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(Original Signature of Member)

116TH CONGRESS
2D SESSION

H. R.

To authorize appropriations for offsetting the costs related to reductions in research productivity resulting from the coronavirus pandemic.

IN THE HOUSE OF REPRESENTATIVES

Ms. DEGETTE introduced the following bill; which was referred to the Committee on _____

A BILL

To authorize appropriations for offsetting the costs related to reductions in research productivity resulting from the coronavirus pandemic.

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 “Research Investment
5 to Spark the Economy Act” or the “RISE Act”.

6 **SEC. 2. FINDINGS.**

7 Congress finds the following:

1 (1) Agencies provided Federal research grantees
2 flexibility during the pandemic to support graduate
3 students, postdocs, principal investigators, and tech-
4 nical support staff.

5 (2) Agencies will need to provide current Fed-
6 eral research grants extensions to cover time lost in
7 research labs and in the field that will impact the
8 completion of that agency's research missions and
9 priorities. Additionally, agencies allowed federally
10 funded labs to donate necessary equipment, like per-
11 sonal protective equipment among others, to support
12 hospitals and first responders, which will need to be
13 re-purchased and will create additional expenses to
14 Federal contracts.

15 (3) The need to ensure the United States sus-
16 tains the critical human infrastructure that
17 undergirds the United States research enterprise,
18 which has created a longstanding government-uni-
19 versity partnership which has made America the
20 global leader in innovation, strengthening the health
21 of our Nation's citizens, economy, and national secu-
22 rity.

23 (4) While the Federal Government has made
24 significant investments in new research to address
25 COVID-19, existing research has been slowed down

1 or stopped due to COVID–19 modified operations of
2 campuses and laboratories.

3 (5) Given the modified operations of many uni-
4 versity-based and national laboratories due to the
5 pandemic, Congress is concerned that the people
6 who comprise the research workforce—graduate stu-
7 dents, postdocs, principal investigators, and tech-
8 nical support staff—and the future health and
9 strength of the United States research enterprise
10 and manufacturing and technology economies,
11 among others, are at risk.

12 (6) While our Nation’s research capacity has
13 demonstrated it can absorb shocks and pivot to ad-
14 dress immediate national threats, the scale of this
15 pandemic is still growing and unprecedented in du-
16 ration and impact.

17 (7) Without funding, future innovations in
18 areas such as quantum, artificial intelligence, robot-
19 ics, computing, 5G, space exploration, digital agri-
20 culture, cancer, and aging will be forestalled while
21 the agencies are forced to use future appropriations
22 for new research, meant to create new knowledge
23 leading to the next generation of discoveries, to
24 cover existing grants. The Nation must innovate to
25 launch the next 50 years of unparalleled economic

1 leadership and be prepared for any future
2 pandemics.

3 (8) Therefore, Congress believes it is vital that
4 the Federal Government take measures to help re-
5 lieve the strain agencies will be forced to face and
6 sustain the strength of our Nation's ability to re-
7 main a global leader in an increasingly competitive
8 global research environment, as other countries con-
9 tinue to make disproportionately large investments
10 in key research areas.

11 **SEC. 3. DEFINITIONS.**

12 In this Act:

13 (1) FEDERAL SCIENCE AGENCY.—The term
14 “Federal science agency” means any agency (as de-
15 fined in section 551 of title 5, United States Code)
16 with at least \$50,000,000 in basic and applied re-
17 search obligations in fiscal year 2020.

18 (2) RESEARCH INSTITUTION.—The term “re-
19 search institution” means an institution of higher
20 education (as defined in section 101(a) of the High-
21 er Education Act of 1965 (20 U.S.C. 1001(a))) or
22 a nonprofit entity that conducts federally funded re-
23 search.

24 (3) NATIONAL LABORATORY.—The term “Na-
25 tional laboratory” has the meaning given the term in

1 section 2 of the Energy Policy Act of 2005 (42
2 U.S.C. 15801).

3 **SEC. 4. USE OF FUNDS.**

4 (a) ALLOWABLE USES.—A Federal science agency
5 may use funds authorized under this Act to—

6 (1) provide supplemental funding to extend the
7 duration of a grant to a research institution or Na-
8 tional laboratory that was awarded prior to the date
9 of enactment of this Act, or to expand the purposes
10 of such a grant in order to—

11 (A) enable a graduate student or post-doc-
12 toral researcher to complete work that was dis-
13 rupted by COVID–19;

14 (B) enable a principal investigator to com-
15 plete work that was disrupted by COVID–19;

16 (C) extend the training of a graduate stu-
17 dent or the employment of a post-doctoral re-
18 searcher on an ongoing research project for up
19 to two years because of the disruption of the
20 job market due to COVID–19;

21 (D) allow for the use of laboratory ani-
22 mals, reagents, equipment, or other items re-
23 quired for research funded by a grant that was
24 awarded prior to the date of enactment of this
25 Act, but need to be replaced, refurbished, or

1 otherwise made usable after disruption because
2 of COVID–19;

3 (E) reconfigure laboratories, restart equip-
4 ment and disrupted research, and other activi-
5 ties necessary to safely resume on-site research
6 activities in laboratories that were temporarily
7 closed or redirected to COVID-19 response; and

8 (F) facilitate other competitively awarded
9 research and training activities that have been
10 disrupted by COVID–19;

11 (2) provide supplemental funding through exist-
12 ing competitively awarded cooperative agreements
13 and contracts to cover the increased costs of con-
14 struction of scientific facilities and equipment that
15 have been delayed because of COVID-19; and

16 (3) award grants and cooperative agreements to
17 institutions of higher education to conduct research
18 on the behavioral, social, or economic effects of
19 COVID–19 and the responses to the disease, or on
20 the effectiveness of such responses.

21 (b) AWARDS.—Each Federal science agency author-
22 ized to receive funds under this Act shall develop proce-
23 dures to award such funds and shall award such funds
24 as rapidly as possible.

1 (c) TIMING.—Funds authorized under this Act shall
2 be awarded during fiscal years 2020 and 2021 and funds
3 so awarded shall remain available for expenditure for up
4 to two years.

5 **SEC. 5. REGULATIONS.**

6 Until such time as a research institution has deter-
7 mined it can safely reopen a research laboratory funded
8 by a Federal science agency, such agency shall continue
9 to interpret regulations in a manner consistent with—

10 (1) the memorandum issued by the Office of
11 Management and Budget on March 19, 2020 enti-
12 tled “Administrative Relief for Recipients and Appli-
13 cants of Federal Financial Assistance Directly Im-
14 pacted by the Novel Coronavirus (COVID-19) due to
15 Loss of Operations”; and

16 (2) the memorandum issued by the Office of
17 Management and Budget on March 19, 2020 enti-
18 tled “Managing Federal Contract Performance
19 Issues Associated with the Novel Coronavirus
20 (COVID-19)”.

21 **SEC. 6. AUTHORIZATIONS OF APPROPRIATIONS.**

22 (a) DEPARTMENT OF AGRICULTURE.—There is au-
23 thorized to be appropriated to the Department of Agri-
24 culture for fiscal year 2020—

1 (1) \$300,000,000 to fund activities under sec-
2 tion 4; and

3 (2) \$80,000,000 to carry out cooperative exten-
4 sion and education programs in response to exigent
5 circumstances created by the COVID-19 pandemic.

6 (b) DEPARTMENT OF COMMERCE.—There is author-
7 ized to be appropriated \$650,000,000 to the Department
8 of Commerce for fiscal year 2020 to fund activities under
9 section 4 of this Act, of which at least \$350,000,000 shall
10 be for use by the National Oceanic and Atmospheric Ad-
11 ministration and at least \$300,000,000 shall be for the
12 National Institute of Standards and Technology.

13 (c) DEPARTMENT OF DEFENSE.—There is author-
14 ized to be appropriated \$3,000,000,000 to the Depart-
15 ment of Defense for fiscal year 2020 to fund activities
16 under section 4.

17 (d) DEPARTMENT OF EDUCATION.—There is author-
18 ized to be appropriated \$200,000,000 to the Department
19 of Education for fiscal year 2020 to fund activities under
20 section 4 for the Institute for Education Sciences.

21 (e) DEPARTMENT OF ENERGY.—There is authorized
22 to be appropriated \$5,000,000,000 to the Department of
23 Energy for fiscal year 2020 to fund activities under sec-
24 tion 4, of which at least \$3,000,000,000 shall be for use
25 by the Office of Science, at least \$900,000,000 shall be

1 for Energy Efficiency and Renewable Energy, at least
2 \$450,000,000 shall be for Nuclear Energy, at least
3 \$300,000,000 shall be for Fossil Research and Develop-
4 ment, at least \$150,000,000 shall be for ARPA-E, and
5 at least \$100,000,000 shall be for the Office of Electricity.

6 (f) DEPARTMENT OF INTERIOR.—There is authorized
7 to be appropriated \$300,000,000 to the Department of In-
8 terior for fiscal year 2020 to fund activities under section
9 4 for the United States Geological Survey.

10 (g) DEPARTMENT OF HEALTH AND HUMAN SERV-
11 ICES.—There is authorized to be appropriated
12 \$10,000,000,000 to the Department of Health and
13 Human Services for fiscal year 2020 to fund activities
14 under section 4 for the National Institutes of Health.

15 (h) NASA.—There is authorized to be appropriated
16 \$2,000,000,000 to the National Aeronautics and Space
17 Administration for fiscal year 2020 to fund activities
18 under section 4.

19 (i) NATIONAL SCIENCE FOUNDATION.—There is au-
20 thorized to be appropriated \$3,000,000,000 to the Na-
21 tional Science Foundation for fiscal year 2020 to fund ac-
22 tivities under section 4.

23 (j) ENVIROMENTAL PROTECTION AGENCY.—There is
24 authorized to be appropriated \$200,000,000 to the Envi-

- 1 Environmental Protection Agency for fiscal year 2020 to fund
- 2 activities under section 4.