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116TH CONGRESS
1ST SESSION

H. R. 4757

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

IN THE HOUSE OF REPRESENTATIVES

OCTOBER 18, 2019

Mr. FOSTER (for himself, Mr. RYAN, Mr. RUSH, Mr. MCGOVERN, Ms. UNDERWOOD, and Mr. SWALWELL of California) introduced the following bill; which was referred to the Committee on the Budget, and in addition to the Committees on Science, Space, and Technology, and Armed Services, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

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A BILL

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

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the ''American Innovation Act''.

SEC. 2. CAP ADJUSTMENT.

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

(1) by redesignating subparagraph (D) as subparagraph (E); and

(2) by inserting after subparagraph (C), the following:

"(D) BASIC SCIENCE RESEARCH.—

"(i) NATIONAL SCIENCE FOUNDATION.—If a bill or joint resolution making appropriations for a fiscal year is enacted that specifies amounts for the National Science Foundation, then the adjustments for that fiscal year shall be the amount of additional new budget authority provided in that Act for such programs for that fiscal year, but shall not exceed—

"(I) for fiscal year 2020, $565,000,000 in additional new budget authority;

"(II) for fiscal year 2021, $1,170,000,000 in additional new budget authority;

"(III) for fiscal year 2022, $1,820,000,000 in additional new budget authority;

"(IV) for fiscal year 2023, $2,510,000,000 in additional new budget authority; and

"(V) for fiscal year 2024, $3,250,000,000 in additional new budget authority.

"(ii) DEPARTMENT OF ENERGY, OFFICE OF SCIENCE.—If a bill or joint resolution making appropriations for a fiscal year is enacted that specifies amounts for the Office of Science at the Department of Energy, then the adjustments for that fiscal year shall be the amount of additional new budget authority provided in that Act for such programs for that fiscal year, but shall not exceed—

"(I) for fiscal year 2020, $461,000,000 in additional new budget authority;

"(II) for fiscal year 2021, $954,000,000 in additional new budget authority;

"(III) for fiscal year 2022, $1,480,000,000 in additional new budget authority;

"(IV) for fiscal year 2023, $2,050,000,000 in additional new budget authority; and

"(V) for fiscal year 2024, $2,650,000,000 in additional new budget authority.

"(iii) DEPARTMENT OF DEFENSE SCIENCE AND TECHNOLOGY PROGRAMS.—If a bill or joint resolution making appropriations for a fiscal year is enacted that specifies amounts for the Department of Defense science and technology programs, then the adjustments for that fiscal year shall be the amount of additional new budget authority provided in that Act for such programs for that fiscal year, but shall not exceed—

"(I) for fiscal year 2020, $1,120,000,000 in additional new budget authority;

"(II) for fiscal year 2021, $2,310,000,000 in additional new budget authority;

"(III) for fiscal year 2022, $3,590,000,000 in additional new budget authority;

"(IV) for fiscal year 2023, $4,960,000,000 in additional new budget authority; and

"(V) for fiscal year 2024, $6,430,000,000 in additional new budget authority.

"(iv) NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY SCIENTIFIC AND TECHNICAL RESEARCH AND SERVICES.—If a bill or joint resolution making appropriations for a fiscal year is enacted that specifies amounts for the scientific and technical research and services of the National Institute of Standards and Technology at the Department of Commerce, then the adjustments for that fiscal year shall be the amount of additional new budget authority provided in that Act for

such programs for that fiscal year, but shall not exceed—

"(I) for fiscal year 2020, $51,000,000 in additional new budget authority;

"(II) for fiscal year 2021, $105,000,000 in additional new budget authority;

"(III) for fiscal year 2022, $163,000,000 in additional new budget authority;

"(IV) for fiscal year 2023, $225,000,000 in additional new budget authority; and

"(V) for fiscal year 2024, $292,000,000 in additional new budget authority.

"(v) NATIONAL AERONAUTICS AND SPACE ADMINISTRATION SCIENCE MISSION DIRECTORATE.—If a bill or joint resolution making appropriations for a fiscal year is enacted that specifies amounts for the Science Mission Directorate at the National Aeronautics and Space Administration, then the adjustments for that fiscal

year shall be the amount of additional new budget authority provided in that Act for such programs for that fiscal year, but shall not exceed—

"(I) for fiscal year 2020, $483,000,000 in additional new budget authority;

"(II) for fiscal year 2021, $1,000,000,000 in additional new budget authority;

"(III) for fiscal year 2022, $1,500,000,000 in additional new budget authority;

"(IV) for fiscal year 2023, $2,150,000,000 in additional new budget authority; and

"(V) for fiscal year 2024, $2,780,000,000 in additional new budget authority.

"(vi) DEFINITIONS.—As used in this subparagraph:

"(I) ADDITIONAL NEW BUDGET AUTHORITY.—The term 'additional new budget authority' means—

"(aa) with respect to the National Science Foundation, the amount provided for a fiscal year, in excess of the amount provided in fiscal year 2019, in an appropriation Act and specified to support the National Science Foundation;

"(bb) with respect to the Department of Energy Office of Science, the amount provided for a fiscal year, in excess of the amount provided in fiscal year 2019, in an appropriation Act and specified to support the Department of Energy Office of Science;

"(cc) with respect to the Department of Defense science and technology programs, the amount provided for a fiscal year, in excess of the amount provided in fiscal year 2019, in an appropriation Act and specified to support

the Department of Defense science and technology programs;

''(dd) with respect to the National Institute of Standards and Technology scientific and technical research services, the amount provided for a fiscal year, in excess of the amount provided in fiscal year 2019, in an appropriation Act and specified to support the National Institute of Standards and Technology scientific and technical research services; and

''(ee) with respect to the National Aeronautics and Space Administration Science Mission Directorate, the amount provided for a fiscal year, in excess of the amount provided in fiscal year 2019, in an appropriation Act and specified to support the National Aeronautics and Space Administration Science Mission Directorate.

"(II) DEPARTMENT OF DEFENSE SCIENCE AND TECHNOLOGY PROGRAMS.—The term 'Department of Defense science and technology programs' means the appropriations accounts that support the various institutes, offices, and centers that make up the Department of Defense science and technology programs.

"(III) DEPARTMENT OF ENERGY OFFICE OF SCIENCE.—The term 'Department of Energy Office of Science' means the appropriations accounts that support the various institutes, offices, and centers that make up the Department of Energy Office of Science.

"(IV) NATIONAL AERONAUTICS AND SPACE ADMINISTRATION SCIENCE MISSION DIRECTORATE.—The term 'National Aeronautics and Space Administration Science Mission Directorate' means the appropriations accounts that support the various institutes, offices, and centers that make

up the National Aeronautics and Space Administration Science Mission Directorate.

''(V) NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY SCIENTIFIC AND TECHNICAL RESEARCH AND SERVICES.—The term 'National Institute of Standards and Technology scientific and technical research and services' means the appropriations accounts that support the various institutes, offices, and centers that make up the National Institute of Standards and Technology scientific and technical research and services.

''(VI) NATIONAL SCIENCE FOUNDATION.—The term 'National Science Foundation' means the appropriations accounts that support the various institutes, offices, and centers that make up the National Science Foundation.''.

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

(1) for the National Science Foundation, the amounts provided for under clause (i) of such section 251(b)(2)(D) in each of fiscal years 2020 through 2024, and such sums as may be necessary for each subsequent fiscal year;

(2) for the Department of Energy Office of Science, the amounts provided for under clause (ii) of such section 251(b)(2)(D) in each of fiscal years 2020 through 2024, and such sums as may be necessary for each subsequent fiscal year;

(3) for the Department of Defense science and technology programs, the amounts provided for under clause (iii) of such section 251(b)(2)(D) in each of fiscal years 2020 through 2024, and such sums as may be necessary for each subsequent fiscal year;

(4) for the National Institute of Standards and Technology scientific and technical research and services, the amounts provided for under clause (iv) of such section 251(b)(2)(D) in each of fiscal years 2020 through 2024, and such sums as may be necessary for each subsequent fiscal year; and

(5) for the National Aeronautics and Space Administration Science Mission Directorate, the amounts provided for under clause (v) of such sec-

tion 251(b)(2)(D) in each of fiscal years 2020 through 2024, and such sums as may be necessary for each subsequent fiscal year.

(c) MINIMUM CONTINUED FUNDING REQUIREMENT.—Amounts appropriated for each of the programs and agencies described in section 251(b)(2)(D) of the Balanced Budget and Emergency Deficit Control Act of 1985 (as added by subsection (a)) for each of fiscal years 2020 through 2024, and each subsequent fiscal year, shall not be less than the amounts appropriated for such programs and agencies for fiscal year 2019.

(d) EXEMPTION OF CERTAIN APPROPRIATIONS FROM SEQUESTRATION.—

(1) IN GENERAL.—Section 255(g)(1)(A) of the Balanced Budget and Emergency Deficit Control Act (2 U.S.C. 905(g)(1)(A)) is amended by inserting after ''Advances to the Unemployment Trust Fund and Other Funds (16–0327–0–1–600).'' the following:

''Appropriations under the American Innovation Act.''.

(2) APPLICABILITY.—The amendment made by this section shall apply to any sequestration order issued under the Balanced Budget and Emergency

Deficit Control Act of 1985 (2 U.S.C. 900 et seq.) on or after the date of enactment of this Act.

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