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(Original Signature of Member)

118TH CONGRESS  
1ST SESSION

**H. R.** \_\_\_\_\_

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

Ms. BONAMICI introduced the following bill; which was referred to the Committee on \_\_\_\_\_

\_\_\_\_\_  
**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 2023”.

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) DEFINITIONS.—Section 102 of the Education  
15 Sciences Reform Act of 2002 (20 U.S.C. 9501) is amend-  
16 ed by adding at the end the following:

17 “(24) SCIENCE OF LEARNING AND DEVELOP-  
18 MENT.—The term ‘science of learning and develop-  
19 ment’ means the body of peer-reviewed knowledge  
20 from a variety of academic fields and disciplines that  
21 demonstrates how students best learn and develop.”.

22 (c) ESTABLISHMENT.—Title I of the Education  
23 Sciences Reform Act of 2002 (20 U.S.C. 9501 et seq.)  
24 is amended by adding at the end the following:

1     **“PART G—NATIONAL CENTER FOR ADVANCED**  
2                     **DEVELOPMENT IN EDUCATION**

3     **“SEC. 195. ESTABLISHMENT.**

4             “(a) ESTABLISHMENT.—There is established in the  
5 Institute a National Center for Advanced Development in  
6 Education (in this part referred to as the ‘Advanced De-  
7 velopment Center’).

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

10                 “(1) identify, develop, and promote advances in  
11 and new solutions for teaching and learning, with an  
12 emphasis on breakthrough technologies, new peda-  
13 gogical approaches, innovative learning models, and  
14 more efficient, reliable, and valid forms of assess-  
15 ments;

16                 “(2) identify, develop, and promote trans-  
17 formative, community-informed solutions to address  
18 disparities in achievement and opportunity for stu-  
19 dents;

20                 “(3) identify, develop, and promote community-  
21 informed advances in teaching and learning that  
22 have the potential to transform education practices  
23 across—

24                         “(A) early childhood education;

25                         “(B) elementary and secondary education;

26                         “(C) postsecondary education;

1                   “(D) adult education;

2                   “(E) special education and services for stu-  
3                   dents with disabilities; and

4                   “(F) services for English learners;

5                   “(4) identify, develop, test, and promote strate-  
6                   gies and interventions that support student relation-  
7                   ships and skill-building consistent with the science of  
8                   learning and development;

9                   “(5) identify and provide community-informed  
10                  recommendations and solutions that address addi-  
11                  tional factors that can improve student outcomes, in-  
12                  cluding—

13                  “(A) access to a diverse teaching work-  
14                  force; and

15                  “(B) institutional barriers, including with  
16                  respect to students from underrepresented com-  
17                  munities; and

18                  “(6) investigate transformative research oppor-  
19                  tunities, including—

20                  “(A) technologies to analyze speech sam-  
21                  ples and identify speech and reading disorders;

22                  “(B) identifying tools to support skill ac-  
23                  quisition outside of school (including tools for  
24                  parents); and

1                   “(C) developing tools to provide feedback  
2                   directly to students on their competencies.

3   **“SEC. 196. COMMISSIONER FOR ADVANCED EDUCATION DE-**  
4                   **VELOPMENT.**

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

11   **“SEC. 197. DUTIES.**

12                   “(a) GENERAL DUTIES.—The Advanced Develop-  
13 ment Center shall—

14                   “(1) collect, report, analyze, and disseminate  
15 data related to transforming education in the United  
16 States;

17                   “(2) approve and terminate projects in accord-  
18 ance with subsection (f)(2)(B);

19                   “(3) set priorities that align with the mission of  
20 the Advanced Development Center, including by  
21 identifying areas that can be furthered by research  
22 and development, including—

23                   “(A) interventions for learning recovery,  
24 with a particular focus on students who score  
25 below proficient on the academic assessments in

1 mathematics or reading or language arts de-  
2 scribed in section 1111(b)(2) of the Elementary  
3 and Secondary Education Act of 1965 (20  
4 U.S.C. 6311(b)(2)), including specific chal-  
5 lenges due to the COVID–19 public health  
6 emergency declared pursuant to section 319 of  
7 the Public Health Service Act (42 U.S.C. 247d)  
8 and other disruptions to instruction;

9 “(B) pedagogy; and  
10 “(C) assessments administered to students,  
11 including such assessments that are summative,  
12 formative, competency-based, performance-  
13 based, administered throughout the school year  
14 to produce a single summative assessment  
15 score, or incorporated into an instructional se-  
16 quence or lesson;

17 “(4) support the use of scientific discoveries  
18 and inventions to improve teaching and learning;

19 “(5) carry out the evaluation and dissemination  
20 requirements under subsection (e); and

21 “(6) convene and engage an advisory panel  
22 under section 198.

23 “(b) PLAN.—Not later than 6 months after the date  
24 of the enactment of this part, and every 3 years thereafter,

1 the Advanced Development Commissioner shall submit to  
2 the Director a research plan that—

3 “(1) is consistent with the priorities and mis-  
4 sion of the Institute and the mission of the Ad-  
5 vanced Development Center; and

6 “(2) describes how the Advanced Development  
7 Center will use the performance management system  
8 described in section 185 to assess and improve the  
9 activities of the Advanced Development Center.

10 “(c) TRAINING PROGRAM.—The Advanced Develop-  
11 ment Commissioner may establish a program to train em-  
12 ployees of public and private educational agencies, organi-  
13 zations, and institutions and may establish a fellowship  
14 program to appoint such employees as temporary fellows  
15 at the Advanced Development Center in order to assist  
16 the Advanced Development Center in carrying out its du-  
17 ties.

18 “(d) COLLABORATION.—

19 “(1) IN GENERAL.—In carrying out the duties  
20 under this section, the Advanced Development Com-  
21 missioner may award grants and cash prizes, enter  
22 into contracts and cooperative agreements, and pro-  
23 vide technical assistance.

24 “(2) ENTITIES.—In awarding grants and cash  
25 prizes and entering into contracts and cooperative

1 agreements under paragraph (1), the Advanced De-  
2 velopment Commissioner shall—

3 “(A) solicit applications from public and  
4 private entities; and

5 “(B) build research collaborations between  
6 a variety of stakeholders—

7 “(i) from the private and public sec-  
8 tors; and

9 “(ii) with expertise in education prac-  
10 tices, including teachers, principals and  
11 other school leaders, and local and State  
12 educational agency leaders.

13 “(3) APPLICABLE PROGRAMS.—For purposes of  
14 carrying out an applicable program under subsection  
15 (f)(2), a program manager may enter into contracts  
16 and cooperative agreements in the manner described  
17 in paragraph (2).

18 “(e) EVALUATION AND DISSEMINATION.—

19 “(1) EVALUATION.—

20 “(A) IN GENERAL.—The Advanced Devel-  
21 opment Commissioner shall obtain independent,  
22 periodic, and rigorous evaluation of—

23 “(i) the effectiveness of the processes  
24 that the Advanced Development Center is

1 using to achieve the mission described in  
2 section 195(b);

3 “(ii) the relevance, accessibility, and  
4 utility of the awards made and trans-  
5 actions entered into under subsection (d)  
6 to education practitioners; and

7 “(iii) the effectiveness of the projects  
8 carried out through such awards and  
9 transactions, using evidence standards de-  
10 veloped in consultation with the Institute  
11 of Education Sciences, and the suitability  
12 of such projects for further investment or  
13 increased scale.

14 “(B) BEST PRACTICES.—The Advanced  
15 Development Commissioner shall assess the in-  
16 formation obtained from the evaluation and  
17 identify best practices for the Advanced Devel-  
18 opment Center.

19 “(2) DISSEMINATION.—

20 “(A) IN GENERAL.—The Advanced Devel-  
21 opment Center shall disseminate, through the  
22 entities listed in subparagraph (B), information  
23 obtained from the evaluation under paragraph  
24 (1) and any other information determined to be  
25 relevant by the Advanced Development Commis-

1 sioner with respect to effective practices and  
2 technologies developed under the Advanced De-  
3 velopment Center, as appropriate, to—

4 “(i) education professionals, including  
5 teachers, principals, and local and State  
6 superintendents; and

7 “(ii) parents.

8 “(B) ENTITIES.—The Advanced Develop-  
9 ment Center shall distribute the information de-  
10 scribed in subparagraph (A) through—

11 “(i) the comprehensive centers estab-  
12 lished under 203 of the Educational Tech-  
13 nical Assistance Act of 2002 (20 U.S.C.  
14 9602);

15 “(ii) the regional laboratories system  
16 established under section 174 of the Edu-  
17 cation Sciences Reform Act (20 U.S.C.  
18 9564); and

19 “(iii) such other means as the Ad-  
20 vanced Development Commissioner, in con-  
21 sultation with the Director and the Sec-  
22 retary, determines to be appropriate.

23 “(3) USE AND ADOPTION.—The Advanced De-  
24 velopment Commissioner shall support the use and

1 adoption of the best practices identified in para-  
2 graph (1)(B) at all levels of education and training.

3 “(f) HIRING.—

4 “(1) IN GENERAL.—Notwithstanding section  
5 188, the Advanced Development Commissioner, with  
6 the approval of and in collaboration with the Direc-  
7 tor, shall—

8 “(A) make appointments of scientific, engi-  
9 neering, and professional personnel, which may  
10 include temporary or time-limited appointments  
11 as determined by the Director to be necessary  
12 to carry out the mission described in section  
13 195(b), without regard to the provisions of title  
14 5, United States Code, governing appointment  
15 in the competitive service and fix the compensa-  
16 tion of such personnel at a rate to be deter-  
17 mined by the Director;

18 “(B) hire staff with sufficient qualifica-  
19 tions and expertise (as determined by the Com-  
20 missioner in consultation with the Director) to  
21 enable the Advanced Development Center to  
22 carry out the duties described in subsection (a)  
23 in conjunction with other operations of the In-  
24 stitute, without regard to the provisions of title  
25 5, United States Code, governing appointment

1 in the competitive service and fix the compensa-  
2 tion of such staff at a rate to be determined by  
3 the Director; and

4 “(C) use all existing authorities of the Di-  
5 rector to hire administrative, financial, and cler-  
6 ical staff as necessary to carry out this sub-  
7 section and pay such staff in accordance with  
8 the provisions of chapter 51 and subchapter III  
9 of chapter 53 of title 5, United States Code, re-  
10 lating to classification and General Schedule  
11 pay rates.

12 “(2) PROGRAM MANAGERS.—

13 “(A) IN GENERAL.—The Advanced Devel-  
14 opment Commissioner, with the approval of and  
15 in collaboration with the Director, shall des-  
16 ignate staff appointed or hired under subpara-  
17 graphs (A) or (B) of paragraph (1), respec-  
18 tively, to serve as program managers for the  
19 Advanced Development Center.

20 “(B) DUTIES.—A program manager shall  
21 be responsible for—

22 “(i) establishing research and develop-  
23 ment goals for an applicable program, in-  
24 cluding by developing and hosting work-  
25 shops and consulting with outside experts;

1 “(ii) publicizing such goals;

2 “(iii) soliciting applications from eligi-  
3 ble entities for projects that advance such  
4 goals and contribute to making rapid ad-  
5 vances in teaching and learning, to be sub-  
6 mitted by such entities at such time, in  
7 such manner, and containing such infor-  
8 mation as the program manager, in con-  
9 junction with the Advanced Development  
10 Commissioner, may require;

11 “(iv) selecting, on a competitive basis,  
12 such projects to be supported under an ap-  
13 plicable program, taking into consider-  
14 ation—

15 “(I) the novelty and scientific  
16 and technical merit of a proposed  
17 project;

18 “(II) the demonstrated capabili-  
19 ties of the eligible entity to success-  
20 fully carry out such proposed project;

21 “(III) the extent to which the eli-  
22 gible entity considered, as part of the  
23 application submitted under clause  
24 (iii), future commercial applications of  
25 a proposed project to increase the

1 likelihood of scalability of such  
2 project; and

3 “(IV) such other criteria as the  
4 program manager, in conjunction with  
5 the Advanced Development Commis-  
6 sioner, may require;

7 “(v) terminating such projects, as ap-  
8 plicable; and

9 “(vi) establishing the research collabo-  
10 rations described in subsection (d)(3).

11 “(C) DEFINITIONS.—In this paragraph:

12 “(i) APPLICABLE PROGRAM.—The  
13 term ‘applicable program’ means a pro-  
14 gram—

15 “(I) for which a project manager  
16 establishes research and development  
17 goals;

18 “(II) that supports projects  
19 aligned with such goals; and

20 “(III) that receives funds from  
21 the Advanced Development Center.

22 “(ii) ELIGIBLE ENTITY.—The term  
23 ‘eligible entity’ means—

24 “(I) a State educational agency;

25 “(II) a local educational agency;

1                   “(III) a public or private non-  
2                   profit institution of higher education;

3                   “(IV) a nonprofit educational or-  
4                   ganization; and

5                   “(V) a federally funded research  
6                   and development center.

7   **“SEC. 198. ADVISORY PANEL.**

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

15           “(b) DUTIES.—

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

20                           “(A) identifies, analyzes, and evaluates the  
21                           state of—

22                                   “(i) education research and develop-  
23                                   ment; and

24                                   “(ii) education research priorities at  
25                                   the State and local levels;

1           “(B) identifies and promotes advances in  
2           teaching and learning; and

3           “(C) highlights factors that can have an  
4           impact on student learning outcomes, with par-  
5           ticular attention to opportunity and achieve-  
6           ment disparities for students, including the fac-  
7           tors addressed in section 195(b)(6).

8           “(2) SUBMISSION AND PUBLICATION.—Not  
9           later than 1 month after the date on which the re-  
10          port described in paragraph (1) is created and not  
11          later than 1 month after each subsequent update of  
12          such report, the advisory panel shall—

13           “(A) submit such report to—

14           “(i) the Advanced Development Com-  
15           missioner;

16           “(ii) the Director;

17           “(iii) the Secretary;

18           “(iv) the Committee on Appropria-  
19           tions of the House of Representatives;

20           “(v) the Committee on Appropriations  
21           of the Senate;

22           “(vi) the Committee on Education and  
23           the Workforce of the House of Representa-  
24           tives; and

1                   “(vii) the Committee on Health, Edu-  
2                   cation, Labor, and Pensions of the Senate;  
3                   and

4                   “(B) make such report publicly available  
5                   on the website of the Institute.

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

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

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

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

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

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

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

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

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

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

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

12          **“SEC. 199. COMMUNITY-INFORMED DEFINED.**

13          “In this part, the term ‘community-informed’ means  
14          to be informed by input from State educational agencies,  
15          local educational agencies, parents, students, and edu-  
16          cation practitioners, including teachers, principals, and  
17          other school leaders within the community or regional area  
18          where activities planned and carried out by the Advanced  
19          Development Center will occur.

20          **“SEC. 200. AUTHORIZATION OF APPROPRIATIONS.**

21          “(a) **IN GENERAL.**—There are authorized to be ap-  
22          propriated to carry out this part \$500,000,000 for each  
23          of fiscal years 2024 through 2028.



1 application in such form, at such time, and containing  
2 such information as the Secretary determines appropriate.

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

5 “(1) modernize data infrastructure and ana-  
6 lytics capacity to—

7 “(A) use and integrate data across edu-  
8 cation, workforce, nutrition, and other social  
9 service systems into SLDS, including—

10 “(i) early childhood education;

11 “(ii) elementary and secondary edu-  
12 cation;

13 “(iii) career and technical education;

14 “(iv) postsecondary education; and

15 “(v) workforce development programs  
16 supported by the—

17 “(I) Department of Education;

18 “(II) Department of Labor;

19 “(III) Department of Health and  
20 Human Services;

21 “(IV) Department of Agriculture;

22 “(V) Department of Defense; and

23 “(VI) Department of Commerce;

1           “(B) improve access to, and use of, data  
2           integrated across the systems described in sub-  
3           paragraph (A);

4           “(2) increase the capacity of staff at the eligible  
5           entity to oversee, maintain, support, and operate  
6           SLDS;

7           “(3) ensure the technical quality, including va-  
8           lidity and reliability, of the data described in para-  
9           graph (1);

10          “(4) promote linkages and use across States  
11          and systems, including with respect to—

12                 “(A) early childhood education;

13                 “(B) elementary and secondary education;

14                 “(C) postsecondary education; and

15                 “(D) workforce, including—

16                         “(i) employment;

17                         “(ii) healthcare; and

18                         “(iii) social services, including nutri-  
19                         tion;

20          “(5) meet Federal and State law requirements  
21          with respect to protecting the privacy of individuals,  
22          including student privacy rights guaranteed by sec-  
23          tion 444 of the General Education Provisions Act  
24          (20 U.S.C. 1232g) (commonly referred to as the

1 ‘Family Educational Rights and Privacy Act of  
2 1974’);

3 “(6) provide, prior to beginning employment  
4 and on a regular basis thereafter, training to local  
5 and State employees, including school leaders and  
6 teachers, with respect to maintaining privacy of per-  
7 sonally identifiable information and securely utilizing  
8 data from SLDS to improve education and work-  
9 force practice, policy, and outcomes;

10 “(7) promote the creation and management of  
11 accurate data that are needed—

12 “(A) for State and local educational, labor,  
13 workforce, health, social services, and other rel-  
14 evant agencies to comply with Federal and  
15 State laws and reporting requirements;

16 “(B) to better understand and address  
17 achievement and opportunity gaps in education,  
18 employment, health, and social services; and

19 “(C) to enable, facilitate, and participate  
20 in research within a State and across States to  
21 improve student academic achievement, close  
22 education and employment gaps and gaps re-  
23 lated to access to health care and social serv-  
24 ices, and improve student, worker, and family  
25 outcomes; and

1           “(8) support continual improvement of edu-  
2           cation, workforce, health, and social services pro-  
3           grams and systems, including by better under-  
4           standing whether such programs and systems are—

5                   “(A) serving students, workers, and fami-  
6                   lies, with a focus on underserved students,  
7                   workers, and families;

8                   “(B) supporting the attainment of key  
9                   education, employment, health, social services,  
10                  and other relevant outcomes, including sus-  
11                  tained increases in wages;

12                  “(C) making data available, in a way that  
13                  protects personally identifiable student informa-  
14                  tion, to researchers and encouraging partner-  
15                  ships to make information actionable;

16                  “(D) achieving positive outcomes for the  
17                  students, workers, families, and other demo-  
18                  graphics that such programs and systems are  
19                  intended to serve; and

20                  “(E) engaging with diverse stakeholders to  
21                  receive input and share information.

22           “(d) FUNDS.—

23                   “(1) SUPPLEMENT, NOT SUPPLANT.—Funds  
24                  made available under this section shall be used to  
25                  supplement, and not supplant, other Federal, State,

1 or local funds used for developing Statewide longitu-  
2 dinal data systems.

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

7 “(e) REPORT.—

8 “(1) IN GENERAL.—The Secretary, in consulta-  
9 tion with the National Academies Committee on Na-  
10 tional Statistics, shall make publicly available a re-  
11 port on the implementation and effectiveness of the  
12 activities carried out by eligible entities with grant  
13 funds awarded under this section including by—

14 “(A) identifying and analyzing State prac-  
15 tices regarding the development and use of  
16 Statewide longitudinal data systems;

17 “(B) evaluating the ability of such systems  
18 to manage individual student data consistent  
19 with the Elementary and Secondary Education  
20 Act of 1965 (20 U.S.C. 6301 et seq.), promote  
21 linkages across States, and protect student pri-  
22 vacy consistent with section 183; and

23 “(C) identifying best practices and areas  
24 for improvement.

1           “(2) TIMING.—The report required under para-  
2 graph (1) shall be submitted—

3           “(A) not later than 1 year after the date  
4 of the enactment of this section; and

5           “(B) not later than 4 years after the date  
6 of the enactment of this section.

7           “(f) ELIGIBLE ENTITY DEFINED.—In this section,  
8 the term ‘eligible entity’ means—

9           “(1) a State;

10           “(2) a State educational agency;

11           “(3) a State workforce development board;

12           “(4) a State higher education agency (as such  
13 term is defined under section 103 of the Higher  
14 Education Act of 1965 (20 U.S.C. 1003(22))); and

15           “(5) other statewide data governance bodies or  
16 organizations managing or overseeing the SLDS of  
17 a State, as determined and designated by the Gov-  
18 ernor.

19           “(g) AUTHORIZATION OF APPROPRIATIONS.—There  
20 are authorized to be appropriated to carry out this sec-  
21 tion—

22           “(1) \$500,000,000 for fiscal year 2024; and

23           “(2) for each fiscal year thereafter, not less  
24 than the amount appropriated for fiscal year 2023.”.