

pliance by such individual is impossible or would involve substantial hardship to such individual or would be against equity and good conscience.

(July 1, 1944, ch. 373, title IV, § 487, as added Pub. L. 99-158, § 2, Nov. 20, 1985, 99 Stat. 869; amended Pub. L. 100-607, title I, § 151, title VI, § 635, Nov. 4, 1988, 102 Stat. 3058, 3148; Pub. L. 101-93, § 5(d), Aug. 16, 1989, 103 Stat. 612; Pub. L. 101-239, title VI, § 6103(e)(7), Dec. 19, 1989, 103 Stat. 2208; Pub. L. 102-321, title I, § 163(b)(4), July 10, 1992, 106 Stat. 376; Pub. L. 103-43, title XVI, §§ 1601, 1602, 1632, 1641, title XX, § 2008(b)(14), June 10, 1993, 107 Stat. 181, 186, 211; Pub. L. 106-129, § 2(b)(2), Dec. 6, 1999, 113 Stat. 1670; Pub. L. 107-206, title I, § 804(a), (b), Aug. 2, 2002, 116 Stat. 874; Pub. L. 109-482, title I, § 103(b)(47), Jan. 15, 2007, 120 Stat. 3688.)

#### REFERENCES IN TEXT

Section 288-5 of this title, referred to in subsec. (a)(1)(C), was repealed by Pub. L. 114-255, div. A, title II, § 2022(c)(3), Dec. 13, 2016, 130 Stat. 1054.

#### AMENDMENTS

2007—Subsec. (d). Pub. L. 109-482 struck out subsec. (d) which related to authorization and apportionment of appropriations.

2002—Pub. L. 107-206 inserted “Ruth L. Kirschstein” before “National Research Service Award” and “National Research Service Awards” wherever appearing in section catchline and text.

1999—Subsec. (d)(3). Pub. L. 106-129 substituted “Agency for Healthcare Research and Quality” for “Agency for Health Care Policy and Research”.

1993—Subsec. (a)(1)(C). Pub. L. 103-43, § 1632, added subpar. (C).

Subsec. (a)(4). Pub. L. 103-43, § 1601, added par. (4).

Subsec. (c)(1), (2). Pub. L. 103-43, § 1602, added pars. (1) and (2) and struck out former pars. (1) and (2) which read as follows:

“(1) Each individual who is awarded a National Research Service Award (other than an individual who is a pre-baccalaureate student who is awarded a National Research Service Award for research training) shall, in accordance with paragraph (3), engage in health research or teaching or any combination thereof which is in accordance with the usual patterns of academic employment, for a period computed in accordance with paragraph (2).

“(2) For each month for which an individual receives a National Research Service Award which is made for a period in excess of twelve months, such individual shall engage in one month of health research or teaching or any combination thereof which is in accordance with the usual patterns of academic employment.”

Subsec. (d). Pub. L. 103-43, § 1641(1), amended first sentence generally. Prior to amendment, first sentence read as follows: “For the purpose of making payments under National Research Service Awards and under grants for such Awards, there are authorized to be appropriated \$300,000,000 for fiscal year 1989 and such sums as may be necessary for fiscal year 1990.”

Subsec. (d)(3). Pub. L. 103-43, §§ 1641(2), 2008(b)(14), substituted “1 percent” for “one-half of one percent” in two places, “293k, 293l, or 293m” for “295g, 295g-4, or 295g-6”, and “242b(a)” for “242b(a)(3)”.

1992—Subsec. (a)(1). Pub. L. 102-321 struck out “and the Alcohol, Drug Abuse, and Mental Health Administration” before “in matters relating to” in subpar. (A)(i) and struck out “or the Alcohol, Drug Abuse, and Mental Health Administration” before “shall be considered” in last sentence.

1989—Subsec. (d)(3). Pub. L. 101-93 directed that par. (3), as similarly amended by sections 151(2) and 635 of Pub. L. 100-607, be amended to read as if the amendment made by such section 635 had not been enacted. See 1988 Amendment note below.

Subsec. (d)(3)(B). Pub. L. 101-239 substituted “Agency for Health Care Policy and Research” for “National Center for Health Services Research and Health Care Technology Assessment”.

1988—Subsec. (d). Pub. L. 100-607, § 151(1), amended first sentence generally. Prior to amendment, first sentence read as follows: “There are authorized to be appropriated to make payments under National Research Service Awards and under grants for such awards \$244,000,000 for fiscal year 1986, \$260,000,000 for fiscal year 1987, and \$275,000,000 for fiscal year 1988.”

Subsec. (d)(3). Pub. L. 100-607, §§ 151(2), 635, made identical amendments, inserting “to the Secretary, acting through the Administrator of the Health Resources and Services Administration,” after first reference to “available”.

#### CHANGE OF NAME

Pub. L. 107-206, title I, § 804(c), Aug. 2, 2002, 116 Stat. 874, provided that: “Any reference in any law (other than this Act [see Tables for classification]), regulation, document, record, map, or other paper of the United States to ‘National Research Service Awards’ shall be considered to be a reference to ‘Ruth L. Kirschstein National Research Service Awards’.”

#### 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 1992 AMENDMENT

Amendment by Pub. L. 102-321 effective Oct. 1, 1992, with provision for programs providing financial assistance, see section 801(c), (d) of Pub. L. 102-321, set out as a note under section 236 of this title.

### § 288-1. Intramural loan repayment program

#### (a) In general

The Director of the National Institutes of Health shall, as appropriate and based on workforce and scientific priorities, carry out a program through the subcategories listed in subsection (b)(1) (or modified subcategories as provided for in subsection (b)(2)) of entering into agreements with appropriately qualified health professionals under which such health professionals agree to conduct research, as employees of the National Institutes of Health, in consideration of the Federal Government agreeing to repay, for each year of such service, not more than \$50,000 of the principal and interest of the educational loans of such health professionals.

#### (b) Subcategories of research

##### (1) In general

In carrying out the program under subsection (a), the Director of the National Institutes of Health—

(A) shall continue to focus on—

- (i) general research;
- (ii) research on acquired immune deficiency syndrome; and
- (iii) clinical research conducted by appropriately qualified health professional<sup>1</sup> who are from disadvantaged backgrounds; and

(B) may focus on an area of emerging scientific or workforce need.

<sup>1</sup> So in original. Probably should be “professionals”.

**(2) Elimination or establishment of subcategories**

The Director of the National Institutes of Health may eliminate one or more subcategories provided for in paragraph (1) due to changes in workforce or scientific needs related to biomedical research. The Director may establish other subcategory areas based on workforce and scientific priorities if the total number of subcategories does not exceed the number of subcategories listed in paragraph (1).

**(c) Limitation**

The Director of the National Institutes of Health may not enter into a contract with a health professional pursuant to subsection (a) unless such professional has a substantial amount of education loans relative to income (as determined pursuant to guidelines issued by the Director).

**(d) Applicability of certain provisions**

With respect to the National Health Service Corps Loan Repayment Program established in subpart III of part D of subchapter II, the provisions of such subpart shall, except as inconsistent with subsection (a) of this section, apply to the program established in such subsection (a) in the same manner and to the same extent as such provisions apply to the National Health Service Corps Loan Repayment Program established in such subpart.

**(e) Availability of appropriations**

Amounts available for carrying out this section shall remain available until the expiration of the second fiscal year beginning after the fiscal year for which such amounts are made available.

(July 1, 1944, ch. 373, title IV, §487A, as added Pub. L. 100-607, title VI, §634(a), Nov. 4, 1988, 102 Stat. 3148; amended Pub. L. 103-43, title XVI, §1611(a), June 10, 1993, 107 Stat. 181; Pub. L. 105-392, title IV, §410(a), Nov. 13, 1998, 112 Stat. 3589; Pub. L. 109-482, title I, §103(b)(48), Jan. 15, 2007, 120 Stat. 3688; Pub. L. 114-255, div. A, title II, §2022(a), Dec. 13, 2016, 130 Stat. 1052.)

AMENDMENTS

2016—Pub. L. 114-255, §2022(a)(1), amended section catchline generally. Prior to amendment, catchline read as follows: “Loan repayment program for research with respect to acquired immune deficiency syndrome”.

Subsec. (a). Pub. L. 114-255, §2022(a)(2), substituted “The Director of the National Institutes of Health shall, as appropriate and based on workforce and scientific priorities, carry out a program through the subcategories listed in subsection (b)(1) (or modified subcategories as provided for in subsection (b)(2))” for “The Secretary shall carry out a program”, “conduct research” for “conduct”, and “\$50,000” for “\$35,000”, and struck out “research with respect to acquired immune deficiency syndrome” after “National Institutes of Health.”.

Subsecs. (b) to (d). Pub. L. 114-255, §2022(a)(3), (4), added subsecs. (b) and (c) and redesignated former subsec. (b) as (d).

Subsec. (e). Pub. L. 114-255, §2022(a)(5), added subsec. (e).

2007—Subsec. (c). Pub. L. 109-482 struck out heading and text of subsec. (c). Text read as follows: “For the purpose of carrying out this section, there are author-

ized to be appropriated such sums as may be necessary for each of the fiscal years 1994 through 2001.”

1998—Subsec. (a). Pub. L. 105-392, §410(a)(1), substituted “\$35,000” for “\$20,000”.

Subsec. (c). Pub. L. 105-392, §410(a)(2), substituted “2001” for “1996”.

1993—Pub. L. 103-43 amended section generally, in subsec. (a) redesignating former par. (1) as entire subsec., striking out provisions setting a deadline for implementation of the program and former par. (2) containing a limitation that the health professional have a substantial amount of educational loans relative to income and not have been employed at the National Institutes of Health during the 1-year period preceding Nov. 4, 1988, reenacting subsec. (b) without change, and in subsec. (c) redesignating former par. (1) as entire subsec., substituting authorization of appropriations for fiscal years 1994 through 1996 for authorization of appropriations for fiscal years 1989 through 1991, and striking out former par. (2) relating to continued availability of appropriated amounts.

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 1993 AMENDMENT

Pub. L. 103-43, title XVI, §1611(b), June 10, 1993, 107 Stat. 182, provided that: “The amendment made by subsection (a) [amending this section] does not apply to any agreement entered into under section 487A of the Public Health Service Act [42 U.S.C. 288-1] before the date of the enactment of this Act [June 10, 1993]. Each such agreement continues to be subject to the terms of the agreement in effect on the day before such date.”

**§ 288-2. Extramural loan repayment program**

**(a) In general**

The Director of the National Institutes of Health shall, as appropriate and based on workforce and scientific priorities, carry out a program through the subcategories listed in subsection (b)(1) (or modified subcategories as provided for in subsection (b)(2)), of entering into contracts with qualified health professionals under which such health professionals agree to conduct research in consideration of the Federal Government agreeing to repay, for each year of such research, not more than \$50,000 of the principal and interest of the educational loans of such health professionals.

**(b) Subcategories of research**

**(1) In general**

In carrying out the program under subsection (a), the Director of the National Institutes of Health—

(A) shall continue to focus on—

- (i) contraception or infertility research;
- (ii) pediatric research, including pediatric pharmacological research;
- (iii) minority health disparities research;
- (iv) clinical research; and
- (v) clinical research conducted by appropriately qualified health professional<sup>1</sup> who are from disadvantaged backgrounds; and

(B) may focus on an area of emerging scientific or workforce need.

**(2) Elimination or establishment of subcategories**

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