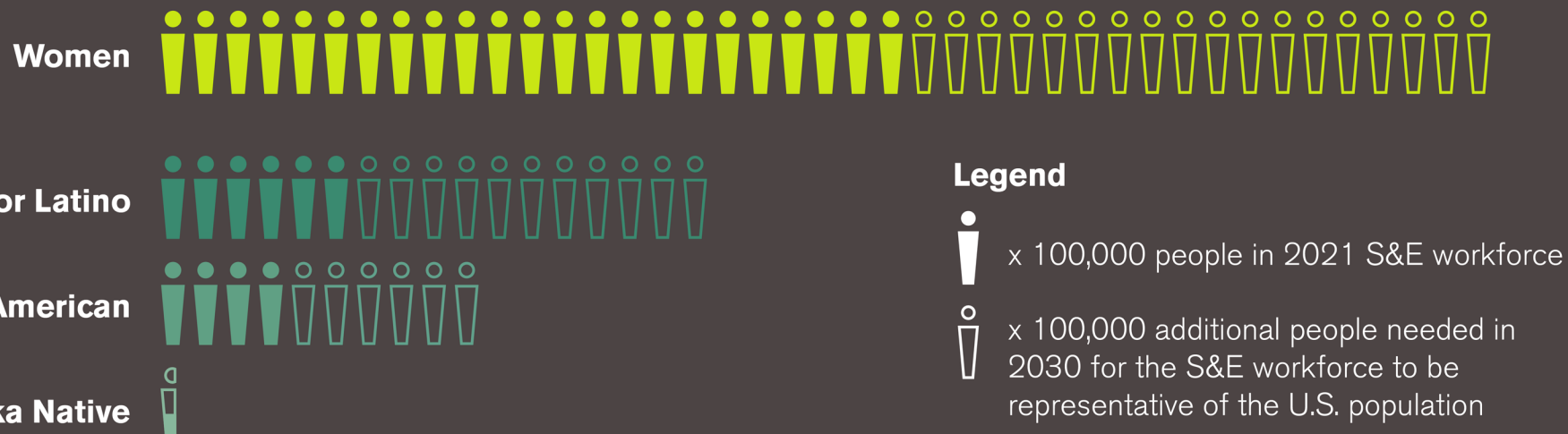


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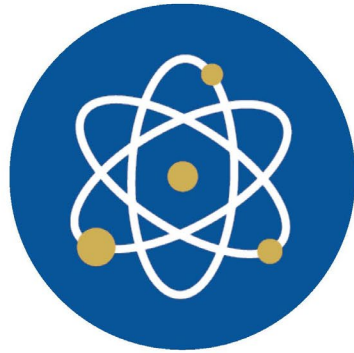


Missing Millions: Faster Progress in Increasing Diversity Needed to Reduce Significant Talent Gap



While the number of people from under-represented groups in the S&E workforce has grown over the past decade, much faster increases will be needed for the S&E workforce to be representative of the U.S. population in 2030. To achieve that goal, the NSB estimates that the number of women must nearly double, Hispanic or Latinos must triple, Black or African Americans must more than double, and the number of American Indian or Alaska Native S&E workers needs to quadruple (from 15,000 to 60,000). The NSB estimates that the number of Native Hawaiian or Other Pacific Islanders will be slightly overrepresented in the S&E workforce in 2030.

These estimates are based on projections from the U.S. Census and Bureau of Labor Statistics, together with data from the 2021 Women, Minorities, and Persons with Disabilities in Science and Engineering report published by the National Center for Science and Engineering Statistics and assume that participation of these groups in the S&E workforce increases at current rates.



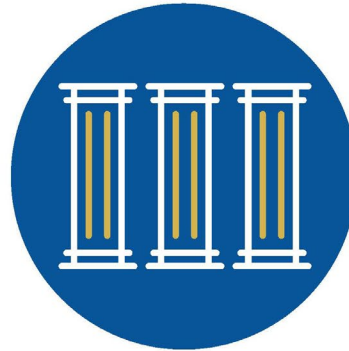
NSB Vision 2030

Research benefits

STEM talent

Geography of innovation

Global S&E community



NSF Vision

Advancing research

Accessibility and inclusivity

Global leadership

Translation, Innovation,
Partnerships (TIP)



Administration Pillars

Pandemic response

Economic recovery

Racial equity

Climate change



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VISION 2030 – YEAR 2

OPPORTUNITIES

YEAR 2: OPPORTUNITIES

- Administration priority on equity
- New TIP structure
- Interest in impact, evaluation and outcomes



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VISION 2030 – YEAR 2

ROADMAP PRIORITIES



**NSB Vision 2030 Roadmap:
Develop STEM
Talent for America**



NSB Vision 2030 Roadmap:

**Deliver Benefits
From Research**



**NSB Vision 2030 Roadmap:
Expand the Geography
of Innovation**

YEAR 2 – NSB FOCUS AREAS AND ACTIVITIES

- Ensuring that NSF has evidence-based strategies
- Being able to measure progress
- Engaging with the Director as NSF stands up the new TIP structure
- *Governance Role*
- *Advisor Role*



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YEAR 2 – NEXT STEPS

- Committee workplans



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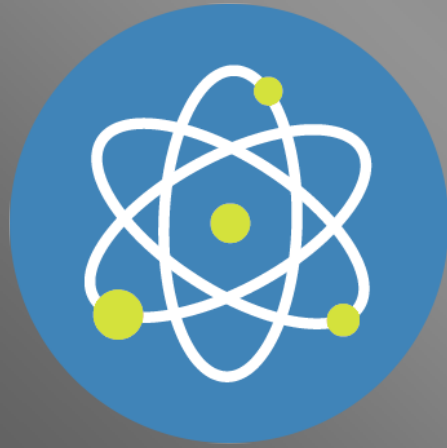




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THANK YOU!!!!



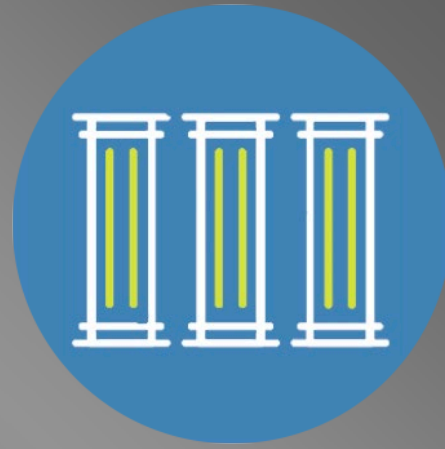
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