

GOVERNOR'S STEM SCHOLARS

**THE GOVERNOR'S STEM SCHOLARS IS AN INNOVATIVE
PUBLIC-PRIVATE PARTNERSHIP AMONG THE:**

- RESEARCH & DEVELOPMENT COUNCIL OF NEW JERSEY
- NEW JERSEY OFFICE OF THE GOVERNOR
- NEW JERSEY DEPARTMENT OF EDUCATION
- NEW JERSEY OFFICE OF THE SECRETARY OF HIGHER EDUCATION
- STATE'S LEADING RESEARCH COMPANIES & HIGHER EDUCATION INSTITUTIONS



ABOUT THE GOVERNOR'S STEM SCHOLARS

The Governor's STEM Scholars engages the next generation of STEM leaders, high school and college students, in the state's innovation economy.

Providing our Scholars with connections, mentors, and relationships within the state's research community sets them on an academic and career path to become New Jersey's future STEM professionals and secures our state's talent pipeline.

**MAINTAINING THE STEM TALENT PIPELINE IS CRITICAL TO
CONTINUING NEW JERSEY'S POSITION AS AN INNOVATION LEADER.**

NEW JERSEY'S LEGACY



From Edison to Einstein, New Jersey has a rich history of innovation.



Known as the *Medicine Chest of the World*, New Jersey is home to 14 of the world's 20 largest pharmaceutical companies.



With more scientists and engineers per square mile than anywhere else in the world, New Jersey has the talent to continue to innovate.



www.govSTEMScholars.com



DISCOVER NJ'S STEM ECONOMY

Scholars gain a 360° view of New Jersey's STEM economy through four conferences.



STEM PROFESSIONALS NETWORKING

Scholars will network with the state's leading STEM professionals.



EXPLORE NJ STEM FACILITIES & LABS

Scholars will visit top STEM facilities and labs getting a look at cutting-edge research.



CONDUCT RESEARCH

Scholars will conduct a research/engineering design project that impacts their community.



CONNECT WITH STEM PEERS

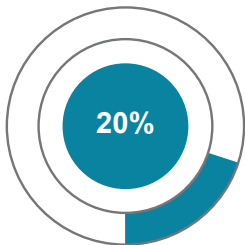
Scholars will join an elite network of young STEM professionals.



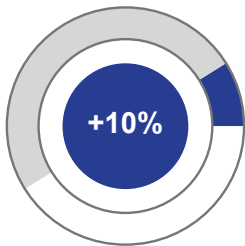
PREPARING A DIVERSE WORKFORCE

A diverse STEM workforce that mirrors New Jersey's rich diversity is imperative to ensure the state maintains a competitive edge in research and innovation.

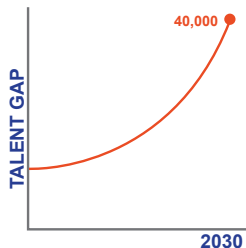
STEM CAREER NEEDS



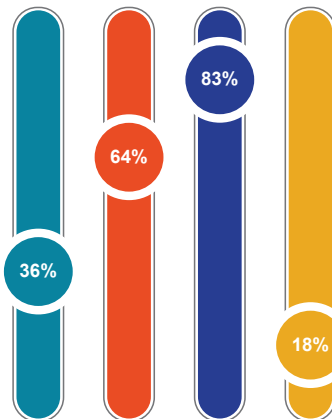
Nearly 20% of U.S. jobs require a high level of knowledge in a STEM field. *Smithsonian Science Education Center.*



The number of STEM jobs in the U.S. will grow by more than 10% by 2031. *U.S. Bureau of Labor Statistics.*



New Jersey's talent gap could grow to 400,000 by 2030. *McKinsey & Co.*



The 2023 class of Scholars, made up of 128 Scholars, is our most diverse yet with 64% being female, 83% being students of color, and 18% from low-income school districts.

MALE

FEMALE

BIPOC

LOW INCOME

PROGRAM IMPACT

+600 Alumni of the Governor's STEM Scholars

99% ALUMNI SCHOLARS PURSUE A STEM CAREER

93% SCHOLARS HAVE A HIGHER KNOWLEDGE OF STEM CAREERS

94% SCHOLARS HAVE HIGHER STEM ENGAGEMENT

90% SCHOLARS INCREASE THEIR CRITICAL THINKING SKILLS



The Governor's STEM Scholars is a program of the Research & Development Council of New Jersey.