

(5) the extent to which the specified instrument will be shared and the benefit of the proposed instrument to the overall research community to be served.

**(b) Peer review**

In awarding grants under the program described in subsection (a), the Director of NIH, acting through the Office of the Director of NIH, shall comply with the peer review requirements in section 289a of this title.

(July 1, 1944, ch. 373, title IV, § 404L, formerly Pub. L. 106-505, title III, § 305, Nov. 13, 2000, 114 Stat. 2335; renumbered July 1, 1944, ch. 373, title IV, § 404L, and amended Pub. L. 112-74, div. F, title II, § 221(b)(4), Dec. 23, 2011, 125 Stat. 1088.)

**Editorial Notes**

**CODIFICATION**

Section was formerly set out as a note under section 287 of this title, prior to renumbering by Pub. L. 112-74.

**AMENDMENTS**

2011—Pub. L. 112-74, § 221(b)(4)(B)(iii), substituted “Director of NIH, acting through the Office of the Director of NIH,” for “Director of the National Center for Research Resources” in subssecs. (a) and (b).

Subsec. (a). Pub. L. 112-74, § 221(b)(4)(B)(ii), substituted “under the Shared Instrumentation Grant Program” for “under the program described in subsection (a)” in introductory provisions.

Pub. L. 112-74, § 221(b)(4)(B)(i), redesignated subsec. (b) as (a) and struck out former subsec. (a). Prior to amendment, text of subsec. (a) read as follows: “There is authorized to be appropriated \$100,000,000 for fiscal year 2000, and such sums as may be necessary for each subsequent fiscal year, to enable the Secretary of Health and Human Services, acting through the Director of the National Center for Research Resources, to provide for the continued operation of the Shared Instrumentation Grant Program (initiated in fiscal year 1992 under the authority of section 287 of this title).”

Subsec. (b). Pub. L. 112-74, § 221(b)(4)(B)(iv), substituted “in subsection (a), the” for “in subsection (a)” and made technical amendment to reference in original act which appears in text as reference to section 289a of this title.

Pub. L. 112-74, § 221(b)(4)(B)(i), redesignated subsec. (c) as (b). Former subsec. (b) redesignated (a).

Subsec. (c). Pub. L. 112-74, § 221(b)(4)(B)(i), redesignated subsec. (c) as (b).

**§ 283o. Next generation of researchers**

**(a) Next generation of researchers initiative**

There shall be established within the Office of the Director of the National Institutes of Health, the Next Generation of Researchers Initiative (referred to in this section as the “Initiative”), through which the Director shall coordinate all policies and programs within the National Institutes of Health that are focused on promoting and providing opportunities for new researchers and earlier research independence.

**(b) Activities**

The Director of the National Institutes of Health, through the Initiative shall—

(1) promote policies and programs within the National Institutes of Health that are focused on improving opportunities for new researchers and promoting earlier research independence, including existing policies and programs, as appropriate;

(2) develop, modify, or prioritize policies, as needed, within the National Institutes of Health to promote opportunities for new researchers and earlier research independence, such as policies to increase opportunities for new researchers to receive funding, enhance training and mentorship programs for researchers, and enhance workforce diversity;

(3) coordinate, as appropriate, with relevant agencies, professional and academic associations, academic institutions, and others, to improve and update existing information on the biomedical research workforce in order to inform programs related to the training, recruitment, and retention of biomedical researchers; and

(4) carry out other activities, including evaluation and oversight of existing programs, as appropriate, to promote the development of the next generation of researchers and earlier research independence.

(July 1, 1944, ch. 373, title IV, § 404M, as added Pub. L. 114-255, div. A, title II, § 2021(a), Dec. 13, 2016, 130 Stat. 1051.)

**§ 283p. Population focused research**

The Director of the National Institutes of Health shall, as appropriate, encourage efforts to improve research related to the health of sexual and gender minority populations, including by—

(1) facilitating increased participation of sexual and gender minority populations in clinical research supported by the National Institutes of Health, and reporting on such participation, as applicable;

(2) facilitating the development of valid and reliable methods for research relevant to sexual and gender minority populations; and

(3) addressing methodological challenges.

(July 1, 1944, ch. 373, title IV, § 404N, as added Pub. L. 114-255, div. A, title II, § 2038(d), Dec. 13, 2016, 130 Stat. 1065.)

**Statutory Notes and Related Subsidiaries**

**REPORTING**

Pub. L. 114-255, div. A, title II, § 2038(e), Dec. 13, 2016, 130 Stat. 1065, provided that:

“(1) IN GENERAL.—The Secretary, in collaboration with the Director of the National Institutes of Health, shall as appropriate—

“(A) continue to support research for the development of appropriate measures related to reporting health information about sexual and gender minority populations; and

“(B) not later than 2 years after the date of enactment of this Act [Dec. 13, 2016], disseminate and make public such measures.

“(2) NATIONAL ACADEMY OF MEDICINE RECOMMENDATIONS.—In developing the measures described in paragraph (1)(A), the Secretary shall take into account recommendations made by the National Academy of Medicine.”

**§ 283q. Eureka prize competitions**

**(a) In general**

Pursuant to the authorities and processes established under section 3719 of title 15, the Director of the National Institutes of Health shall support prize competitions for one or both of the following goals:

(1) Identifying and funding areas of biomedical science that could realize significant advancements through a prize competition.

(2) Improving health outcomes, particularly with respect to human diseases and conditions—

(A) for which public and private investment in research is disproportionately small relative to Federal Government expenditures on prevention and treatment activities with respect to such diseases and conditions, such that Federal expenditures on health programs would be reduced;

(B) that are serious and represent a significant disease burden in the United States; or

(C) for which there is potential for significant return on investment to the United States.

**(b) Tracking; reporting**

The Director of the National Institutes of Health shall—

(1) collect information on—

(A) the effect of innovations funded through the prize competitions under this section in advancing biomedical science or improving health outcomes pursuant to subsection (a); and

(B) the effect of the innovations on Federal expenditures; and

(2) include the information collected under paragraph (1) in the triennial report under section 283 of this title (as amended by section 2032).

(Pub. L. 114–255, div. A, title II, §2002, Dec. 13, 2016, 130 Stat. 1047.)

**Editorial Notes**

REFERENCES IN TEXT

Section 2032, referred to in subsec. (b)(2), means section 2032 of Pub. L. 114–255.

CODIFICATION

Section was enacted as part of the 21st Century Cures Act, and not as part of the Public Health Service Act which comprises this chapter.

**§ 283r. National Science Advisory Board for Biosecurity**

**(a) Establishment**

The Secretary, acting through the Director of NIH, shall establish an advisory committee, to be known as the “National Science Advisory Board for Biosecurity” (referred to in this section as the “Board”).

**(b) Duties**

**(1)<sup>1</sup> In general**

The National Science Advisory Board for Biosecurity referred to in section 205 of the Pandemic and All-Hazards Preparedness Act (Public Law 109–417) (referred to in this section as the “Board”) shall provide technical advice, guidance, or recommendations, to relevant Federal departments and agencies related to biosafety and biosecurity oversight of biomedical research, including—

(A) oversight of federally-conducted or federally-supported dual use biomedical research, such as the review of policies or frameworks used to assess and appropriately manage safety and security risks associated with such research, taking into consideration national security concerns, the potential benefits of such research, considerations related to the research community, transparency, and public availability of information, and international research collaboration; and

(B) continuing to carry out the activities required under section 205 of the Pandemic and All-Hazards Preparedness Act (Public Law 109–417).

**(c) Considerations**

In carrying out the duties under subsection (b), the Board may consider strategies to improve the safety and security of biomedical research, including through—

(1) leveraging or using new technologies and scientific advancements to reduce safety and security risks associated with such research and improve containment of pathogens; and

(2) outreach to, and education and training of, researchers, laboratory personnel, and other appropriate individuals with respect to safety and security risks associated with such research and mitigation of such risks.

**(d) Membership**

The Board shall be composed of the following:

(1) Non-voting, ex officio members, including the following:

(A) At least one representative of each of the following:

(i) The Department of Health and Human Services.

(ii) The Department of Defense.

(iii) The Department of Agriculture.

(iv) The Department of Homeland Security.

(v) The Department of Energy.

(vi) The Department of State.

(vii) The Office of Science and Technology Policy.

(viii) The Office of the Director of National Intelligence.

(B) Representatives of such other Federal departments or agencies as the Secretary determines appropriate to carry out the requirements of this section.

(2) Individuals, appointed by the Secretary, with expertise in biology, infectious diseases, public health, ethics, national security, and other fields, as the Secretary determines appropriate, who shall serve as voting members.

(July 1, 1944, ch. 373, title IV, §4040, as added Pub. L. 117–328, div. FF, title II, §2313(a), Dec. 29, 2022, 136 Stat. 5761.)

**Editorial Notes**

REFERENCES IN TEXT

Section 205 of the Pandemic and All-Hazards Preparedness Act, referred to in subsec. (b)(1), is section 205 of Pub. L. 109–417, which is set out as a note below.

<sup>1</sup> So in original. No par. (2) has been enacted.