

114TH CONGRESS
1ST SESSION

S. 747

To prioritize funding for an expanded and sustained national investment
in basic science research.

IN THE SENATE OF THE UNITED STATES

MARCH 16, 2015

Mr. DURBIN introduced the following bill; which was read twice and referred
to the Committee on the Budget

A BILL

To prioritize funding for an expanded and sustained national
investment in basic science research.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “American Innovation
5 Act”.

6 **SEC. 2. CAP ADJUSTMENT.**

7 (a) IN GENERAL.—Section 251(b)(2) of the Balanced
8 Budget and Emergency Deficit Control Act of 1985 (2
9 U.S.C. 901(b)(2)) is amended—

1 (1) by redesignating subparagraph (D) as sub-
2 paragraph (E); and

3 (2) by inserting after subparagraph (C), the fol-
4 lowing:

5 “(D) BASIC SCIENCE RESEARCH.—

6 “(i) NATIONAL SCIENCE FOUNDA-
7 TION.—If a bill or joint resolution making
8 appropriations for a fiscal year is enacted
9 that specifies amounts for the National
10 Science Foundation, then the adjustments
11 for that fiscal year shall be the amount of
12 additional new budget authority provided
13 in that Act for such programs for that fis-
14 cal year, but shall not exceed—

15 “(I) for fiscal year 2016,
16 \$397,000,000 in additional new budg-
17 et authority;

18 “(II) for fiscal year 2017,
19 \$831,000,000 in additional new budg-
20 et authority;

21 “(III) for fiscal year 2018,
22 \$1,275,000,000 in additional new
23 budget authority;

1 “(IV) for fiscal year 2019,
2 \$1,765,000,000 in additional new
3 budget authority;

4 “(V) for fiscal year 2020,
5 \$2,290,000,000 in additional new
6 budget authority; and

7 “(VI) for fiscal year 2021,
8 \$2,867,000,000 in additional new
9 budget authority.

10 “(ii) DEPARTMENT OF ENERGY OF-
11 FICE OF SCIENCE.—If a bill or joint reso-
12 lution making appropriations for a fiscal
13 year is enacted that specifies amounts for
14 the Office of Science of the Department of
15 Energy, then the adjustments for that fis-
16 cal year shall be the amount of additional
17 new budget authority provided in that Act
18 for such programs for that fiscal year, but
19 shall not exceed—

20 “(I) for fiscal year 2016,
21 \$275,000,000 in additional new budg-
22 et authority;

23 “(II) for fiscal year 2017,
24 \$566,000,000 in additional new budg-
25 et authority;

1 “(III) for fiscal year 2018,
2 \$867,000,000 in additional new budg-
3 et authority;

4 “(IV) for fiscal year 2019,
5 \$1,198,000,000 in additional new
6 budget authority;

7 “(V) for fiscal year 2020,
8 \$1,555,000,000 in additional new
9 budget authority; and

10 “(VI) for fiscal year 2021,
11 \$1,946,000,000 in additional new
12 budget authority.

13 “(iii) DEPARTMENT OF DEFENSE
14 SCIENCE AND TECHNOLOGY PROGRAMS.—
15 If a bill or joint resolution making appro-
16 priations for a fiscal year is enacted that
17 specifies amounts for the Department of
18 Defense science and technology programs,
19 then the adjustments for that fiscal year
20 shall be the amount of additional new
21 budget authority provided in that Act for
22 such programs for that fiscal year, but
23 shall not exceed—

1 “(I) for fiscal year 2016,
2 \$636,000,000 in additional new budg-
3 et authority;

4 “(II) for fiscal year 2017,
5 \$1,309,000,000 in additional new
6 budget authority;

7 “(III) for fiscal year 2018,
8 \$2,007,000,000 in additional new
9 budget authority;

10 “(IV) for fiscal year 2019,
11 \$2,773,000,000 in additional new
12 budget authority;

13 “(V) for fiscal year 2020,
14 \$3,603,000,000 in additional new
15 budget authority; and

16 “(VI) for fiscal year 2021,
17 \$4,512,000,000 in additional new
18 budget authority.

19 “(iv) NATIONAL INSTITUTE OF
20 STANDARDS AND TECHNOLOGY SCIENTIFIC
21 AND TECHNICAL RESEARCH AND SERV-
22 ICES.—If a bill or joint resolution making
23 appropriations for a fiscal year is enacted
24 that specifies amounts for the Scientific
25 and Technical Research and Services with-

1 in the National Institute of Standards and
2 Technology of the Department of Com-
3 merce, then the adjustments for that fiscal
4 year shall be the amount of additional new
5 budget authority provided in that Act for
6 such programs for that fiscal year, but
7 shall not exceed—

8 “(I) for fiscal year 2016,
9 \$31,000,000 in additional new budget
10 authority;

11 “(II) for fiscal year 2017,
12 \$62,000,000 in additional new budget
13 authority;

14 “(III) for fiscal year 2018,
15 \$96,000,000 in additional new budget
16 authority;

17 “(IV) for fiscal year 2019,
18 \$132,000,000 in additional new budg-
19 et authority;

20 “(V) for fiscal year 2020,
21 \$173,000,000 in additional new budg-
22 et authority; and

23 “(VI) for fiscal year 2021,
24 \$216,000,000 in additional new budg-
25 et authority.

1 “(v) NATIONAL AERONAUTICS AND
2 SPACE ADMINISTRATION SCIENCE DIREC-
3 TORATE.—If a bill or joint resolution mak-
4 ing appropriations for a fiscal year is en-
5 acted that specifies amounts for the
6 Science Mission Directorate of the Na-
7 tional Aeronautics and Space Administra-
8 tion, then the adjustments for that fiscal
9 year shall be the amount of additional new
10 budget authority provided in that Act for
11 such program for that fiscal year, but shall
12 not exceed—

13 “(I) for fiscal year 2016,
14 \$267,000,000 in additional new budg-
15 et authority;

16 “(II) for fiscal year 2017,
17 \$559,000,000 in additional new budg-
18 et authority;

19 “(III) for fiscal year 2018,
20 \$876,000,000 in additional new budg-
21 et authority;

22 “(IV) for fiscal year 2019,
23 \$1,222,000,000 in additional new
24 budget authority;

1 “(V) for fiscal year 2020,
2 \$1,598,000,000 in additional new
3 budget authority; and

4 “(VI) for fiscal year 2021,
5 \$2,006,000,000 in additional new
6 budget authority.

7 “(vi) DEFINITIONS.—As used in this
8 subparagraph:

9 “(I) ADDITIONAL NEW BUDGET
10 AUTHORITY.—The term ‘additional
11 new budget authority’ means—

12 “(aa) with respect to the
13 National Science Foundation, the
14 amount provided for a fiscal
15 year, in excess of the amount
16 provided in fiscal year 2015, in
17 an appropriation Act and speci-
18 fied to support the National
19 Science Foundation;

20 “(bb) with respect to the
21 Department of Energy Office of
22 Science, the amount provided for
23 a fiscal year, in excess of the
24 amount provided in fiscal year
25 2015, in an appropriation Act

1 and specified to support the De-
2 partment of Energy Office of
3 Science;

4 “(cc) with respect to the De-
5 partment of Defense Science and
6 Technology Programs, the
7 amount provided for a fiscal
8 year, in excess of the amount
9 provided in fiscal year 2015, in
10 an appropriation Act and speci-
11 fied to support the Department
12 of Defense Science and Tech-
13 nology Programs;

14 “(dd) with respect to the
15 National Institute of Standards
16 and Technology Scientific and
17 Technical Research Services, the
18 amount provided for a fiscal
19 year, in excess of the amount
20 provided in fiscal year 2015, in
21 an appropriation Act and speci-
22 fied to support the National In-
23 stitute of Standards and Tech-
24 nology Scientific and Technical
25 Research Services; and

1 “(ee) with respect to the
2 National Aeronautics and Space
3 Administration Science Direc-
4 torate, the amount provided for a
5 fiscal year, in excess of the
6 amount provided in fiscal year
7 2015, in an appropriation Act
8 and specified to support the Na-
9 tional Aeronautics and Space Ad-
10 ministration Science Directorate.

11 “(II) NATIONAL SCIENCE FOUN-
12 DATION.—The term ‘National Science
13 Foundation’ means the appropriations
14 accounts that support the various in-
15 stitutes, offices, and centers that
16 make up the National Science Foun-
17 dation.

18 “(III) DEPARTMENT OF ENERGY
19 OFFICE OF SCIENCE.—The term ‘De-
20 partment of Energy Office of Science’
21 means the appropriations accounts
22 that support the various institutes, of-
23 fices, and centers that make up the
24 Department of Energy Office of
25 Science.

1 “(IV) DEPARTMENT OF DE-
2 FENSE SCIENCE AND TECHNOLOGY
3 PROGRAMS.—The term ‘Department
4 of Defense Science and Technology
5 programs’ means the appropriations
6 accounts that support the various in-
7 stitutes, offices, and centers that
8 make up the Department of Defense
9 Science and Technology programs.

10 “(V) NATIONAL INSTITUTE OF
11 STANDARDS AND TECHNOLOGY SCI-
12 ENTIFIC AND TECHNICAL RESEARCH
13 AND SERVICES.—The term ‘National
14 Institute of Standards and Tech-
15 nology Scientific and Technical Re-
16 search and Services’ means the appro-
17 priations accounts that support the
18 various institutes, offices, and centers
19 that make up the National Institute
20 of Standards and Technology Sci-
21 entific and Technical Research and
22 Services.

23 “(VI) NATIONAL AERONAUTICS
24 AND SPACE ADMINISTRATION SCIENCE
25 DIRECTORATE.—The term ‘National

1 Aeronautics and Space Administration
2 Science Directorate’ means the appro-
3 priations accounts that support the
4 various institutes, offices, and centers
5 that make up the National Aero-
6 nautics and Space Administration
7 Science Directorate.”.

8 (b) FUNDING.—There are hereby authorized to be
9 appropriated—

10 (1) for the National Science Foundation, the
11 amounts provided for under clause (i) of such sec-
12 tion 251(b)(2)(D) in each of fiscal years 2016
13 through 2021, and such sums as may be necessary
14 for each subsequent fiscal year;

15 (2) for the Department of Energy Office of
16 Sciences, the amounts provided for under clause (ii)
17 of such section 251(b)(2)(D) in each of fiscal years
18 2016 through 2021, and such sums as may be nec-
19 essary for each subsequent fiscal year;

20 (3) for the Department of Defense Science and
21 Technology programs, the amounts provided for
22 under clause (iii) of such section 251(b)(2)(D) in
23 each of fiscal years 2016 through 2021, and such
24 sums as may be necessary for each subsequent fiscal
25 year;

1 (4) for the National Institute of Standards and
2 Technology Scientific and Technical Research and
3 Services, the amounts provided for under clause (iv)
4 of such section 251(b)(2)(D) in each of fiscal years
5 2016 through 2021, and such sums as may be nec-
6 essary for each subsequent fiscal year; and

7 (5) for the National Aeronautics and Space Ad-
8 ministration Science Directorate, the amounts pro-
9 vided for under clause (iv) of such section
10 251(b)(2)(D) in each of fiscal years 2016 through
11 2021, and such sums as may be necessary for each
12 subsequent fiscal year.

13 (c) MINIMUM CONTINUED FUNDING REQUIRE-
14 MENT.—Amounts appropriated for each of the programs
15 and agencies described in section 251(b)(2)(D) of the Bal-
16 anced Budget and Emergency Deficit Control Act of 1985
17 (as added by subsection (a)) for each of fiscal years 2016
18 through 2021, and each subsequent fiscal year, shall not
19 be less than the amounts appropriated for such programs
20 and agencies for fiscal year 2015.

21 (d) EXEMPTION OF CERTAIN APPROPRIATIONS FROM
22 SEQUESTRATION.—

23 (1) IN GENERAL.—Section 255(g)(1)(A) of the
24 Balanced Budget and Emergency Deficit Control
25 Act (2 U.S.C. 905(g)(1)(A)) is amended by inserting

1 after “Advances to the Unemployment Trust Fund
2 and Other Funds (16–0327–0–1–600).” the fol-
3 lowing:

4 “Appropriations under the American
5 Innovation Act.”.

6 (2) APPLICABILITY.—The amendment made by
7 this section shall apply to any sequestration order
8 issued under the Balanced Budget and Emergency
9 Deficit Control Act of 1985 (2 U.S.C. 900 et seq.)
10 on or after the date of enactment of this Act.

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