heimer's Research, Care, and Services, an annual budget estimate (including an estimate of the number and type of personnel needs for the Institutes) for the initiatives of the National Institutes of Health pursuant to the National Alzheimer's Plan, as required under section 2(d)(2) of Public Law 111–375 [42 U.S.C. 11225(d)(2)]."

## SUBCHAPTER IV—RESEARCH RELATING TO SERVICES FOR INDIVIDUALS WITH ALZ-HEIMER'S DISEASE AND RELATED DE-MENTIAS AND THEIR FAMILIES

#### AMENDMENTS

1988—Pub. L. 100–607, title I, §142(c)(1)(B), (D), (2)(C), Nov. 4, 1988, 102 Stat. 3057, redesignated former subchapter V as IV and struck out heading for subchapter IV "AWARDS FOR LEADERSHIP AND EXCELLENCE IN ALZHEIMER'S DISEASE AND RELATED DEMENTIAS", consisting of sections 11231 and 11232, and struck out heading for part 1 "RESPONSIBILITIES OF NATIONAL INSTITUTE ON AGING", consisting of sections 11241 to 11243.

## §11231. Transferred

Section, Pub. L. 99–660, title IX, §931, Nov. 14, 1986, 100 Stat. 3807, which provided for awards for biomedical research on Alzheimer's disease and related dementias, was redesignated section 445B of the Public Health Service Act by Pub. L. 100–607, title I, §142(a), Nov. 4, 1988, 102 Stat. 3057, and is classified to section 285e–4 of this title.

# § 11232. Repealed. Pub. L. 100-607, title I, § 142(c)(1)(A), Nov. 4, 1988, 102 Stat. 3057

Section, Pub. L. 99-660, title IX, §932, Nov. 14, 1986, 100 Stat. 3808, authorized appropriations for fiscal years 1988 through 1991 to carry out program of awards for research on Alzheimer's disease and related dementias.

# §§ 11241, 11242. Transferred

Section 11241, Pub. L. 99-660, title IX, §941, Nov. 14, 1986, 100 Stat. 3808, which provided for Director of National Institute on Aging to conduct, or make grants for conduct of, research on services for individuals with Alzheimer's disease and related dementias and their families, was redesignated section 445C of the Public Health Service Act by Pub. L. 100-607, title I, §142(a), Nov. 4, 1988, 102 Stat. 3057, and is classified to section 285e-5 of this title.

Section 11242, Pub. L. 99-660, title IX, §942, Nov. 14, 1986, 100 Stat. 3809, which provided for Director to disseminate results of such research to professional entities and the public, was redesignated section 445D of the Public Health Service Act by Pub. L. 100-607, title I, §142(a), Nov. 4, 1988, 102 Stat. 3057, and is classified to section 285e-6 of this title.

# § 11243. Repealed. Pub. L. 100-607, title I, § 142(c)(2)(A), Nov. 4, 1988, 102 Stat. 3057

Section, Pub. L. 99-660, title IX, §943, Nov. 14, 1986, 100 Stat. 3809, authorized appropriations for fiscal years 1988 through 1991 to carry out programs of National Institute on Aging in research on services for individuals with Alzheimer's disease and related dementias and their families

# PART 1—RESPONSIBILITIES OF NATIONAL INSTITUTE OF MENTAL HEALTH

# AMENDMENTS

1988—Pub. L. 100-607, title I, §142(c)(2)(C), (D), Nov. 4, 1988, 102 Stat. 3057, redesignated part 2 as 1 and struck out former part 1 heading "RESPONSIBILITIES OF NATIONAL INSTITUTE ON AGING".

# §11251. Research program and plan

#### (a) Grants for research

The Director of the National Institute of Mental Health shall conduct, or make grants for the conduct of, research relevant to appropriate services and specialized care for individuals with Alzheimer's disease and related dementias and their families.

### (b) Preparation of plan; contents; revision

The Director of the National Institute of Mental Health shall—

- (1) ensure that the research conducted under subsection (a) of this section includes research concerning—
  - (A) mental health services and treatment modalities relevant to the mental, behavioral, and psychological problems associated with Alzheimer's disease and related dementias:
  - (B) the most effective methods for providing comprehensive multidimensional assessments to obtain information about the current functioning of, and needs for the care of, individuals with Alzheimer's disease and related dementias;
  - (C) the optimal range, types, and cost-effectiveness of services and specialized care for individuals with Alzheimer's disease and related dementias and for their families, in community and residential settings (including home care, day care, and respite care), and in institutional settings, particularly with respect to—
    - (i) the design of the services and care;
    - (ii) appropriate staffing for the provision of the services and care;
    - (iii) the timing of the services and care during the progression of the disease or dementias; and
    - (iv) the appropriate mix and coordination of the services and specialized care;
  - (D) the efficacy of various special care units in the United States for individuals with Alzheimer's disease, including an assessment of the costs incurred in operating such units, the evaluation of best practices for the development of appropriate standards to be used by such units, and the measurement of patient outcomes in such units;
  - (E) methods to combine formal support services provided by health care professionals for individuals with Alzheimer's disease and related dementias with informal support services provided for such individuals by their families, friends, and neighbors, including services such as day care services, respite care services, home care services, nursing home services, and other residential services and care, and an evaluation of the services actually used for such individuals and the sources of payment for such services;
  - (F) methods to sustain family members who provide care for individuals with Alzheimer's disease and related dementias through interventions to reduce psychological and social problems and physical problems induced by stress; and
  - (G) improved methods to deliver services for individuals with Alzheimer's disease and

related dementias and their families, including services such as outreach services, comprehensive assessment and care management services, outpatient treatment services, home care services, respite care services, adult day care services, partial hospitalization services, nursing home services, and other residential services and care; and

(2) ensure that the research is coordinated with, and uses, to the maximum extent feasible, resources of, other Federal programs relating to Alzheimer's disease and dementia, including centers supported under section 285e-2 of this title, centers supported by the National Institute of Mental Health on the psychopathology of the elderly, relevant activities of the Administration on Aging, other programs and centers involved in research on Alzheimer's disease and related dementias supported by the Department, and other programs relating to Alzheimer's disease and related dementias which are planned or conducted by Federal agencies other than the Department, State or local agencies, community organizations, or private foundations.

(Pub. L. 99–660, title IX,  $\S931$ , formerly  $\S944$ , Nov. 14, 1986, 100 Stat. 3809; renumbered  $\S931$ , Pub. L. 100–607, title I,  $\S142(c)(2)(B)$ , Nov. 4, 1988, 102 Stat. 3057; Pub. L. 102–507,  $\S7(a)(1)$ , (2), Oct. 24, 1992, 106 Stat. 3284.)

#### PRIOR PROVISIONS

A prior section 931 of Pub. L. 99–660, which was classified to section 11231 of this title, was redesignated section 445B of the Public Health Service Act by section 142(a) of Pub. L. 100–607, and is classified to section 285–24 of this title.

### AMENDMENTS

1992—Subsec. (a). Pub. L. 102–507,  $\S7(a)(1)(B)$ , inserted "and specialized care" after "services". Subsec. (b). Pub. L. 102–507,  $\S7(a)(2)$ , designated par.

Subsec. (b). Pub. L. 102-507,  $\S7(a)(2)$ , designated par. (1) as entire subsec. and redesignated former par. (1)(A) as par. (1), former par. (1)(A)(i) to (vii) as par. (1)(A) to (G), respectively, former par. (1)(A)(iii)(I) to (IV) as par. (1)(C)(i) to (iv), respectively, and former par. (1)(B) as par. (2).

Subsec. (b)(1). Pub. L. 102-507, \$7(a)(1)(C)(i), substituted "The Director of the National Institute of Mental Health shall" for "Within 6 months after November 14, 1986, the Director of the National Institute of Mental Health shall prepare and transmit to the Chairman of the Council a plan for the research to be conducted under subsection (a) of this section. The plan shall" in introductory provisions.

Subsec. (b)(1)(A). Pub. L. 102–507, §7(a)(1)(C)(ii)(I), substituted "ensure that the research conducted under subsection (a) of this section includes" for "provide for" in introductory provisions.

Subsec. (b)(1)(A)(iii). Pub. L. 102-507, §7(a)(1)(C)(ii)(II), added cl. (iii) and struck out former cl. (iii) which read as follows: "the optimal range and cost-effectiveness of community and institutional services for individuals with Alzheimer's disease and related dementias and their families, particularly with respect to the design of such services, appropriate staffing for the provision of such services, the timing of such services during the progression of such disease or dementias, and the appropriate mix and coordination of such services;".

Subsec. (b)(1)(A)(iv). Pub. L. 102–507, \$7(a)(1)(C)(ii)(III), inserted "the evaluation of best practices for the development of" before "appropriate". Subsec. (b)(1)(A)(v), (vii). Pub. L. 102–507, \$7(a)(1)(C)(ii)(IV), substituted "nursing home services, and other residential services and care" for "and nursing home services".

Subsec. (b)(1)(B). Pub. L. 102-507, §7(a)(1)(C)(iii), substituted "the research" for "research carried out under the plan"

Subsec. (b)(2). Pub. L. 102–507, §7(a)(1)(A), struck out par. (2) which read as follows: "Within one year after transmitting the plan required under paragraph (1), and annually thereafter, the Director of the National Institute of Mental Health shall prepare and transmit to the Chairman of the Council such revisions of such plan as the Director considers appropriate."

Subsec. (c). Pub. L. 102-507, §7(a)(1)(A), struck out subsec. (c) which read as follows: "In preparing and revising the plan required by subsection (b) of this section, the Director of the National Institute of Mental Health shall consult with the Chairman of the Council and the heads of agencies within the Department."

# § 11252. Dissemination

The Director of the National Institute of Mental Health shall disseminate the results of research conducted under this part to appropriate professional entities and to the public.

(Pub. L. 99–660, title IX, §932, formerly §945, Nov. 14, 1986, 100 Stat. 3810; renumbered §932, Pub. L. 100–607, title I, §142(c)(2)(B), Nov. 4, 1988, 102 Stat. 3057.)

#### PRIOR PROVISIONS

A prior section 932 of Pub. L. 99–660 was classified to section 11232 of this title prior to repeal by section 142(c)(1)(A) of Pub. L. 100–607.

## § 11253. Authorization of appropriations

There are authorized to be appropriated to carry out this part such sums as may be necessary for each of the fiscal years 1992 through 1996

(Pub. L. 99-660, title IX, §933, formerly §946, Nov. 14, 1986, 100 Stat. 3810; renumbered §933, Pub. L. 100-607, title I, §142(c)(2)(B), Nov. 4, 1988, 102 Stat. 3057; Pub. L. 102-507, §7(a)(3), Oct. 24, 1992, 106 Stat. 3284.)

# AMENDMENTS

1992—Pub. L. 102–507 amended section generally. Prior to amendment, section read as follows: "To carry out this part, there are authorized to be appropriated \$2,000,000 for each of fiscal years 1988 through 1991."

# PART 2—RESPONSIBILITIES OF AGENCY FOR HEALTHCARE RESEARCH AND QUALITY

# AMENDMENTS

1999—Pub. L. 106–129,  $\S2(b)(2)$ , Dec. 6, 1999, 113 Stat. 1670 substituted "Agency for Healthcare Research and Quality" for "Agency for Health Care Policy and Research" in part heading.

1992—Pub. L. 102-507, §7(b)(1)(A), Oct. 24, 1992, 106 Stat. 3285, substituted "AGENCY FOR HEALTH CARE POL-ICY AND RESEARCH" for "NATIONAL CENTER FOR HEALTH SERVICES RESEARCH AND HEALTH CARE TECHNOLOGY AS-SESSMENT" in part heading.

1988—Pub. L. 100–607, title I, \$142(c)(2)(D), Nov. 4, 1988, 102 Stat. 3057, redesignated part 3 as 2. Former part 2 redesignated 1.

# §11261. Research program

# (a) Grants for research

The Director of the Agency for Healthcare Research and Quality shall conduct, or make grants for the conduct of, research relevant to appropriate services for individuals with Alzheimer's disease and related dementias and for their families.