



BLACK ERG



Bridging Gender, Innovation, and Opportunity Gaps to Middle School Girls in New Jersey



Let's Partner

Partnering
with JerseySTEM:

Empowers your
ERG to make a
lasting IMPACT!

Makes STEM
education
accessible to all

Together
we can:

Bridge education
in New Jersey
communities



Problem — Black Women's Underrepresentation in STEM

Early Exposure
and Barriers

K-12
Girls

- STEM Education for Women**
- STEM fields drive global innovation and economic growth
 - Black women significantly underrepresented across STEM careers
 - Systematic barriers, access disparities, retention, and leadership hinder STEM equity

- Many Black girls attend schools lacking robust STEM education
- Unconscious gender bias by teacher/parents

- Stereotypes portray STEM as "not-for-girls"
- Limited STEM extracurriculars and few female role models

STEM Degree
Gap

Higher
Education
Women

- 2.3% of Black women earned STEM degrees
- 2% in computer science | 1% in engineering
- More likely to come from lower-income backgrounds

- Lack of mentorship and fewer role models impact STEM career continuance
- Lack of extracurricular activities, internships, and advanced academic resources

Leadership &
Opportunity

Workforce
Women

- Black women account for ~8% of STEM workforce in U.S.
- 3.2% of Black women are in STEM disciplines
- Biases, and stereotypes affect STEM success

- < 1% of Fortune 500 women are STEM CEOs
- 50% leave STEM fields mid-career due to limited advancement opportunities

Sources: National Science Foundation, 2021; "Stereotype Threat and Women in STEM," Journal of Educational Psychology, 2020; National Center for Education Statistics, 2021; People of Color In Tech, Jan 2023



How You Can Help

Volunteer



Teach or help coordinate
our programs

Advertise



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Fund Raising



Support with a donation
of any kind



About JerseySTEM

MISSION

- Grassroots 501(c)3 nonprofit charitable and 100% volunteer organization
- Partners with socially responsible companies, their employees, and youth organizations
- Focused on hands-on, project-based problem solving, and critical thinking learning



Let's
Connect



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