

AMENDMENT TO H.R. 6291
OFFERED BY MR. BOWMAN OF NEW YORK

Page 2, after line 20, insert the following (and re-designate the subsequent paragraph accordingly):

1 (7) SKILLED TECHNICAL WORKFORCE.—The
2 term “skilled technical workforce” has the meaning
3 given such term in section 4(b) of the Innovations
4 in Mentoring, Training, and Apprenticeships Act (42
5 U.S.C. 1862p).

Page 6, strike lines 21 through 25 and insert the following (and redesignate subsequent subsections accordingly):

6 (e) WORKFORCE DEVELOPMENT.—In carrying out
7 the program under subsection (a), the Secretary shall sup-
8 port—

9 (1) workforce development through the existing
10 authorities and mechanisms available to the Depart-
11 ment, including internships, fellowships, individual
12 investigator grants, and other activities the Sec-
13 retary deems appropriate; and

14 (2) education and outreach activities to dissemi-
15 nate information and promote understanding of

1 microelectronics and related fields among students
2 at K-12, undergraduate, and graduate levels. Such
3 activities may include educational programming with
4 an emphasis on experiential and project-based learn-
5 ing. The Secretary shall consult with the Director of
6 the National Science Foundation on activities car-
7 ried out this paragraph.

8 (f) OUTREACH.—In carrying out activities under sub-
9 section (e), the Secretary shall ensure program outreach
10 to recruit applicants and engage participants from all re-
11 gions of the country, especially underserved communities
12 and groups historically underrepresented in STEM.

Page 11, after line 19, insert the following (and re-
designate the subsequent subsection accordingly):

13 (e) WORKFORCE DEVELOPMENT.—Centers estab-
14 lished under this section shall support workforce develop-
15 ment through—

16 (1) incorporation of undergraduate students,
17 postdoctoral fellows, graduate students, and early
18 career researchers, as well as K-12 students through
19 opportunities such as dual-enrollment programs and
20 work-based learning programs, as applicable;

21 (2) hand-on research and equipment training
22 programs;

1 (3) technical training and certificate programs
2 for the skilled technical workforce;

3 (4) facilitation of engagement between aca-
4 demic, industry, and laboratory researchers; and

5 (5) public outreach activities, including to stu-
6 dents at K-12, undergraduate, and graduate levels.

7 Such activities may include educational program-
8 ming with an emphasis on experiential and project-
9 based learning.

10 (f) OUTREACH.—In carrying out activities under sub-
11 section (e), the Secretary shall ensure program outreach
12 to recruit applicants and engage participants from all re-
13 gions of the country, especially underserved communities
14 and groups historically underrepresented in STEM.

