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 DEMEN-TIAS", consisting of sections 11231 and 11232, and struck out heading for part 1 "RESPONSIBILITIES OF NA-TIONAL 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 Repealed.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 Repealed.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