

(2) Director

HSARPA shall be headed by a Director, who shall be appointed by the Secretary. The Director shall report to the Under Secretary.

(3) Responsibilities

The Director shall administer the Fund to award competitive, merit-reviewed grants, cooperative agreements or contracts to public or private entities, including businesses, federally funded research and development centers, and universities. The Director shall administer the Fund to—

(A) support basic and applied homeland security research to promote revolutionary changes in technologies that would promote homeland security;

(B) advance the development, testing and evaluation, and deployment of critical homeland security technologies;

(C) accelerate the prototyping and deployment of technologies that would address homeland security vulnerabilities; and

(D) conduct research and development for the purpose of advancing technology for the investigation of child exploitation crimes, including child victim identification, trafficking in persons, and child pornography, and for advanced forensics.

(4) Targeted competitions

The Director may solicit proposals to address specific vulnerabilities identified by the Director.

(5) Coordination

The Director shall ensure that the activities of HSARPA are coordinated with those of other relevant research agencies, and may run projects jointly with other agencies.

(6) Personnel

In hiring personnel for HSARPA, the Secretary shall have the hiring and management authorities described in section 1101¹ of the Strom Thurmond National Defense Authorization Act for Fiscal Year 1999 (5 U.S.C. 3104 note; Public Law 105-261). The term of appointments for employees under subsection (c)(1) of that section may not exceed 5 years before the granting of any extension under subsection (c)(2) of that section.

(7) Demonstrations

The Director, periodically, shall hold homeland security technology demonstrations to improve contact among technology developers, vendors and acquisition personnel.

(c) Fund**(1) Establishment**

There is established the Acceleration Fund for Research and Development of Homeland Security Technologies, which shall be administered by the Director of HSARPA.

(2) Authorization of appropriations

There are authorized to be appropriated \$500,000,000 to the Fund for fiscal year 2003 and such sums as may be necessary thereafter.

(3) Coast Guard

Of the funds authorized to be appropriated under paragraph (2), not less than 10 percent of

such funds for each fiscal year through fiscal year 2005 shall be authorized only for the Under Secretary, through joint agreement with the Commandant of the Coast Guard, to carry out research and development of improved ports, waterways and coastal security surveillance and perimeter protection capabilities for the purpose of minimizing the possibility that Coast Guard cutters, aircraft, helicopters, and personnel will be diverted from non-homeland security missions to the ports, waterways and coastal security mission.

(Pub. L. 107-296, title III, § 307, Nov. 25, 2002, 116 Stat. 2168; Pub. L. 114-22, title III, § 302(c), formerly § 302(d), May 29, 2015, 129 Stat. 255; renumbered § 302(d), Pub. L. 115-392, § 23(c)(2), Dec. 21, 2018, 132 Stat. 5264.)

Editorial Notes

REFERENCES IN TEXT

Section 1101 of the Strom Thurmond National Defense Authorization Act for Fiscal Year 1999, referred to in subsec. (b)(6), is section 1101 of Pub. L. 105-261, which was formerly set out as a note under section 3104 of Title 5, Government Organization and Employees, prior to repeal by Pub. L. 114-328, div. A, title XI, § 1121(b), Dec. 23, 2016, 130 Stat. 2452. See section 1599h of Title 10, Armed Forces.

AMENDMENTS

2015—Subsec. (b)(3)(D). Pub. L. 114-22 added subpar. (D).

§ 188. Conduct of research, development, demonstration, testing and evaluation**(a) In general**

The Secretary, acting through the Under Secretary for Science and Technology, shall carry out the responsibilities under section 182(4) of this title through both extramural and intramural programs.

(b) Extramural programs**(1) In general**

The Secretary, acting through the Under Secretary for Science and Technology, shall operate extramural research, development, demonstration, testing, and evaluation programs so as to—

(A) ensure that colleges, universities, private research institutes, and companies (and consortia thereof) from as many areas of the United States as practicable participate;

(B) ensure that the research funded is of high quality, as determined through merit review processes developed under section 182(14) of this title; and

(C) distribute funds through grants, cooperative agreements, and contracts.

(2) University-based centers for homeland security**(A) Designation**

The Secretary, acting through the Under Secretary for Science and Technology, shall designate a university-based center or several university-based centers for homeland security. The purpose of the center or these centers shall be to establish a coordinated, university-based system to enhance the Nation's homeland security.

¹ See References in Text note below.

(B) Criteria for designation

Criteria for the designation of colleges or universities as a center for homeland security, shall include, but are not limited to, demonstrated expertise in—

- (i) The training of first responders.
- (ii) Responding to incidents involving weapons of mass destruction and biological warfare.
- (iii) Emergency and diagnostic medical services.
- (iv) Chemical, biological, radiological, and nuclear countermeasures or detection.
- (v) Animal and plant health and diagnostics.
- (vi) Food safety.
- (vii) Water and wastewater operations.
- (viii) Port and waterway security.
- (ix) Multi-modal transportation.
- (x) Information security and information engineering.
- (xi) Engineering.
- (xii) Educational outreach and technical assistance.
- (xiii) Border transportation and security.
- (xiv) The public policy implications and public dissemination of homeland security related research and development.

(C) Discretion of Secretary

To the extent that exercising such discretion is in the interest of homeland security, and with respect to the designation of any given university-based center for homeland security, the Secretary may except certain criteria as specified in subparagraph (B) and consider additional criteria beyond those specified in subparagraph (B). Upon designation of a university-based center for homeland security, the Secretary shall that day publish in the Federal Register the criteria that were excepted or added in the selection process and the justification for the set of criteria that were used for that designation.

(D) Report to Congress

The Secretary shall report annually, from the date of enactment, to Congress concerning the implementation of this section. That report shall indicate which center or centers have been designated and how the designation or designations enhance homeland security, as well as report any decisions to revoke or modify such designations.

(E) Authorization of appropriations

There are authorized to be appropriated such sums as may be necessary to carry out this paragraph.

(c) Intramural programs**(1) Consultation**

In carrying out the duties under section 182 of this title, the Secretary, acting through the Under Secretary for Science and Technology, may draw upon the expertise of any laboratory of the Federal Government, whether operated by a contractor or the Government.

(2) Laboratories

The Secretary, acting through the Under Secretary for Science and Technology, may es-

tablish a headquarters laboratory for the Department at any laboratory or site and may establish additional laboratory units at other laboratories or sites.

(3) Criteria for headquarters laboratory

If the Secretary chooses to establish a headquarters laboratory pursuant to paragraph (2), then the Secretary shall do the following:

(A) Establish criteria for the selection of the headquarters laboratory in consultation with the National Academy of Sciences, appropriate Federal agencies, and other experts.

(B) Publish the criteria in the Federal Register.

(C) Evaluate all appropriate laboratories or sites against the criteria.

(D) Select a laboratory or site on the basis of the criteria.

(E) Report to the appropriate congressional committees on which laboratory was selected, how the selected laboratory meets the published criteria, and what duties the headquarters laboratory shall perform.

(4) Limitation on operation of laboratories

No laboratory shall begin operating as the headquarters laboratory of the Department until at least 30 days after the transmittal of the report required by paragraph (3)(E).

(Pub. L. 107-296, title III, §308, Nov. 25, 2002, 116 Stat. 2170; Pub. L. 108-7, div. L, §101(1), Feb. 20, 2003, 117 Stat. 526.)

Editorial Notes

REFERENCES IN TEXT

The date of enactment, referred to in subsec. (b)(2)(D), probably means the date of enactment of this section by Pub. L. 107-296, which was approved Nov. 25, 2002.

AMENDMENTS

2003—Subsecs. (a) to (c)(1). Pub. L. 108-7 added subsecs. (a) to (c)(1) and struck out former subsecs. (a) to (c)(1) which related to the responsibilities of the Secretary, acting through the Under Secretary for Science and Technology, to carry out the responsibilities under section 182(4) of this title through both extramural and intramural programs, to operate extramural research, development, demonstration, testing, and evaluation programs, to establish a coordinated, university-based system to enhance the Nation's homeland security, and to draw upon the expertise of any laboratory of the Federal Government.

§ 189. Utilization of Department of Energy national laboratories and sites in support of homeland security activities**(a) Authority to utilize national laboratories and sites****(1) In general**

In carrying out the missions of the Department, the Secretary may utilize the Department of Energy national laboratories and sites through any 1 or more of the following methods, as the Secretary considers appropriate:

(A) A joint sponsorship arrangement referred to in subsection (b).

(B) A direct contract between the Department and the applicable Department of En-