

equal ability, and there are not sufficient scholarships available to award one to each of such applicants, the available scholarship or scholarships shall be awarded to the applicants in a manner that will tend to result in a geographically wide distribution throughout the United States recipients' places of permanent residence.

(3) Omitted

(4) Authorization

Of amounts authorized for the Directorate for Technology, Innovation, and Partnerships, \$100,000,000 shall be authorized to carry out this subsection.

(g) Existing programs

The Director may use or augment existing STEM education programs of the Foundation and leverage education or entrepreneurial partners to carry out this section.

(Pub. L. 117-167, div. B, title III, §10393, Aug. 9, 2022, 136 Stat. 1589.)

Editorial Notes

REFERENCES IN TEXT

Section 1101(a) of title 8 and section 1157 of title 8, referred to in subsec. (f)(2)(A)(i), were so in the original, but probably should have been references to sections 101(a) and 207 of the Immigration and Nationality Act, act June 27, 1952, ch. 477, which are classified to sections 1101(a) and 1157 of Title 8, Aliens and Nationality.

Section 1001(a) of title 20, referred to in subsec. (f)(2)(A)(iii), was so in the original, but probably should have been a reference to section 101(a) of the Higher Education Act of 1965, Pub. L. 89-329, which is classified to section 1001(a) of Title 20, Education.

CODIFICATION

Section is comprised of section 10393 of Pub. L. 117-167. Subsec. (f)(3) of section 10393 of Pub. L. 117-167 amended section 1869c of this title.

§ 19114. Research and development awards

(a) In general

From amounts made available for the Directorate, the Director shall make awards, on a competitive basis, for research and technology development within the key technology focus areas, including investments that advance solutions to the challenges under section 19107 of this title.

(b) Purpose

The purpose of the awards under this section shall be to accelerate technological advances and technology adoption in the key technology focus areas.

(c) Recipients

Recipients of funds under this section may include institutions of higher education, research institutions, non-profit organizations, private sector entities, consortia, or other entities as defined by the Director.

(d) Metrics

The Director may set metrics, including goals and deadlines, for the development and demonstration of technology as determined in the terms of the award, and may use such metrics to

determine whether an award recipient shall be eligible for continued or follow-on funding.

(e) Short term technology deployment

The Director shall also make awards, including through the SBIR and STTR programs (as defined in section 638(e) of title 15), to expedite short-term technology deployment within a period of no longer than 24 months.

(f) Selection criteria

In selecting recipients for an award under this section, the Director shall consider, at a minimum—

(1) the relevance of the project to the challenges and the key technology focus areas under section 19107 of this title, and the potential of the project to result in transformational advances for such challenges and the key technology focus areas;

(2) the current status of similar technology, the limits of current practice, and the novelty and risks of the proposed project;

(3) the ethical, societal, safety, and security implications relevant to the application of the technology;

(4) the appropriateness of quantitative goals and metrics for evaluating the project and a plan for evaluating those metrics; and

(5) the path for developing and, as appropriate, commercializing the technology into products and processes in the United States.

(g) Authorization of appropriations

From within funds authorized for the Directorate for Technology, Innovation, and Partnerships, there are authorized to carry out the activities under this section \$1,000,000,000 for fiscal years 2023 through 2027.

(Pub. L. 117-167, div. B, title III, §10394, Aug. 9, 2022, 136 Stat. 1591.)

§ 19115. Scaling innovations in PreK-12 STEM education

(a) In general

Taking into consideration the recommendations under section 18991(a)(4) of this title, the Director shall make awards, on a competitive, merit-reviewed basis, to establish multidisciplinary Centers for Transformative Education Research and Translation (in this section referred to as “Centers”) to support research and development on widespread and sustained implementation of STEM education innovations.

(b) Eligibility

The entity seeking an award for a Center under this section must be an institution of higher education, a nonprofit organization, or a consortium of such institutions or organizations, which may include a STEM ecosystem.

(c) Application

An eligible entity under subsection (b) seeking an award under this section shall submit an application to the Director at such time, in such manner, and containing such information as the Director may require. The application shall include, at a minimum, a description of how the proposed Center will be used to—

(1) establish partnerships among academic institutions, local or State educational agen-