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

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

(7) Skilled Technical Workforce.—The term “skilled technical workforce” has the meaning given such term in section 4(b) of the Innovations in Mentoring, Training, and Apprenticeships Act (42 U.S.C. 1862p).

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

(e) Workforce Development.—In carrying out the program under subsection (a), the Secretary shall support—

(1) workforce development through the existing authorities and mechanisms available to the Department, including internships, fellowships, individual investigator grants, and other activities the Secretary deems appropriate; and

(2) education and outreach activities to disseminate information and promote understanding of
microelectronics and related fields among students
at K-12, undergraduate, and graduate levels. Such
activities may include educational programming with
an emphasis on experiential and project-based learn-
ing. The Secretary shall consult with the Director of
the National Science Foundation on activities car-
ried out this paragraph.

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

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

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

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

(2) hand-on research and equipment training
programs;
(3) technical training and certificate programs for the skilled technical workforce;

(4) facilitation of engagement between academic, industry, and laboratory researchers; and

(5) public outreach activities, including to students at K-12, undergraduate, and graduate levels. Such activities may include educational programming with an emphasis on experiential and project-based learning.

(f) OUTREACH.—In carrying out activities under subsection (e), the Secretary shall ensure program outreach to recruit applicants and engage participants from all regions of the country, especially underserved communities and groups historically underrepresented in STEM.