



(Original Signature of Member)

113TH CONGRESS  
1ST SESSION

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

To direct the Secretary of Education to carry out the Advanced Research Projects Agency-Education to fund directed development projects to support targeted breakthroughs in teaching and learning.

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IN THE HOUSE OF REPRESENTATIVES

Mr. GEORGE MILLER of California introduced the following bill; which was referred to the Committee on \_\_\_\_\_

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**A BILL**

To direct the Secretary of Education to carry out the Advanced Research Projects Agency-Education to fund directed development projects to support targeted breakthroughs in teaching and learning.

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 “ARPA-ED” Act.

1 **SEC. 2. ESTABLISHMENT OF THE ADVANCED RESEARCH**  
2 **PROJECT AGENCY-EDUCATION.**

3 (a) PROGRAM ESTABLISHED.—From the amounts  
4 appropriated for section 14007 of division A of the Amer-  
5 ican Recovery and Reinvestment Act of 2009 (Public Law  
6 111–5), the Secretary of Education may reserve up to 30  
7 percent to—

8 (1) establish and carry out the Advanced Re-  
9 search Projects Agency-Education (in this Act re-  
10 ferred to as “ARPA–ED”) to—

11 (A) identify and promote advances in  
12 learning, fundamental and applied sciences, and  
13 engineering that may be translated into new  
14 learning technologies;

15 (B) develop, test, and evaluate new learn-  
16 ing technologies and related processes; and

17 (C) accelerate transformational techno-  
18 logical advances in education;

19 (2) convene an advisory panel under subsection  
20 (d); and

21 (3) carry out the evaluation and dissemination  
22 requirements under subsection (e).

23 (b) APPOINTMENTS.—

24 (1) DIRECTOR.—ARPA–ED shall be under the  
25 direction of the Director of ARPA–ED, who shall be  
26 appointed by the Secretary.

1           (2) QUALIFIED INDIVIDUALS.—The Secretary  
2 shall appoint, for a term of not more than 4 years,  
3 qualified individuals who represent scientific, engi-  
4 neering, professional, and other personnel with ex-  
5 pertise in carrying out the activities described in this  
6 section to positions in ARPA–ED, at rates of com-  
7 pensation determined by the Secretary, without re-  
8 gard to the provisions of title 5, United States Code,  
9 except that such rates of compensation shall not to  
10 exceed the rate for level I of the Executive Schedule  
11 under section 5312 of such title.

12       (c) FUNCTIONS OF ARPA–ED.—Upon consultation  
13 with the advisory panel convened under subsection (d), the  
14 Secretary shall select public and private entities to carry  
15 out the activities described in subsection (a)(1) by—

16           (1) awarding such entities grants, contracts, co-  
17 operative agreements, or cash prizes; or

18           (2) entering into such other transactions with  
19 such entities as the Secretary may prescribe in regu-  
20 lations.

21       (d) ADVISORY PANEL.—

22           (1) IN GENERAL.—The Secretary shall convene  
23 an advisory panel to advise and consult with the  
24 Secretary, Director, and the qualified individuals ap-  
25 pointed under subsection (b)(2) on—

1 (A) ensuring that the awards made and  
2 transaction entered into under subsection (e)  
3 are consistent with the purposes described in  
4 subsection (a)(1); and

5 (B) ensuring the relevance, accessibility,  
6 and utility of such awards and transactions to  
7 education practitioners.

8 (2) APPOINTMENT OF MEMBERS.—The Sec-  
9 retary shall appoint the following qualified individ-  
10 uals to serve on the advisory panel:

11 (A) Education practitioners.

12 (B) Experts in technology.

13 (C) Specialists in rapid gains in student  
14 achievement and school turnaround.

15 (D) Specialists in personalized learning.

16 (E) Researchers, including at least one  
17 representative from a comprehensive center es-  
18 tablished under 203 of the Educational Tech-  
19 nical Assistance Act of 2002 (20 U.S.C. 9602)  
20 or the regional laboratories system established  
21 under section 174 of the Education Sciences  
22 Reform Act (20 U.S.C. 9564).

23 (F) Other individuals with expertise who  
24 will contribute to the overall rigor and quality  
25 of ARPA–ED.

1           (3) APPLICABILITY OF FACa.—The Federal Ad-  
2       visory Committee Act (5 App. U.S.C.) shall not  
3       apply to the panel convened under this subsection  
4       and any appointee to such panel shall not be consid-  
5       ered an “employee” under section 2105 of title 5,  
6       United States Code.

7       (e) EVALUATION AND DISSEMINATION.—

8           (1) EVALUATION.—The Secretary shall obtain  
9       independent, periodic, and rigorous evaluation of—

10           (A) the effectiveness of the processes  
11       ARPA–Ed is using to achieve the purposes de-  
12       scribed in subsection (a)(1);

13           (B) the relevance, accessibility, and utility  
14       of the awards made and transactions entered  
15       into under subsection (c) to education practi-  
16       tioners; and

17           (C) the effectiveness of the projects carried  
18       out through such awards and transactions,  
19       using evidence standards developed in consulta-  
20       tion with the Institute of Education Sciences,  
21       and the suitability of such projects for further  
22       investment or increased scale.

23           (2) DISSEMINATION AND USE.—The Secretary  
24       shall disseminate information to education practi-  
25       tioners, including teachers, principals, and local and

1 State superintendents, on effective practices and  
2 technologies developed under ARPA–ED, as appro-  
3 priate, through—

4 (A) the comprehensive centers established  
5 under 203 of the Educational Technical Assist-  
6 ance Act of 2002 (20 U.S.C. 9602);

7 (B) the regional laboratories system estab-  
8 lished under section 174 of the Education  
9 Sciences Reform Act (20 U.S.C. 9564); and

10 (C) such other means as the Secretary de-  
11 termines to be appropriate.

12 (f) ADMINISTRATIVE REQUIREMENTS.—Notwith-  
13 standing section 437(d) of the General Education Provi-  
14 sions Act (20 U.S.C. 1232(d)), the Secretary shall estab-  
15 lish such processes as may be necessary for the Secretary  
16 to manage and administer ARPA–ED, which are not con-  
17 strained by other Department-wide administrative require-  
18 ments that may prevent ARPA–ED from carrying out the  
19 purposes described in subsection (a)(1).

20 (g) DEFINITIONS.—For purposes of this Act:

21 (1) DEPARTMENT.—The term “Department”  
22 means the Department of Education.

23 (2) DIRECTOR.—The term “Director” means  
24 the Director of ARPA–ED.

1           (3) SECRETARY.—The term “Secretary” means  
2           the Secretary of Education.