

Revised 70

**AMENDMENT TO H.R. 5116, AS REPORTED
OFFERED BY MR. GORDON OF TENNESSEE**

Page 94, line 10, strike “in the research” and insert
“in research on the topic”.

Page 102, lines 1 through 9, section 243 is amended
to read as follows:

1 **SEC. 243. ROBERT NOYCE TEACHER SCHOLARSHIP PRO-**
2 **GRAM.**

3 Section 10A(h)(1) of the National Science Founda-
4 tion Authorization Act of 2002 (42 U.S.C. 1862n-
5 1a(h)(1)) is amended to read as follows:

6 “(1) IN GENERAL.—An eligible entity receiving
7 a grant under this section shall provide, from non-
8 Federal sources, to carry out the activities supported
9 by the grant—

10 “(A) in the case of grants in an amount of
11 less than \$1,500,000, an amount equal to at
12 least 30 percent of the amount of the grant, at
13 least one half of which shall be in cash; and

14 “(B) in the case of grants in an amount of
15 \$1,500,000 or more, an amount equal to at

1 least 50 percent of the amount of the grant, at
2 least one half of which shall be in cash.”.

Page 123, line 13, strike “10 or more undergraduate STEM students” and insert “6 or more undergraduate STEM students for sites designated at primarily undergraduate institutions of higher education and 10 or more undergraduate STEM students for all other sites”.

Page 126, line 9, insert “, except for institutions of higher education” after “private sector entities”.

Page 131, lines 17 and 18, strike “teachers, administrators, local education agencies” and insert “teachers and administrators in both public and private schools, local educational agencies”.

Page 135, line 13, strike “and”.

Page 135, line 14, insert “and” after the semicolon.

Page 135, after line 14, insert the following new clause:

3 “(ix) carbon capture and sequestra-
4 tion science and engineering;”.

Page 174, after line 13, insert the following:

1 **SEC. 412. REPORT ON THE USE OF MODELING AND SIMULA-**
2 **TION.**

3 (a) **IN GENERAL.**—Within 1 year after the date of
4 enactment of this Act, the Director shall submit a report
5 to Congress examining the use of high-performance com-
6 putational modeling and simulation by small- and me-
7 dium-sized manufacturers.

8 (b) **SPECIFIC REQUIREMENTS.**—Such report shall in-
9 clude the following:

10 (1) An assessment of the current utilization of
11 high-performance computational modeling and sim-
12 ulation by small- and medium-sized manufacturers.

13 (2) An examination of any barriers or chal-
14 lenges to the use of high-performance computational
15 modeling and simulation by small- and medium-sized
16 manufacturers, including—

17 (A) access to high-performance computing
18 facilities and resources;

19 (B) the availability of software and other
20 applications tailored to meet the needs of such
21 manufacturers;

22 (C) appropriate expertise and training; and

23 (D) the availability of tools and other
24 methods to understand and manage the costs
25 and risks associated with transitioning to the
26 use of computational modeling and simulation.

1 (3) Recommendations for addressing any bar-
2 riers or challenges identified in paragraph (2) and,
3 if appropriate, suggestions for action that the Fed-
4 eral Government may take to foster the development
5 and utilization of high-performance computing re-
6 sources by small- and medium-sized manufacturers.

7 (c) CONSULTATION.—In carrying out this section, the
8 Director shall consult with the Office of Science and Tech-
9 nology Policy and with other relevant Federal agencies.

Page 175, line 16, strike “and advocating”.

Page 180, strike line 13 and all that follows through
line 20 and insert the following:

10 “(3) NOTIFICATION.—If the borrower defaults
11 on an obligation, the Secretary shall notify the At-
12 torney General of the default.”.

Page 184, line 8, strike “ANNUAL” and insert
“COMPTROLLER GENERAL”.

Page 184, line 8, strike “The Comptroller General”
and insert “The Comptroller General of the United
States”.

Page 184, line 9, strike “an annual” and insert “a
biennial”.

Page 194, strike line 20 and all that follows through page 195, line 6, and insert the following:

1 “(f) DEFINITIONS.—In this section:

2 “(1) REGIONAL INNOVATION CLUSTER.—The
3 term ‘regional innovation cluster’ means a geo-
4 graphically bounded network of similar, synergistic,
5 or complementary entities that—

6 “(A) are engaged in or with a particular
7 industry sector;

8 “(B) have active channels for business
9 transactions and communication;

10 “(C) share specialized infrastructure, labor
11 markets, and services; and

12 “(D) leverage the region’s unique competi-
13 tive strengths to stimulate innovation and cre-
14 ate jobs.

15 “(2) STATE.—The term ‘State’ means one of
16 the several States, the District of Columbia, the
17 Commonwealth of Puerto Rico, the Virgin Islands,
18 Guam, American Samoa, the Commonwealth of the
19 Northern Mariana Islands, or any other territory or
20 possession of the United States.

Page 198, lines 13 and 14, strike “Department of Energy” and insert “Office of Science”.

Page 219, lines 7 and 8, strike “Director” and insert “Secretary”.

Page 229, line 7, strike “shall” and insert “may”.

Page 231, lines 13 through 17, amend subparagraph (F) to read as follows:

1 (F) in paragraph (3)(B), as so redesignig-
2 nated by subparagraph (A) of this paragraph,
3 by striking “not less than 70, and not more
4 than 120,” and inserting “not more than 120”;
5 and

Page 232, line 1, strike “managers” and insert “directors”.

Page 238, line 24, insert “In selecting consortia, the Secretary shall consider the information a consortium must disclose according to subsection (b), as well as any existing facilities a consortium will provide for Hub activities.” after “selection processes.”.

Page 245, lines 12 through 24, amend section 702 to read as follows:

6 SEC. 702. PERSONS WITH DISABILITIES.

7 For the purposes of the activities and programs sup-
8 ported by this Act and the amendments made by this
9 Act—

1 (1) institutions of higher education chartered to
2 serve large numbers of students with disabilities, in-
3 cluding Gallaudet University, Landmark College,
4 and the National Technical Institute for the Deaf,
5 and institutions of higher education offering science,
6 technology, engineering, and mathematics research
7 and education activities and programs that serve
8 veterans with disabilities, shall receive special consid-
9 eration in the review of any proposals by these insti-
10 tutions for funding under the research and edu-
11 cation programs authorized in this Act to ensure
12 that institutions of higher education chartered to or
13 serving persons with disabilities benefit from such
14 research and education activities and programs; and
15 (2) agencies with respect to which appropria-
16 tions are authorized under this Act shall also con-
17 duct outreach to veterans with disabilities pursuing
18 studies in science, technology, engineering, and
19 mathematics to ensure that such veterans are aware
20 of and benefit from the research and education ac-
21 tivities and programs authorized by this Act.

Page 246, after line 8, insert the following new sec-
tions:

1 **SEC. 704. BUDGETARY EFFECTS.**

2 The budgetary effects of this Act, for the purpose of
3 complying with the Statutory Pay-As-You-Go-Act of 2010,
4 shall be determined by reference to the latest statement
5 titled "Budgetary Effects of PAYGO Legislation" for this
6 Act, submitted for printing in the Congressional Record
7 by the Chairman of the House Budget Committee, pro-
8 vided that such statement has been submitted prior to the
9 vote on passage.

10 **SEC. 705. LIMITATION.**

11 No funds authorized under this Act shall be used for
12 the employment of, or shall be received by, any individual
13 who has been convicted of, or pleaded guilty to, a crime
14 of child molestation, rape, or any other form of sexual as-
15 sault.

16 **SEC. 706. PROHIBITION ON LOBBYING.**

17 Nothing in this Act shall be construed to supercede
18 section 1913 of title 18, United States Code.

