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.

IN THE HOUSE OF REPRESENTATIVES

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

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

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

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

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

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

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

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

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

(b) Appointments.—

(1) Director.—ARPA-ED shall be under the
direction of the Director of ARPA-ED, who shall be
appointed by the Secretary.
(2) QUALIFIED INDIVIDUALS.—The Secretary shall appoint, for a term of not more than 4 years, qualified individuals who represent scientific, engineering, professional, and other personnel with expertise in carrying out the activities described in this section to positions in ARPA-ED, at rates of compensation determined by the Secretary, without regard to the provisions of title 5, United States Code, except that such rates of compensation shall not to exceed the rate for level 1 of the Executive Schedule under section 5312 of such title.

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

(1) awarding such entities grants, contracts, cooperative agreements, or cash prizes; or

(2) entering into such other transactions with such entities as the Secretary may prescribe in regulations.

(d) ADVISORY PANEL.—

(1) IN GENERAL.—The Secretary shall convene an advisory panel to advise and consult with the Secretary, Director, and the qualified individuals appointed under subsection (b)(2) on—
(A) ensuring that the awards made and transaction entered into under subsection (e) are consistent with the purposes described in subsection (a)(1); and

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

(2) APPOINTMENT OF MEMBERS.—The Secretary shall appoint the following qualified individuals to serve on the advisory panel:

(A) Education practitioners.

(B) Experts in technology.

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

(D) Specialists in personalized learning.

(E) Researchers, including at least one representative from a comprehensive center established under 203 of the Educational Technical Assistance Act of 2002 (20 U.S.C. 9602) or the regional laboratories system established under section 174 of the Education Sciences Reform Act (20 U.S.C. 9564).

(F) Other individuals with expertise who will contribute to the overall rigor and quality of ARPA–ED.
(3) APPLICABILITY OF FACA.—The Federal Ad-
visory Committee Act (5 App. U.S.C.) shall not
apply to the panel convened under this subsection
and any appointee to such panel shall not be consid-
ered an "employee" under section 2105 of title 5,
United States Code.
(e) EVALUATION AND DISSEMINATION.—
(1) EVALUATION.—The Secretary shall obtain
independent, periodic, and rigorous evaluation of—
(A) the effectiveness of the processes
ARPA–Ed is using to achieve the purposes de-
scribed in subsection (a)(1);
(B) the relevance, accessibility, and utility
of the awards made and transactions entered
into under subsection (c) to education practi-
tioners; and
(C) the effectiveness of the projects carried
out through such awards and transactions,
using evidence standards developed in consulta-
tion with the Institute of Education Sciences,
and the suitability of such projects for further
investment or increased scale.
(2) DISSEMINATION AND USE.—The Secretary
shall disseminate information to education practi-
tioners, including teachers, principals, and local and
State superintendents, on effective practices and
technologies developed under ARPA–ED, as appro-
priate, through—

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

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

(C) such other means as the Secretary de-
determines to be appropriate.

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

(g) Definitions.—For purposes of this Act:

(1) Department.—The term "Department"
means the Department of Education.

(2) Director.—The term "Director" means
the Director of ARPA–ED.
(3) Secretary.—The term "Secretary" means the Secretary of Education.