

Progress & Challenges of Pathway Programs

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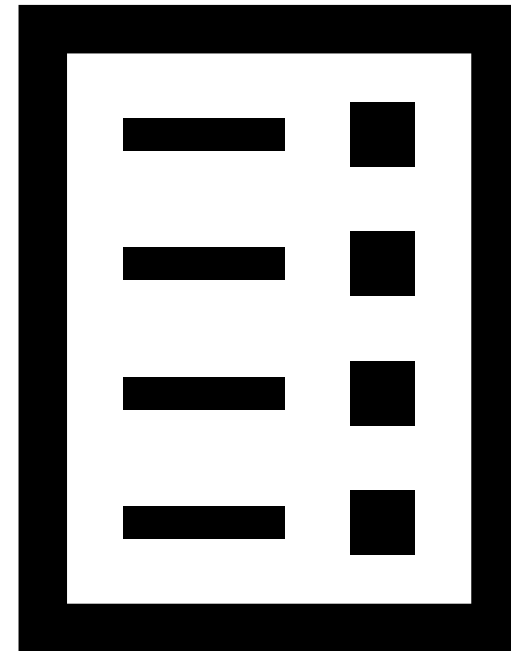
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- The need for pathways
- Pathways in education
- Progress
- Considerations
- Opportunities



Imbalanced landscape

Stem Careers

Race & Ethnicity

SES

Residence

Health access/care Disparity

Marginalized communities

Social Justice

Opportunities

US Population

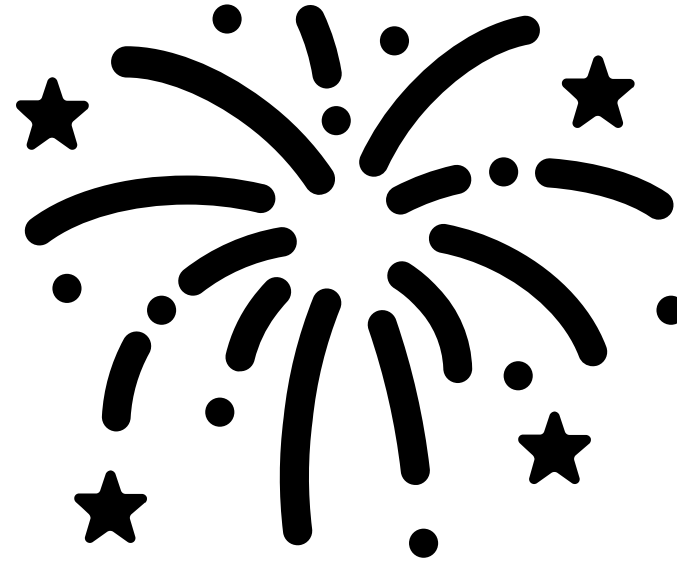


Pathways & Pipelines

- K-12
 - 50 (Institute for Broadening Participation)
 - 24.4% (AAMC MSQ 2022)
- Community College
 - 314 (Institute for Broadening Participation)
 - 33.9% (AAMC MSQ 2022)
- University
 - 600+ (Institute for Broadening Participation)
 - 33.9% (AAMC MSQ 2022)
- Medical School
 - Combined Baccalaureate MD
≈45
 - Post bacc & Masters
- Residency
 - Direct access

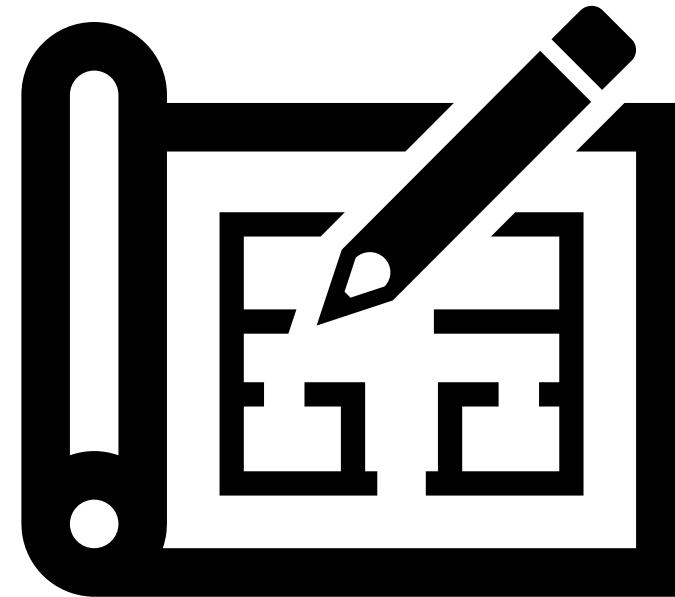
Progress

- Acknowledgement
- Community
- Skill development
- Graduate
- Specific needs are met



Considerations: Long term investments

- Mission
 - Global vs specific
- Funding
 - Teaching, student support, soft skills
- Staffing
- Tracked?
- Size
- Sampling



Opportunities

- Localized → National
- K-12 Teacher training → Inclusive science pedagogy
- Financial Support → Reliable & Federal
- Rigid → Fluid (location, specialty)
- Data → Link efforts to successes



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