

(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.

**PART B—GENERAL PROVISIONS RESPECTING NATIONAL RESEARCH INSTITUTES**

**§ 284. Directors of national research institutes**

**(a) Appointment**

**(1) In general**

The Director of the National Cancer Institute shall be appointed by the President, and the Directors of the other national research institutes and national centers shall be appointed by the Secretary, acting through the Director of National Institutes of Health. Each Director of a national research institute or national center shall report directly to the Director of National Institutes of Health.

**(2) Appointment**

**(A) Term**

A Director of a national research institute or national center who is appointed by the Secretary, acting through the Director of National Institutes of Health, shall be appointed for 5 years.

**(B) Reappointment**

At the end of the term of a Director of a national research institute or national center, the Director may be reappointed in accordance with standards applicable to the relevant appointment mechanism. There shall be no limit on the number of terms that a Director may serve.

**(C) Vacancies**

If the office of a Director of a national research institute or national center becomes vacant before the end of such Director's term, the Director appointed to fill the vacancy shall be appointed for a 5-year term starting on the date of such appointment.

**(D) Current directors**

Each Director of a national research institute or national center who is serving on December 13, 2016, shall be deemed to be appointed for a 5-year term under this subsection beginning on such date.

**(E) Rule of construction**

Nothing in this subsection shall be construed to limit the authority of the Secretary or the Director of National Institutes of Health to terminate the appointment of a director referred to in subparagraph (A) before the expiration of such director's 5-year term.

**(F) Nature of appointment**

Appointments and reappointments under this subsection shall be made on the basis of ability and experience as it relates to the mission of the National Institutes of Health and its components, including compliance with any legal requirement that the Secretary or Director of National Institutes of Health determines relevant.

**(3) Nonapplication of certain provision**

The restrictions contained in section 202 of the Departments of Labor, Health and Human Services, and Education, and Related Agencies Appropriations Act, 1993 (Public Law 102-394; 42 U.S.C. 238f note) related to consultants and individual scientists appointed for limited periods of time shall not apply to Directors appointed under this subsection.

**(b) Duties and authority; grants, contracts, and cooperative agreements**

(1) In carrying out the purposes of section 241 of this title with respect to human diseases or disorders or other aspects of human health for which the national research institutes were established, the Secretary, acting through the Director of each national research institute—

(A) shall encourage and support research, investigations, experiments, demonstrations, and studies in the health sciences related to—

- (i) the maintenance of health,
- (ii) the detection, diagnosis, treatment, and prevention of human diseases and disorders,
- (iii) the rehabilitation of individuals with human diseases, disorders, and disabilities, and
- (iv) the expansion of knowledge of the processes underlying human diseases, dis-

orders, and disabilities, the processes underlying the normal and pathological functioning of the body and its organ systems, and the processes underlying the interactions between the human organism and the environment;

(B) may, subject to the peer review prescribed under section 289a(b) of this title and any advisory council review under section 284a(a)(3)(A)(i) of this title, conduct the research, investigations, experiments, demonstrations, and studies referred to in subparagraph (A);

(C) shall, as appropriate, conduct and support research that has the potential to transform the scientific field, has inherently higher risk, and that seeks to address major current challenges;

(D) may conduct and support research training (i) for which fellowship support is not provided under section 288 of this title, and (ii) which is not residency training of physicians or other health professionals;

(E) may develop, implement, and support demonstrations and programs for the application of the results of the activities of the institute to clinical practice and disease prevention activities;

(F) may develop, conduct, and support public and professional education and information programs;

(G) may secure, develop and maintain, distribute, and support the development and maintenance of resources needed for research;

(H) may make available the facilities of the institute to appropriate entities and individuals engaged in research activities and cooperate with and assist Federal and State agencies charged with protecting the public health;

(I) may accept unconditional gifts made to the institute for its activities, and, in the case of gifts of a value in excess of \$50,000, establish suitable memorials to the donor;

(J) may secure for the institute consultation services and advice of persons from the United States or abroad;

(K) may use, with their consent, the services, equipment, personnel, information, and facilities of other Federal, State, or local public agencies, with or without reimbursement therefor;

(L) may accept voluntary and uncompensated services; and

(M) may perform such other functions as the Secretary determines are needed to carry out effectively the purposes of the institute.

The indemnification provisions of section 3861 of title 10 shall apply with respect to contracts entered into under this subsection and section 282(b) of this title.

(2) Support for an activity or program under this subsection may be provided through grants, contracts, and cooperative agreements. The Secretary, acting through the Director of each national research institute—

(A) may enter into a contract for research, training, or demonstrations only if the contract has been recommended after technical and scientific peer review required by regulations under section 289a of this title;

(B) may make grants and cooperative agreements under paragraph (1) for research, training, or demonstrations, except that—

(i) if the direct cost of the grant or cooperative agreement to be made does not exceed \$50,000, such grant or cooperative agreement may be made only if such grant or cooperative agreement has been recommended after technical and scientific peer review required by regulations under section 289a of this title, and

(ii) if the direct cost of the grant or cooperative agreement to be made exceeds \$50,000, such grant or cooperative agreement may be made only if such grant or cooperative agreement has been recommended after technical and scientific peer review required by regulations under section 289a of this title and is recommended under section 284a(a)(3)(A)(ii) of this title by the advisory council for the national research institute involved; and

(C) shall, subject to section 300cc–40c(d)(2) of this title, receive from the President and the Office of Management and Budget directly all funds appropriated by the Congress for obligation and expenditure by the Institute.

(3) Before an award is made by a national research institute or by a national center for a grant for a research program or project (commonly referred to as an “R-series grant”), other than an award constituting a noncompetitive renewal of such a grant, or a noncompetitive administrative supplement to such a grant, the Director of such national research institute or national center shall, consistent with the peer review process—

(A) review and make the final decision with respect to making the award; and

(B) take into consideration, as appropriate—

(i) the mission of the national research institute or national center and the scientific priorities identified in the strategic plan under section 282(m) of this title;

(ii) programs or projects funded by other agencies on similar research topics; and

(iii) advice by staff and the advisory council or board of such national research institute or national center.

**(c) Coordination with other public and private entities; cooperation with other national research institutes; appointment of additional peer review groups**

In carrying out subsection (b), each Director of a national research institute—

(1) shall coordinate, as appropriate, the activities of the institute with similar programs of other public and private entities;

(2) shall cooperate with the Directors of the other national research institutes in the development and support of multidisciplinary research and research that involves more than one institute;

(3) may, in consultation with the advisory council for the Institute and with the approval of the Director of NIH—

(A) establish technical and scientific peer review groups in addition to those appointed under section 282(b)(16) of this title; and

(B) appoint the members of peer review groups established under subparagraph (A); and

(4) may publish, or arrange for the publication of, information with respect to the purpose of the Institute without regard to section 501 of title 44.

The Federal Advisory Committee Act shall not apply to the duration of a peer review group appointed under paragraph (3).

(July 1, 1944, ch. 373, title IV, §405, as added Pub. L. 99–158, §2, Nov. 20, 1985, 99 Stat. 826; amended Pub. L. 100–607, title I, §116, Nov. 4, 1988, 102 Stat. 3053; Pub. L. 100–690, title II, §2613(c), Nov. 18, 1988, 102 Stat. 4239; Pub. L. 103–43, title III, §301(a)(1), (b), June 10, 1993, 107 Stat. 150; Pub. L. 109–482, title I, §102(f)(1)(B), Jan. 15, 2007, 120 Stat. 3685; Pub. L. 114–255, div. A, title II, §§2033(a), (b), 2036(c), Dec. 13, 2016, 130 Stat. 1057, 1058, 1063; Pub. L. 117–81, div. A, title XVII, §1702(j)(1)(B), Dec. 27, 2021, 135 Stat. 2159.)

### Editorial Notes

#### REFERENCES IN TEXT

The Federal Advisory Committee Act, referred to in subsec. (c), is Pub. L. 92–463, Oct. 6, 1972, 86 Stat. 770, as amended, which is set out in the Appendix to Title 5, Government Organization and Employees.

#### AMENDMENTS

2021—Subsec. (b)(1). Pub. L. 117–81 substituted “section 3861” for “section 2354” in concluding provisions.

2016—Subsec. (a). Pub. L. 114–255, §2033(a), amended subsec. (a) generally. Prior to amendment, text read as follows: “The Director of the National Cancer Institute shall be appointed by the President and the Directors of the other national research institutes shall be appointed by the Secretary. Each Director of a national research institute shall report directly to the Director of NIH.”.

Subsec. (b)(1)(C) to (M). Pub. L. 114–255, §2036(c), added par. (C) and redesignated former pars. (C) to (L) as (D) to (M), respectively.

Subsec. (b)(3). Pub. L. 114–255, §2033(b), added par. (3). 2007—Subsec. (c)(3)(A). Pub. L. 109–482 substituted “section 282(b)(16)” for “section 282(b)(6)”.

1993—Subsec. (b)(2)(C). Pub. L. 103–43, §301(a)(1), added subpar. (C).

Subsec. (c). Pub. L. 103–43, §301(b)(2), inserted concluding provisions relating to Federal Advisory Committee Act.

Subsec. (c)(3). Pub. L. 103–43, §301(b)(1), amended par. (3) generally. Prior to amendment, par. (3) read as follows: “may, in consultation with the advisory council for the Institute and the approval of the Director of NIH, establish and appoint technical and scientific peer review groups in addition to those established and appointed under section 282(b)(6) of this title; and”.

1988—Subsec. (b)(1). Pub. L. 100–607, §116(1), struck out “the” after “with respect to” in introductory provisions.

Subsec. (c)(3). Pub. L. 100–690 substituted “establish and appoint” and “established and appointed” for “establish” and “established”, respectively.

Pub. L. 100–607, §116(2)(A), amended par. (3) generally. Prior to amendment, par. (3) read as follows: “may, with the approval of the advisory council for the institute and the Director of NIH, appoint technical and scientific peer review groups in addition to those appointed under section 282(b)(6) of this title.”

Subsec. (c)(4). Pub. L. 100–607, §116(2)(C), added par. (4).

**Statutory Notes and Related Subsidiaries****EFFECTIVE DATE OF 2007 AMENDMENT**

Amendment by Pub. L. 109-482 applicable only with respect to amounts appropriated for fiscal year 2007 or subsequent fiscal years, see section 109 of Pub. L. 109-482, set out as a note under section 281 of this title.

**EFFECTIVE DATE OF 1988 AMENDMENT**

Amendment by Pub. L. 100-690 effective immediately after enactment of Pub. L. 100-607, which was approved Nov. 4, 1988, see section 2600 of Pub. L. 100-690, set out as a note under section 242m of this title.

**ENHANCING THE CLINICAL AND TRANSLATIONAL SCIENCE AWARD**

Pub. L. 109-482, title I, §106, Jan. 15, 2007, 120 Stat. 3696, provided that:

“(a) **IN GENERAL.**—In administering the Clinical and Translational Science Award, the Director of NIH shall establish a mechanism to preserve independent funding and infrastructure for pediatric clinical research centers by—

“(1) allowing the appointment of a secondary principal investigator under a single Clinical and Translational Science Award, such that a pediatric principal investigator may be appointed with direct authority over a separate budget and infrastructure for pediatric clinical research; or

“(2) otherwise securing institutional independence of pediatric clinical research centers with respect to finances, infrastructure, resources, and research agenda.

“(b) **REPORT.**—As part of the biennial report under section 403 of the Public Health Service Act [42 U.S.C. 283], the Director of NIH shall provide an evaluation and comparison of outcomes and effectiveness of training programs under subsection (a).

“(c) **DEFINITION.**—For purposes of this section, the term ‘Director of NIH’ has the meaning given such term in section 401 of the Public Health Service Act [42 U.S.C. 281].”

**§ 284a. Advisory councils****(a) Establishment; acceptance of conditional gifts; functions**

(1) Except as provided in subsection (h), the Secretary shall appoint an advisory council for each national research institute which (A) shall advise, assist, consult with, and make recommendations to the Secretary and the Director of such institute on matters related to the activities carried out by and through the institute and the policies respecting such activities, and (B) shall carry out the special functions prescribed by part C.

(2) Each advisory council for a national research institute may recommend to the Secretary acceptance, in accordance with section 238 of this title, of conditional gifts for study, investigation, or research respecting the diseases, disorders, or other aspect of human health with respect to which the institute was established, for the acquisition of grounds, or for the construction, equipping, or maintenance of facilities for the institute.

(3) Each advisory council for a national research institute—

(A)(i) may on the basis of the materials provided under section 289a(b)(2) of this title respecting research conducted at the institute, make recommendations to the Director of the institute respecting such research,

(ii) may review applications for grants and cooperative agreements for research or train-

ing and for which advisory council approval is required under section 284(b)(2) of this title and recommend for approval applications for projects which show promise of making valuable contributions to human knowledge, and

(iii) may review any grant, contract, or cooperative agreement proposed to be made or entered into by the institute;

(B) may collect, by correspondence or by personal investigation, information as to studies which are being carried on in the United States or any other country as to the diseases, disorders, or other aspect of human health with respect to which the institute was established and with the approval of the Director of the institute make available such information through appropriate publications for the benefit of public and private health entities and health professions personnel and scientists and for the information of the general public; and

(C) may appoint subcommittees and convene workshops and conferences.

**(b) Membership; compensation**

(1) Each advisory council shall consist of ex officio members and not more than eighteen members appointed by the Secretary. The ex officio members shall be nonvoting members.

(2) The ex officio members of an advisory council shall consist of—

(A) the Secretary, the Director of NIH, the Director of the national research institute for which the council is established, the Under Secretary for Health of the Department of Veterans Affairs or the Chief Dental Director of the Department of Veterans Affairs, and the Assistant Secretary of Defense for Health Affairs (or the designees of such officers), and

(B) such additional officers or employees of the United States as the Secretary determines necessary for the advisory council to effectively carry out its functions.

(3) The members of an advisory council who are not ex officio members shall be appointed as follows:

(A) Two-thirds of the members shall be appointed by the Secretary from among the leading representatives of the health and scientific disciplines (including not less than two individuals who are leaders in the fields of public health and the behavioral or social sciences) relevant to the activities of the national research institute for which the advisory council is established.

(B) One-third of the members shall be appointed by the Secretary from the general public and shall include leaders in fields of public policy, law, health policy, economics, and management.

(4) Members of an advisory council who are officers or employees of the United States shall not receive any compensation for service on the advisory council. The other members of an advisory council shall receive, for each day (including traveltime) they are engaged in the performance of the functions of the advisory council, compensation at rates not to exceed the daily equivalent of the annual rate in effect for grade GS-18 of the General Schedule.