

117TH CONGRESS  
2D SESSION

# H. R. 8548

To amend the Education Sciences Reform Act of 2002 to establish a National Center for Advanced Development in Education at the Institute for Education Sciences, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

JULY 28, 2022

Ms. BONAMICI (for herself and Mr. FITZPATRICK) introduced the following bill; which was referred to the Committee on Education and Labor

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## A BILL

To amend the Education Sciences Reform Act of 2002 to establish a National Center for Advanced Development in Education at the Institute for Education Sciences, and for other purposes.

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 “New Essential Edu-  
5 cation Discoveries Act of 2022”.

1 **SEC. 2. NATIONAL CENTER FOR ADVANCED DEVELOPMENT**  
2 **IN EDUCATION.**

3 (a) ORGANIZATION.—Section 111(c)(3) of the Edu-  
4 cation Sciences Reform Act of 2002 (20 U.S.C.  
5 9511(c)(3)) is amended—

6 (1) in subparagraph (C), by striking “and” at  
7 the end;

8 (2) in subparagraph (D), by striking the period  
9 at the end and inserting “; and”; and

10 (3) by adding at the end the following:

11 “(E) the National Center for Advanced  
12 Development in Education (as described in part  
13 G).”.

14 (b) ESTABLISHMENT.—Title I of the Education  
15 Sciences Reform Act of 2002 (20 U.S.C. 9501 et seq.)  
16 is amended by adding at the end the following:

17 **“PART G—NATIONAL CENTER FOR ADVANCED**  
18 **DEVELOPMENT IN EDUCATION**

19 **“SEC. 195. ESTABLISHMENT.**

20 “(a) ESTABLISHMENT.—There is established in the  
21 Institute a National Center for Advanced Development in  
22 Education (in this part referred to as the ‘Advanced De-  
23 velopment Center’).

24 “(b) MISSION.—The mission of the Advanced Devel-  
25 opment Center is to—

1           “(1) develop, identify, and promote advances in  
2           and new solutions for teaching and learning, includ-  
3           ing supporting the development of social and emo-  
4           tional skills of students and teachers, with an em-  
5           phasis on breakthrough technologies, new peda-  
6           gogical approaches, innovative learning models, and  
7           more efficient, reliable, and valid forms of assess-  
8           ments;

9           “(2) develop, identify, and promote trans-  
10          formative solutions to address gaps in achievement,  
11          opportunity, and equity for students;

12          “(3) identify and promote advances in teaching  
13          and learning that have the potential to transform  
14          education practices across—

15                 “(A) early childhood education;

16                 “(B) elementary and secondary education;

17                 “(C) postsecondary education; and

18                 “(D) adult education;

19          “(4) develop, test, and evaluate new learning  
20          technologies, pedagogical approaches, assessments,  
21          and related processes and emphasize the use of such  
22          technologies, approaches, assessments, and processes  
23          in education practices;

24          “(5) identify and test strategies and interven-  
25          tions to support the development of the social and

1 emotional skills of students and teachers, includ-  
2 ing—

3 “(A) recognizing how emotions impact be-  
4 havior;

5 “(B) acknowledging strengths and weak-  
6 nesses to promote confidence;

7 “(C) taking control and ownership of  
8 thoughts, emotions, and actions in various situ-  
9 ations;

10 “(D) building and maintaining healthy re-  
11 lationships with people of diverse backgrounds;  
12 and

13 “(E) acting or responding to a situation  
14 based on learned behaviors;

15 “(6) identify and provide recommended solu-  
16 tions that address additional factors that can im-  
17 prove student outcomes, including—

18 “(A) access to a diverse teaching work-  
19 force; and

20 “(B) institutional barriers, including dis-  
21 parate treatment of students from underrep-  
22 resented communities; and

23 “(7) investigate transformative research oppor-  
24 tunities, including—

1           “(A) technologies to analyze speech sam-  
2           ples and identify speech disorders;

3           “(B) identifying tools to support skill ac-  
4           quisition outside of school (including tools for  
5           parents); and

6           “(C) developing tools to provide feedback  
7           directly to students on their competencies.

8   **“SEC. 196. COMMISSIONER FOR ADVANCED EDUCATION DE-**  
9           **VELOPMENT.**

10          “The Advanced Development Center shall be headed  
11 by a Commissioner for Advanced Education Development  
12 (in this part referred to as the ‘Advanced Development  
13 Commissioner’) who shall be highly qualified and have  
14 substantial knowledge of the methodologies used and ac-  
15 tivities undertaken by the Advanced Development Center.

16   **“SEC. 197. DUTIES.**

17          “(a) GENERAL DUTIES.—The Advanced Develop-  
18 ment Center shall—

19           “(1) collect, report, analyze, and disseminate  
20           data related to transforming education in the United  
21           States;

22           “(2) approve and terminate projects;

23           “(3) set priorities that align with the mission of  
24           the Advanced Development Center, including by

1 identifying areas that can be furthered by research  
2 and development, including—

3 “(A) interventions for learning loss that  
4 promote equity, including specific challenges  
5 due to the COVID–19 public health emergency  
6 declared pursuant to section 319 of the Public  
7 Health Service Act (42 U.S.C. 247d) and other  
8 disruptions to instruction;

9 “(B) pedagogy; and

10 “(C) improve upon assessments adminis-  
11 tered to students;

12 “(4) carry out the evaluation and dissemination  
13 requirements under subsection (e); and

14 “(5) convene and engage an advisory panel  
15 under section 198.

16 “(b) PLAN.—The Advanced Development Commis-  
17 sioner shall propose to the Director a research plan that—

18 “(1) is consistent with the priorities and mis-  
19 sion of the Institute and the mission of the Ad-  
20 vanced Development Center; and

21 “(2) describes how the Advanced Development  
22 Center will use the performance management system  
23 described in section 185 to assess and improve the  
24 activities of the Advanced Development Center.

1       “(c) TRAINING PROGRAM.—The Advanced Develop-  
2 ment Commissioner may establish a program to train em-  
3 ployees of public and private educational agencies, organi-  
4 zations, and institutions and may establish a fellowship  
5 program to appoint such employees as temporary fellows  
6 at the Advanced Development Center in order to assist  
7 the Advanced Development Center in carrying out its du-  
8 ties.

9       “(d) COLLABORATION.—

10           “(1) IN GENERAL.—In carrying out the duties  
11 under this section, the Advanced Development Com-  
12 missioner may award grants and cash prizes, enter  
13 into contracts and cooperative agreements, and pro-  
14 vide technical assistance.

15           “(2) ENTITIES.—In awarding grants and cash  
16 prizes and entering into contracts and cooperative  
17 agreements under paragraph (1), the Advanced De-  
18 velopment Commissioner shall—

19                   “(A) solicit applications from public and  
20 private entities; and

21                   “(B) build research collaborations between  
22 a variety of stakeholders—

23                           “(i) from the private and public sec-  
24 tors; and

1                   “(ii) with expertise in education prac-  
2                   tices.

3           “(e) EVALUATION AND DISSEMINATION.—

4                   “(1) EVALUATION.—

5                           “(A) IN GENERAL.—The Advanced Devel-  
6                           opment Commissioner shall obtain independent,  
7                           periodic, and rigorous evaluation of—

8                                   “(i) the effectiveness of the processes  
9                                   that the Advanced Development Center is  
10                                  using to achieve the mission described in  
11                                  section 195(b);

12                                   “(ii) the relevance, accessibility, and  
13                                  utility of the awards made and trans-  
14                                  actions entered into under subsection (d)  
15                                  to education practitioners; and

16                                   “(iii) the effectiveness of the projects  
17                                  carried out through such awards and  
18                                  transactions, using evidence standards de-  
19                                  veloped in consultation with the Institute  
20                                  of Education Sciences, and the suitability  
21                                  of such projects for further investment or  
22                                  increased scale.

23                           “(B) BEST PRACTICES.—The Advanced  
24                           Development Commissioner shall assess the in-  
25                           formation obtained from the evaluation and



1 identify best practices for the Advanced Devel-  
2 opment Center.

3 “(2) DISSEMINATION.—

4 “(A) IN GENERAL.—The Advanced Devel-  
5 opment Center shall disseminate, through the  
6 entities listed in subparagraph (B), information  
7 obtained from the evaluation under paragraph  
8 (1) and any other information determined to be  
9 relevant by the Advanced Development Commis-  
10 sioner with respect to effective practices and  
11 technologies developed under the Advanced De-  
12 velopment Center, as appropriate, to—

13 “(i) education professionals, including  
14 teachers, principals, and local and State  
15 superintendents; and

16 “(ii) parents.

17 “(B) ENTITIES.—The Advanced Develop-  
18 ment Center shall distribute the information de-  
19 scribed in subparagraph (A) through—

20 “(i) the comprehensive centers estab-  
21 lished under 203 of the Educational Tech-  
22 nical Assistance Act of 2002 (20 U.S.C.  
23 9602);

24 “(ii) the regional laboratories system  
25 established under section 174 of the Edu-

1                    cation Sciences Reform Act (20 U.S.C.  
2                    9564); and

3                    “(iii) such other means as the Sec-  
4                    retary determines to be appropriate.

5                    “(3) USE AND ADOPTION.—The Advanced De-  
6                    velopment Commissioner shall support the use and  
7                    adoption of the best practices identified in para-  
8                    graph (1)(B) at all levels of education and training.

9                    “(f) HIRING.—Notwithstanding section 188, the Ad-  
10                    vanced Development Commissioner, with the approval of  
11                    and in collaboration with the Director, shall—

12                    “(1) make appointments of scientific, engineer-  
13                    ing, and professional personnel subject to the provi-  
14                    sions of title 5, United States Code, governing ap-  
15                    pointments in the competitive service and fix the  
16                    compensation of such personnel at a rate to be de-  
17                    termined by the Director; and

18                    “(2) use all existing authorities of the Director  
19                    to hire administrative, financial, and clerical staff as  
20                    necessary to carry out this subsection and pay such  
21                    staff in accordance with the provisions of chapter 51  
22                    and subchapter III of chapter 53 of title 5, United  
23                    States Code, relating to classification and General  
24                    Schedule pay rates.

1 **“SEC. 198. ADVISORY PANEL.**

2       “(a) ESTABLISHMENT.—Not later than 90 days after  
3 the date on which the Advanced Development Commis-  
4 sioner is appointed, the Commissioner shall establish an  
5 advisory panel to identify, evaluate, and make rec-  
6 ommendations with respect to improving education re-  
7 search in order to promote the mission of the Advanced  
8 Development Center.

9       “(b) DUTIES.—

10           “(1) REPORT.—Not later than 2 years after the  
11 date on which the advisory panel is established, the  
12 advisory panel shall create and update on an annual  
13 basis a report that—

14                   “(A) identifies, analyzes, and evaluates the  
15 state of education research;

16                   “(B) identifies and promotes advances in  
17 teaching and learning; and

18                   “(C) highlights factors that can have an  
19 impact on student learning outcomes, including  
20 the factors addressed in section 195(b)(6).

21           “(2) SUBMISSION AND PUBLICATION.—Not  
22 later than 1 month after the date on which the re-  
23 port described in paragraph (1) is created and not  
24 later than 1 month after each subsequent update of  
25 such report, the advisory panel shall—

26                   “(A) submit such report to—

1                   “(i) the Advanced Development Com-  
2                   missioner;

3                   “(ii) the Director;

4                   “(iii) the Secretary;

5                   “(iv) the Committee on Education and  
6                   Labor of the House of Representatives;

7                   and

8                   “(v) the Committee on Health, Edu-  
9                   cation, Labor, and Pensions of the Senate;

10                  and

11                  “(B) make such report publicly available  
12                  on the website of the Institute.

13                  “(c) MEMBERSHIP.—The advisory panel shall be  
14                  composed of at least 8, but not more than 12, members  
15                  appointed by the Advanced Development Commissioner as  
16                  follows:

17                  “(1) At least 1 but not more than 2 members  
18                  shall be parents.

19                  “(2) At least 1 but not more than 2 members  
20                  shall be education professionals.

21                  “(3) At least 1 but not more than 2 members  
22                  shall be experts in technology.

23                  “(4) At least 1 but not more than 2 members  
24                  shall be specialists in rapid gains in student achieve-  
25                  ment and school improvement.

1           “(5) At least 1 but not more than 2 members  
2 shall be specialists in personalized learning.

3           “(6) At least 1 but not more than 2 members  
4 shall be education and social science researchers.

5           “(7) At least 1 but not more than 2 members  
6 shall be representatives from the Department or Na-  
7 tional Science Foundation.

8           “(8) At least 1 but not more than 2 members  
9 shall be individuals with expertise in education  
10 issues not otherwise represented who will contribute  
11 to the overall rigor and quality of the Advanced De-  
12 velopment Center.

13           “(d) **ADVISORY NATURE.**—The function of the advi-  
14 sory panel shall be advisory in nature. Nothing in this sec-  
15 tion shall be construed as giving the advisory panel au-  
16 thority over the activities authorized under this part.

17           “(e) **TERMINATION.**—The advisory panel shall termi-  
18 nate 5 years after the date of establishment of such panel.

19 **“SEC. 199. AUTHORIZATION OF APPROPRIATIONS.**

20           “(a) **IN GENERAL.**—There are authorized to be ap-  
21 propriated to carry out this part \$500,000,000 for each  
22 of fiscal years 2023 through 2027.

23           “(b) **TIMING.**—Amounts made available for a fiscal  
24 year under subsection (a) shall remain available until ex-  
25 pended.

1       “(c) RESERVATION.—The Secretary may reserve not  
2 more than 5 percent of the funds appropriated for a fiscal  
3 year under subsection (a) for administrative expenses and  
4 technical assistance.”.

5 **SEC. 3. IMPROVING STATE LONGITUDINAL DATA SYSTEMS.**

6       (a) IN GENERAL.—The Secretary of Education (in  
7 this section referred to as the “Secretary”) shall award  
8 grants to eligible entities to improve State longitudinal  
9 data systems (in this section referred to as “SLDS”) to  
10 produce more consistent and comprehensive data of indi-  
11 viduals from birth into the workforce.

12       (b) APPLICATION.—An eligible entity seeking a grant  
13 under this section shall submit to the Secretary an appli-  
14 cation in such form, at such time, and containing such  
15 information as the Secretary determines appropriate.

16       (c) USE OF FUNDS.—An eligible entity shall use a  
17 grant awarded under this section to—

18               (1) modernize data infrastructure and analytics  
19 capacity to integrate data across education, work-  
20 force, nutrition, and other social service systems into  
21 SLDS, including—

22                       (A) early childhood education;

23                       (B) elementary and secondary education;

24                       (C) career and technical education;

25                       (D) postsecondary education; and

1 (E) workforce development programs sup-  
2 ported by the—

- 3 (i) Department of Education;  
4 (ii) Department of Labor;  
5 (iii) Department of Health and  
6 Human Services;  
7 (iv) Department of Agriculture;  
8 (v) Department of Defense; and  
9 (vi) Department of Commerce;

10 (2) ensure the technical quality, including valid-  
11 ity and reliability, of the data described in para-  
12 graph (1);

13 (3) promote linkages across States and systems,  
14 including—

- 15 (A) early childhood education;  
16 (B) elementary and secondary education;  
17 (C) postsecondary education; and  
18 (D) workforce, including—  
19 (i) employment;  
20 (ii) healthcare; and  
21 (iii) social services, including nutri-  
22 tion;

23 (4) meet Federal law requirements with respect  
24 to protecting the privacy of individuals, including  
25 student privacy;

1           (5) provide, prior to beginning employment and  
2           on a regular basis thereafter, training to local and  
3           State school leaders and teachers with respect to uti-  
4           lizing data from SLDS for improving education  
5           practice and policy;

6           (6) promote the creation and management of  
7           accurate data that are needed—

8                   (A) for State and local educational agen-  
9                   cies to comply with Federal and State laws and  
10                  reporting requirements;

11                  (B) to better understand and address  
12                  achievement, opportunity, and equity gaps; and

13                  (C) to enable, facilitate, and participate in  
14                  research within a State and across States to  
15                  improve student academic achievement, close  
16                  gaps in learning, and improve student out-  
17                  comes; and

18           (7) support continual improvement of education  
19           and workforce programs and systems, including by  
20           better understanding whether such programs and  
21           systems are—

22                   (A) equitably serving students and work-  
23                   ers, with a focus on underserved students;



1 (B) supporting the attainment of key edu-  
2 cation, employment, and other relevant out-  
3 comes, including sustained increases in wages;

4 (C) making data available (in a way that  
5 protects student information) to researchers  
6 and encouraging partnerships to make informa-  
7 tion actionable; and

8 (D) engaging with diverse stakeholders to  
9 receive input and share information.

10 (d) FUNDS.—

11 (1) SUPPLEMENT, NOT SUPPLANT.—Funds  
12 made available under this section shall be used to  
13 supplement, and not supplant, other Federal, State,  
14 or local funds used for developing State longitudinal  
15 data systems.

16 (2) TECHNICAL ASSISTANCE.—The Secretary  
17 may reserve not more than 5 percent of the funds  
18 made available under this section for program ad-  
19 ministration and technical assistance.

20 (e) DEFINITIONS.—In this section:

21 (1) ELIGIBLE ENTITY.—The term “eligible enti-  
22 ty” means—

23 (A) a State educational agency;

24 (B) a pre-school through workforce council;

25 and

1 (C) other data governance bodies as deter-  
2 mined and designated by the Governor of a  
3 State.

4 (2) UNDERSERVED STUDENT.—The term “un-  
5 derserved student” means a student (which may in-  
6 clude children in early learning environments, stu-  
7 dents in elementary and secondary schools, students  
8 in postsecondary education or career and technical  
9 education, and adult learners) that is 1 or more of  
10 the following:

11 (A) A student who is living in poverty or  
12 is served by elementary or secondary schools  
13 with high concentrations of students living in  
14 poverty.

15 (B) A student of color.

16 (C) A student who is a member of a feder-  
17 ally recognized Indian Tribe.

18 (D) An English learner.

19 (E) A child or student with a disability.

20 (F) A disconnected youth.

21 (G) A migrant student.

22 (H) A student experiencing homelessness  
23 or housing insecurity.

24 (I) A lesbian, gay, bisexual, transgender,  
25 queer, or intersex student.

1 (J) A student who is in foster care.

2 (K) A student without documentation of  
3 immigration status.

4 (L) A pregnant, parenting, or caregiving  
5 student.

6 (M) A student impacted by the justice sys-  
7 tem, including a formerly incarcerated student.

8 (N) A student who is the first in their  
9 family to attend postsecondary education.

10 (O) A student enrolling in or seeking to  
11 enroll in postsecondary education for the first  
12 time at the age of 20 or older.

13 (P) A student who is working full-time  
14 while enrolled in postsecondary education.

15 (Q) A student who is enrolled in or is seek-  
16 ing to enroll in postsecondary education who is  
17 eligible for a Pell Grant.

18 (R) An adult student in need of improving  
19 their basic skills or an adult student with lim-  
20 ited English proficiency.

21 (S) A student performing significantly  
22 below grade level.

1       (f) AUTHORIZATION OF APPROPRIATIONS.—There  
2 are authorized to be appropriated to carry out this section  
3 \$500,000,000 for fiscal year 2023.

○