

(3) An explanation of how the projects and instrumentation acquisitions described in paragraph (2) relate to the deficiencies and priorities identified pursuant to subsection (a).

(Pub. L. 110-69, title I, §1007, Aug. 9, 2007, 121 Stat. 580.)

CODIFICATION

Section was enacted as part of the America COMPETES Act, also known as the America Creating Opportunities to Meaningfully Promote Excellence in Technology, Education, and Science Act, and not as part of the National Science and Technology Policy, Organization, and Priorities Act of 1976 which comprises this chapter.

§ 6620. Release of scientific research results

(a) Principles

Not later than 90 days after August 9, 2007, the Director of the Office of Science and Technology Policy, in consultation with the Director of the Office of Management and Budget and the heads of all Federal civilian agencies that conduct scientific research, shall develop and issue an overarching set of principles to ensure the communication and open exchange of data and results to other agencies, policymakers, and the public of research conducted by a scientist employed by a Federal civilian agency and to prevent the intentional or unintentional suppression or distortion of such research findings. The principles shall encourage the open exchange of data and results of research undertaken by a scientist employed by such an agency and shall be consistent with existing Federal laws, including chapter 18 of title 35 (commonly known as the “Bayh-Dole Act”). The principles shall also take into consideration the policies of peer-reviewed scientific journals in which Federal scientists may currently publish results.

(b) Implementation

Not later than 180 days after August 9, 2007, the Director of the Office of Science and Technology Policy shall ensure that all civilian Federal agencies that conduct scientific research develop specific policies and procedures regarding the public release of data and results of research conducted by a scientist employed by such an agency consistent with the principles established under subsection (a). Such policies¹ and procedures shall—

- (1) specifically address what is and what is not permitted or recommended under such policies and procedures;
- (2) be specifically designed for each such agency;
- (3) be applied uniformly throughout each such agency; and
- (4) be widely communicated and readily accessible to all employees of each such agency and the public.

(Pub. L. 110-69, title I, §1009, Aug. 9, 2007, 121 Stat. 581.)

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Section was enacted as part of the America COMPETES Act, also known as the America Creating Op-

portunities to Meaningfully Promote Excellence in Technology, Education, and Science Act, and not as part of the National Science and Technology Policy, Organization, and Priorities Act of 1976 which comprises this chapter.

§ 6621. Coordination of Federal STEM education

(a) Establishment

The Director shall establish a committee under the National Science and Technology Council, including the Office of Management and Budget, with the responsibility to coordinate Federal programs and activities in support of STEM education, including at the National Science Foundation, the Department of Energy, the National Aeronautics and Space Administration, the National Oceanic and Atmospheric Administration, the Department of Education, and all other Federal agencies that have programs and activities in support of STEM education.

(b)¹ Responsibilities

The committee established under subsection (a) shall—

- (1) coordinate the STEM education activities and programs of the Federal agencies;
- (2) coordinate STEM education activities and programs with the Office of Management and Budget;
- (3) encourage the teaching of innovation and entrepreneurship as part of STEM education activities;
- (4) review STEM education activities and programs to ensure they are not duplicative of similar efforts within the Federal government;
- (5) develop, implement through the participating agencies, and update once every 5 years a 5-year STEM education strategic plan, which shall—
 - (A) specify and prioritize annual and long-term objectives;
 - (B) specify the common metrics that will be used to assess progress toward achieving the objectives;
 - (C) describe the approaches that will be taken by each participating agency to assess the effectiveness of its STEM education programs and activities; and
 - (D) with respect to subparagraph (A), describe the role of each agency in supporting programs and activities designed to achieve the objectives; and

(6) establish, periodically update, and maintain an inventory of federally sponsored STEM education programs and activities, including documentation of assessments of the effectiveness of such programs and activities and rates of participation by women, underrepresented minorities, and persons in rural areas in such programs and activities.

(b)¹ Responsibilities of OSTP

The Director shall encourage and monitor the efforts of the participating agencies to ensure that the strategic plan under subsection (b)(5) is developed and executed effectively and that the objectives of the strategic plan are met.

(c) Report

The Director shall transmit a report annually to Congress at the time of the President’s budg-

¹ So in original. Probably should be “policies”.

¹ So in original. Two subsecs. (b) have been enacted.