user group or the applicant institution for use of the instrumentation:

- (3) the adequacy of the organizational plan for the use of the instrument involved and the internal advisory committee for oversight of the applicant, including sharing arrangements if any;
- (4) the applicant's commitment for continued support of the utilization and maintenance of the instrument; and
- (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.)

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 subsecs. (a) and (b).

Subsec. (a). Pub. L. 112–74, §221(b)(4)(B)(ii), subsecs.

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, $\S{221}(b)(4)(B)(i)$, 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)"

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).

PART B—GENERAL PROVISIONS RESPECTING NATIONAL RESEARCH INSTITUTES

§ 284. Directors of national research institutes (a) Appointment

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.

(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, disorders, 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) 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;
- (D) 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;
- (E) may develop, conduct, and support public and professional education and information programs;
- (F) may secure, develop and maintain, distribute, and support the development and maintenance of resources needed for research;
- (G) 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;
- (H) 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:
- (I) may secure for the institute consultation services and advice of persons from the United States or abroad;
- (J) 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;
- (K) may accept voluntary and uncompensated services; and
- (L) 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 2354 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.

(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) of this section, 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.)

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

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, $\S 301(a)(1)$, 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).

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 ${\bf AWARD}$

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) of this section, 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 of this subchapter.
- (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 training 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.

(c) Term of office; reappointment; vacancy

The term of office of an appointed member of an advisory council is four years, except that any member appointed to fill a vacancy for an unexpired term shall be appointed for the remainder of such term and the Secretary shall make appointments to an advisory council in such a manner as to ensure that the terms of the members do not all expire in the same year. A member may serve after the expiration of the member's term for 180 days after the date of such expiration. A member who has been appointed for a term of four years may not be reappointed to an advisory council before two years from the date of expiration of such term of office. If a vacancy occurs in the advisory council among the appointed members, the Secretary shall make an appointment to fill the vacancy within 90 days from the date the vacancy occurs.

(d) Chairman; term of office

The chairman of an advisory council shall be selected by the Secretary from among the appointed members, except that the Secretary may select the Director of the national research institute for which the advisory council is established to be the chairman of the advisory council. The term of office of the chairman shall be two years.

(e) Meetings

The advisory council shall meet at the call of the chairman or upon the request of the Director of the national research institute for which