

LEGISLATIVE FISCAL ESTIMATE:

No

VETO MESSAGE:

No

GOVERNOR'S PRESS RELEASE ON SIGNING:

Yes

FOLLOWING WERE PRINTED:

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REPORTS:

No

HEARINGS:

No

NEWSPAPER ARTICLES:

No

RH/CL

§§1,2
C.18A:3B-99 and
18A:3B-100
§3
Note

P.L. 2021, CHAPTER 239, *approved September 28, 2021*
Assembly, No. 1625 (*First Reprint*)

1 AN ACT establishing a STEM outreach program and supplementing
2 chapter 6 of Title 18A of the New Jersey Statutes.

3

4 **BE IT ENACTED** by the Senate and General Assembly of the State
5 of New Jersey:

6

7 1. The Legislature finds and declares that:

8 a. The science, technology, engineering, and mathematics
9 (STEM) field has become extremely important for the success of
10 the innovation economy both in New Jersey and the United States,
11 and STEM education is critical in developing a globally competitive
12 workforce in the 21st century.

13 b. Despite the increasing demand for workers with experience
14 in STEM, women and minority groups are largely underrepresented
15 in the STEM workforce and in STEM education at the post-
16 secondary level.

17 c. According to the National Science Foundation's Science and
18 Engineering Indicators for 2016, women comprised only 29 percent
19 of the science and engineering workforce, despite making up half of
20 the total college-educated workforce in the United States.

21 d. The gender gap in the national STEM workforce is also
22 evidenced in New Jersey as women made up only 25.1 percent of
23 the State's STEM workforce in October 2018, according to the New
24 Jersey Department of Labor and Workforce Development.

25 e. Although women comprise more than half of the nation's
26 college students, they are underrepresented in many STEM-related
27 post-secondary degree programs, especially in engineering and the
28 computer sciences.

29 f. Racial and ethnic minorities are similarly underrepresented
30 in the STEM field as Hispanics, blacks, and Native
31 Americans/Alaska Natives make up a smaller share of the science
32 and engineering workforce (11 percent) than their proportion in the
33 general population (27 percent of the United States working age 33
34 population).

35 g. In 2012, only 11.2 percent of bachelor's degrees in science
36 and engineering, 8.2 percent of master's degrees in science and

EXPLANATION – Matter enclosed in bold-faced brackets **[thus]** in the above bill is not enacted and is intended to be omitted in the law.

Matter underlined thus is new matter.

Matter enclosed in superscript numerals has been adopted as follows:

¹Senate SED committee amendments adopted January 14, 2021.

1 engineering, and 4.1 percent of doctorate degrees in science and
2 engineering were awarded to minority women.

3 h. Encouraging young women and minorities to pursue post-
4 secondary degrees and careers in STEM professions and increasing
5 opportunities in the STEM field are important means for realizing
6 greater economic innovation, success, and equality.

7
8 2. a. The Department of Education, in consultation with the
9 Office of the Secretary of Higher Education and the Commission on
10 Science, Innovation and Technology, shall develop and administer
11 an outreach program to encourage young women and minorities to
12 pursue post-secondary degrees and careers in science, technology,
13 engineering, and mathematics (STEM).

14 b. The department, in developing and administering the
15 outreach program, shall:

16 (1) provide elementary and secondary school students,
17 especially young women and minorities, with opportunities to
18 increase their exposure to the STEM field;

19 (2) distribute various printed materials to schools, encouraging
20 young women and minorities to pursue post-secondary degrees and
21 careers in STEM;

22 (3) organize and conduct mentoring sessions, in which
23 individuals working or pursuing a post-secondary degree in the
24 STEM field engage with elementary and secondary school students;

25 (4) establish a mentoring program that partners STEM
26 professionals and STEM post-secondary students with elementary
27 and secondary school students;

28 (5) create programs to increase the recruitment and retention of
29 underrepresented faculty in STEM subject areas; and

30 (6) undertake any other activities the Commissioner of
31 Education, in consultation with the Secretary of Higher Education
32 and the chair of the Commission on Science, Innovation and
33 Technology, deems necessary to effectuate the purposes of the
34 outreach program.

35 ¹For purposes of this act, STEM shall include, but not be limited
36 to, science, technology, engineering, mathematics, and computer
37 science.¹

38
39 3. This act shall take effect 30 days after enactment.
40
41

42 _____
43
44 Directs DOE to develop outreach program to encourage young
45 women and minorities to pursue post-secondary degrees and careers
46 in STEM.

CHAPTER 239

AN ACT establishing a STEM outreach program and supplementing chapter 6 of Title 18A of the New Jersey Statutes.

BE IT ENACTED *by the Senate and General Assembly of the State of New Jersey:*

C.18A:3B-99 Findings, declaration relative to STEM outreach program.

1. The Legislature finds and declares that:

a. The science, technology, engineering, and mathematics (STEM) field has become extremely important for the success of the innovation economy both in New Jersey and the United States, and STEM education is critical in developing a globally competitive workforce in the 21st century.

b. Despite the increasing demand for workers with experience in STEM, women and minority groups are largely underrepresented in the STEM workforce and in STEM education at the post-secondary level.

c. According to the National Science Foundation's Science and Engineering Indicators for 2016, women comprised only 29 percent of the science and engineering workforce, despite making up half of the total college-educated workforce in the United States.

d. The gender gap in the national STEM workforce is also evidenced in New Jersey as women made up only 25.1 percent of the State's STEM workforce in October 2018, according to the New Jersey Department of Labor and Workforce Development.

e. Although women comprise more than half of the nation's college students, they are underrepresented in many STEM-related post-secondary degree programs, especially in engineering and the computer sciences.

f. Racial and ethnic minorities are similarly underrepresented in the STEM field as Hispanics, blacks, and Native Americans/Alaska Natives make up a smaller share of the science and engineering workforce (11 percent) than their proportion in the general population (27 percent of the United States working age 33 population).

g. In 2012, only 11.2 percent of bachelor's degrees in science and engineering, 8.2 percent of master's degrees in science and engineering, and 4.1 percent of doctorate degrees in science and engineering were awarded to minority women.

h. Encouraging young women and minorities to pursue post-secondary degrees and careers in STEM professions and increasing opportunities in the STEM field are important means for realizing greater economic innovation, success, and equality.

C.18A:3B-100 Outreach program for young women and minorities to pursue degrees, careers in STEM.

2. a. The Department of Education, in consultation with the Office of the Secretary of Higher Education and the Commission on Science, Innovation and Technology, shall develop and administer an outreach program to encourage young women and minorities to pursue post-secondary degrees and careers in science, technology, engineering, and mathematics (STEM).

b. The department, in developing and administering the outreach program, shall:

(1) provide elementary and secondary school students, especially young women and minorities, with opportunities to increase their exposure to the STEM field;

(2) distribute various printed materials to schools, encouraging young women and minorities to pursue post-secondary degrees and careers in STEM;

(3) organize and conduct mentoring sessions, in which individuals working or pursuing a post-secondary degree in the STEM field engage with elementary and secondary school students;

(4) establish a mentoring program that partners STEM professionals and STEM post-secondary students with elementary and secondary school students;

(5) create programs to increase the recruitment and retention of underrepresented faculty in STEM subject areas; and

(6) undertake any other activities the Commissioner of Education, in consultation with the Secretary of Higher Education and the chair of the Commission on Science, Innovation and Technology, deems necessary to effectuate the purposes of the outreach program.

For purposes of this act, STEM shall include, but not be limited to, science, technology, engineering, mathematics, and computer science.

3. This act shall take effect 30 days after enactment.

Approved September 28, 2021.

ASSEMBLY, No. 1625

STATE OF NEW JERSEY

219th LEGISLATURE

PRE-FILED FOR INTRODUCTION IN THE 2020 SESSION

Sponsored by:

Assemblywoman PAMELA R. LAMPITT

District 6 (Burlington and Camden)

Assemblywoman MILA M. JASEY

District 27 (Essex and Morris)

Assemblywoman LINDA S. CARTER

District 22 (Middlesex, Somerset and Union)

Co-Sponsored by:

**Assemblywomen Mosquera, Vainieri Huttle, Assemblyman Mukherji,
Assemblywomen Timberlake, Pinkin, Reynolds-Jackson and
Assemblyman Benson**

SYNOPSIS

Directs DOE to develop outreach program to encourage young women and minorities to pursue post-secondary degrees and careers in STEM.

CURRENT VERSION OF TEXT

Introduced Pending Technical Review by Legislative Counsel.



(Sponsorship Updated As Of: 2/3/2020)

1 AN ACT establishing a STEM outreach program and supplementing
2 chapter 6 of Title 18A of the New Jersey Statutes.

3

4 **BE IT ENACTED** by the Senate and General Assembly of the State
5 of New Jersey:

6

7 1. The Legislature finds and declares that:

8 a. The science, technology, engineering, and mathematics
9 (STEM) field has become extremely important for the success of
10 the innovation economy both in New Jersey and the United States,
11 and STEM education is critical in developing a globally competitive
12 workforce in the 21st century.

13 b. Despite the increasing demand for workers with experience in
14 STEM, women and minority groups are largely underrepresented in
15 the STEM workforce and in STEM education at the post-secondary
16 level.

17 c. According to the National Science Foundation's Science and
18 Engineering Indicators for 2016, women comprised only 29 percent
19 of the science and engineering workforce, despite making up half of
20 the total college-educated workforce in the United States.

21 d. The gender gap in the national STEM workforce is also
22 evidenced in New Jersey as women made up only 25.1 percent of
23 the State's STEM workforce in October 2018, according to the New
24 Jersey Department of Labor and Workforce Development.

25 e. Although women comprise more than half of the nation's
26 college students, they are underrepresented in many STEM-related
27 post-secondary degree programs, especially in engineering and the
28 computer sciences.

29 f. Racial and ethnic minorities are similarly underrepresented
30 in the STEM field as Hispanics, blacks, and Native
31 Americans/Alaska Natives make up a smaller share of the science
32 and engineering workforce (11 percent) than their proportion in the
33 general population (27 percent of the United States working age 33
34 population).

35 g. In 2012, only 11.2 percent of bachelor's degrees in science
36 and engineering, 8.2 percent of master's degrees in science and
37 engineering, and 4.1 percent of doctorate degrees in science and
38 engineering were awarded to minority women.

39 h. Encouraging young women and minorities to pursue post-
40 secondary degrees and careers in STEM professions and increasing
41 opportunities in the STEM field are important means for realizing
42 greater economic innovation, success, and equality.

43

44 2. a. The Department of Education, in consultation with the
45 Office of the Secretary of Higher Education and the Commission on
46 Science, Innovation and Technology, shall develop and administer
47 an outreach program to encourage young women and minorities to

- 1 pursue post-secondary degrees and careers in science, technology,
2 engineering, and mathematics (STEM).
- 3 b. The department, in developing and administering the
4 outreach program, shall:
- 5 (1) provide elementary and secondary school students,
6 especially young women and minorities, with opportunities to
7 increase their exposure to the STEM field;
- 8 (2) distribute various printed materials to schools, encouraging
9 young women and minorities to pursue post-secondary degrees and
10 careers in STEM;
- 11 (3) organize and conduct mentoring sessions, in which
12 individuals working or pursuing a post-secondary degree in the
13 STEM field engage with elementary and secondary school students;
- 14 (4) establish a mentoring program that partners STEM
15 professionals and STEM post-secondary students with elementary
16 and secondary school students;
- 17 (5) create programs to increase the recruitment and retention of
18 underrepresented faculty in STEM subject areas; and
- 19 (6) undertake any other activities the Commissioner of
20 Education, in consultation with the Secretary of Higher Education
21 and the chair of the Commission on Science, Innovation and
22 Technology, deems necessary to effectuate the purposes of the
23 outreach program.
- 24
- 25 3. This act shall take effect 30 days after enactment.
- 26
- 27

28 STATEMENT

29

30 This bill directs the Department of Education (department), in
31 consultation with the Office of the Secretary of Higher Education
32 and the Commission on Science, Innovation and Technology, to
33 develop and administer an outreach program to encourage young
34 women and minorities to pursue post-secondary degrees and careers
35 in the science, technology, engineering, and mathematics (STEM)
36 field. In developing and administering the outreach program, the
37 department will, at a minimum: 1) provide elementary and
38 secondary school students, especially young women and minorities,
39 with opportunities to increase their exposure to the STEM field; 2)
40 distribute various printed materials to schools, encouraging young
41 women and minorities to pursue post-secondary degrees and careers
42 in STEM; 3) organize and conduct STEM mentoring sessions; 4)
43 establish a STEM mentoring program; and 5) create programs to
44 increase the recruitment and retention of underrepresented faculty
45 in STEM subject areas.

ASSEMBLY SCIENCE, INNOVATION AND TECHNOLOGY
COMMITTEE

STATEMENT TO

ASSEMBLY, No. 1625

STATE OF NEW JERSEY

DATED: AUGUST 10, 2020

The Assembly Science, Innovation and Technology Committee reports favorably Assembly Bill No. 1625.

As reported, this bill directs the Department of Education (department), in consultation with the Office of the Secretary of Higher Education and the Commission on Science, Innovation and Technology, to develop and administer an outreach program to encourage young women and minorities to pursue post-secondary degrees and careers in the science, technology, engineering, and mathematics (STEM) fields. In developing and administering the outreach program, the department is to, at a minimum: 1) provide elementary and secondary school students, especially young women and minorities, with opportunities to increase their exposure to the STEM fields; 2) distribute various printed materials to schools, encouraging young women and minorities to pursue post-secondary degrees and careers in the STEM fields; 3) organize and conduct STEM mentoring sessions; 4) establish a STEM mentoring program; and 5) create programs to increase the recruitment and retention of underrepresented faculty in STEM subject areas.

This bill was pre-filed for introduction in the 2020-2021 session pending technical review. As reported, the bill includes the changes required by technical review, which has been performed.

SENATE EDUCATION COMMITTEE

STATEMENT TO

ASSEMBLY, No. 1625

with committee amendments

STATE OF NEW JERSEY

DATED: JANUARY 14, 2021

The Senate Education Committee favorably reports Assembly Bill No. 1625 with committee amendments.

As amended, this bill directs the Department of Education (department), in consultation with the Office of the Secretary of Higher Education and the Commission on Science, Innovation and Technology, to develop and administer an outreach program to encourage young women and minorities to pursue post-secondary degrees and careers in the science, technology, engineering, and mathematics (STEM) fields. In developing and administering the outreach program, the department is to, at a minimum: 1) provide elementary and secondary school students, especially young women and minorities, with opportunities to increase their exposure to the STEM fields; 2) distribute various printed materials to schools, encouraging young women and minorities to pursue post-secondary degrees and careers in the STEM fields; 3) organize and conduct STEM mentoring sessions; 4) establish a STEM mentoring program; and 5) create programs to increase the recruitment and retention of underrepresented faculty in STEM subject areas. For purposes of this bill, the term STEM includes, but is not limited to, science, technology, engineering, mathematics, and computer science.

As amended and reported by the committee, this bill is identical to Senate Bill No. 2854, which also was amended and reported by the committee on this same date.

COMMITTEE AMENDMENTS:

The committee amended the bill to provide that STEM also includes computer science.

SENATE, No. 2854

STATE OF NEW JERSEY 219th LEGISLATURE

INTRODUCED AUGUST 27, 2020

Sponsored by:

Senator NELLIE POU

District 35 (Bergen and Passaic)

Senator LORETTA WEINBERG

District 37 (Bergen)

Co-Sponsored by:

Senator Turner

SYNOPSIS

Directs DOE to develop outreach program to encourage young women and minorities to pursue post-secondary degrees and careers in STEM.

CURRENT VERSION OF TEXT

As introduced.



(Sponsorship Updated As Of: 1/14/2021)

1 AN ACT establishing a STEM outreach program and supplementing
2 chapter 6 of Title 18A of the New Jersey Statutes.

3

4 **BE IT ENACTED** by the Senate and General Assembly of the State
5 of New Jersey:

6

7 1. The Legislature finds and declares that:

8 a. The science, technology, engineering, and mathematics
9 (STEM) field has become extremely important for the success of
10 the innovation economy both in New Jersey and the United States,
11 and STEM education is critical in developing a globally competitive
12 workforce in the 21st century.

13 b. Despite the increasing demand for workers with experience
14 in STEM, women and minority groups are largely underrepresented
15 in the STEM workforce and in STEM education at the post-
16 secondary level.

17 c. According to the National Science Foundation's Science and
18 Engineering Indicators for 2016, women comprised only 29 percent
19 of the science and engineering workforce, despite making up half of
20 the total college-educated workforce in the United States.

21 d. The gender gap in the national STEM workforce is also
22 evidenced in New Jersey as women made up only 25.1 percent of
23 the State's STEM workforce in October 2018, according to the New
24 Jersey Department of Labor and Workforce Development.

25 e. Although women comprise more than half of the nation's
26 college students, they are underrepresented in many STEM-related
27 post-secondary degree programs, especially in engineering and the
28 computer sciences.

29 f. Racial and ethnic minorities are similarly underrepresented
30 in the STEM field as Hispanics, blacks, and Native
31 Americans/Alaska Natives make up a smaller share of the science
32 and engineering workforce (11 percent) than their proportion in the
33 general population (27 percent of the United States working age 33
34 population).

35 g. In 2012, only 11.2 percent of bachelor's degrees in science
36 and engineering, 8.2 percent of master's degrees in science and
37 engineering, and 4.1 percent of doctorate degrees in science and
38 engineering were awarded to minority women.

39 h. Encouraging young women and minorities to pursue post-
40 secondary degrees and careers in STEM professions and increasing
41 opportunities in the STEM field are important means for realizing
42 greater economic innovation, success, and equality.

43

44 2. a. The Department of Education, in consultation with the
45 Office of the Secretary of Higher Education and the Commission on
46 Science, Innovation and Technology, shall develop and administer
47 an outreach program to encourage young women and minorities to

1 pursue post-secondary degrees and careers in science, technology,
2 engineering, and mathematics (STEM).

3 b. The department, in developing and administering the
4 outreach program, shall:

5 (1) provide elementary and secondary school students,
6 especially young women and minorities, with opportunities to
7 increase their exposure to the STEM field;

8 (2) distribute various printed materials to schools, encouraging
9 young women and minorities to pursue post-secondary degrees and
10 careers in STEM;

11 (3) organize and conduct mentoring sessions, in which
12 individuals working or pursuing a post-secondary degree in the
13 STEM field engage with elementary and secondary school students;

14 (4) establish a mentoring program that partners STEM
15 professionals and STEM post-secondary students with elementary
16 and secondary school students;

17 (5) create programs to increase the recruitment and retention of
18 underrepresented faculty in STEM subject areas; and

19 (6) undertake any other activities the Commissioner of
20 Education, in consultation with the Secretary of Higher Education
21 and the chair of the Commission on Science, Innovation and
22 Technology, deems necessary to effectuate the purposes of the
23 outreach program.

24

25 3. This act shall take effect 30 days after enactment.

26

27

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STATEMENT

29

30 As reported, this bill directs the Department of Education
31 (department), in consultation with the Office of the Secretary of
32 Higher Education and the Commission on Science, Innovation and
33 Technology, to develop and administer an outreach program to
34 encourage young women and minorities to pursue post-secondary
35 degrees and careers in the science, technology, engineering, and
36 mathematics (STEM) fields. In developing and administering the
37 outreach program, the department is to, at a minimum: 1) provide
38 elementary and secondary school students, especially young women
39 and minorities, with opportunities to increase their exposure to the
40 STEM fields; 2) distribute various printed materials to schools,
41 encouraging young women and minorities to pursue post-secondary
42 degrees and careers in the STEM fields; 3) organize and conduct
43 STEM mentoring sessions; 4) establish a STEM mentoring program;
44 and 5) create programs to increase the recruitment and retention of
45 underrepresented faculty in STEM subject areas.

46 This bill was pre-filed for introduction in the 2020-2021 session
47 pending technical review. As reported, the bill includes the changes
48 required by technical review, which has been performed.

SENATE EDUCATION COMMITTEE

STATEMENT TO

SENATE, No. 2854

with committee amendments

STATE OF NEW JERSEY

DATED: JANUARY 14, 2021

The Senate Education Committee favorably reports Senate Bill No. 2854 with committee amendments.

As amended, this bill directs the Department of Education (department), in consultation with the Office of the Secretary of Higher Education and the Commission on Science, Innovation and Technology, to develop and administer an outreach program to encourage young women and minorities to pursue post-secondary degrees and careers in the science, technology, engineering, and mathematics (STEM) fields. In developing and administering the outreach program, the department is to, at a minimum: 1) provide elementary and secondary school students, especially young women and minorities, with opportunities to increase their exposure to the STEM fields; 2) distribute various printed materials to schools, encouraging young women and minorities to pursue post-secondary degrees and careers in the STEM fields; 3) organize and conduct STEM mentoring sessions; 4) establish a STEM mentoring program; and 5) create programs to increase the recruitment and retention of underrepresented faculty in STEM subject areas. For purposes of this bill, the term STEM includes, but is not limited to, science, technology, engineering, mathematics, and computer science.

As amended and reported by the committee, this bill is identical to Assembly Bill No. 1625, which also was amended and reported by the committee on this same date.

COMMITTEE AMENDMENTS:

The committee amended the bill to provide that STEM also includes computer science.

Governor Murphy Takes Action on Legislation

09/28/2021

Governor Murphy Takes Action on Legislation

TRENTON – Today, Governor Murphy signed the following bills into law:

S-381/A-720 (Weinberg, Greenstein/Johnson, Mosquera, Vainieri Huttle) – Establishes supervised community reintegration program for certain victims of domestic violence.

ACS for A-970/SCS for S-2259 (Conaway, Lampitt, Murphy/Singleton, Ruiz) – Establishes Mental Health Screening in Schools Grant Program in DOE; appropriates \$1 million.

A-1178/S-898 (Zwicker, DePhillips, DeCroce/Cryan, Pou) – Permits corporations to use blockchain technology for certain recordkeeping requirements.

A-1625/S-2854 (Lampitt, Jasey, Carter/Pou, Weinberg) – Directs DOE to develop outreach program to encourage young women and minorities to pursue post-secondary degrees and careers in STEM.

A-2765/S-1838 (Houghtaling, Dancer, Murphy/Greenstein, Oroho) – Changes designation on official State logo denoting manufacture of products in New Jersey.

A-3123/S-2059 (DeAngelo, Murphy, Moen/Beach, Pennacchio) – Allows veteran or personal representative to withdraw honorable discharge papers from county clerk.