subsequent fiscal years, see section  $109\,$  of Pub. L.  $109-482,\,set$  out as a note under section 281 of this title.

SUBPART 4—NATIONAL INSTITUTE OF ARTHRITIS AND MUSCULOSKELETAL AND SKIN DISEASES

### §285d. Purpose of Institute

The general purpose of the National Institute of Arthritis and Musculoskeletal and Skin Diseases (hereafter in this subpart referred to as the "Institute") is the conduct and support of research and training, the dissemination of health information, and other programs with respect to arthritis and musculoskeletal and skin diseases (including sports-related disorders), with particular attention to the effect of these diseases on children.

(July 1, 1944, ch. 373, title IV, §435, as added Pub. L. 99–158, §2, Nov. 20, 1985, 99 Stat. 848; amended Pub. L. 103–43, title VII, §701(a), June 10, 1993, 107 Stat. 162.)

#### Amendments

1993—Pub. L. 103-43 substituted "(including sports-related disorders), with particular attention to the effect of these diseases on children" for ", including sportsrelated disorders".

# §285d-1. National arthritis and musculoskeletal and skin diseases program

## (a) Plan to expand, intensify, and coordinate activities; submission; periodic review and revision

The Director of the Institute, with the advice of the Institute's advisory council, shall prepare and transmit to the Director of NIH a plan for a national arthritis and musculoskeletal and skin diseases program to expand, intensify, and coordinate the activities of the Institute respecting arthritis and musculoskeletal and skin diseases. The plan shall include such comments and recommendations as the Director of the Institute determines appropriate. The plan shall place particular emphasis upon expanding research into better understanding the causes and the development of effective treatments for arthritis affecting children. The Director of the Institute shall periodically review and revise such plan and shall transmit any revisions of such plan to the Director of NIH.

### (b) Coordination of activities with other national research institutes; minimum activities under program

Activities under the national arthritis and musculoskeletal and skin diseases program shall be coordinated with the other national research institutes to the extent that such institutes have responsibilities respecting arthritis and musculoskeletal and skin diseases, and shall, at least, provide for—

(1) investigation into the epidemiology, etiology, and prevention of all forms of arthritis and musculoskeletal and skin diseases, including sports-related disorders, primarily through the support of basic research in such areas as immunology, genetics, biochemistry, microbiology, physiology, bioengineering, and any other scientific discipline which can contribute important knowledge to the treatment and understanding of arthritis and musculoskeletal and skin diseases; (2) research into the development, trial, and evaluation of techniques, drugs, and devices used in the diagnosis, treatment, including medical rehabilitation, and prevention of arthritis and musculoskeletal and skin diseases;

(3) research on the refinement, development, and evaluation of technological devices that will replace or be a substitute for damaged bone, muscle, and joints and other supporting structures;

(4) the establishment of mechanisms to monitor the causes of athletic injuries and identify ways of preventing such injuries on scholastic athletic fields; and

(5) research into the causes of arthritis affecting children and the development, trial, and evaluation of techniques, drugs and devices used in the diagnosis, treatment (including medical rehabilitation), and prevention of arthritis in children.

# (c) Program to be carried out in accordance with plan

The Director of the Institute shall carry out the national arthritis and musculoskeletal and skin diseases program in accordance with the plan prepared under subsection (a) and any revisions of such plan made under such subsection.

(July 1, 1944, ch. 373, title IV, §436, as added Pub. L. 99–158, §2, Nov. 20, 1985, 99 Stat. 848; amended Pub. L. 100–607, title I, §136, Nov. 4, 1988, 102 Stat. 3056; Pub. L. 103–43, title VII, §701(b), June 10, 1993, 107 Stat. 162.)

#### Amendments

1993—Subsec. (a). Pub. L. 103-43, §701(b)(1), inserted after second sentence "The plan shall place particular emphasis upon expanding research into better understanding the causes and the development of effective treatments for arthritis affecting children."

Subsec. (b)(5). Pub. L. 103-43, §701(b)(2), added par. (5). 1988—Pub. L. 100-607 inserted "and skin" after "musculoskeletal" in section catchline and wherever appearing in text.

### §285d-2. Research and training

The Director of the Institute shall—

(1) carry out programs of support for research and training (other than training for which Ruth L. Kirschstein National Research Service Awards may be made under section 288 of this title) in the diagnosis, prevention, and treatment of arthritis and musculoskeletal and skin diseases, including support for training in medical schools, graduate clinical training, graduate training in epidemiology, epidemiology studies, clinical trials, and interdisciplinary research programs; and

(2) establish programs of evaluation, planning, and dissemination of knowledge related to such research and training.

(July 1, 1944, ch. 373, title IV, §437, as added Pub. L. 99-158, §2, Nov. 20, 1985, 99 Stat. 849; amended Pub. L. 107-206, title I, §804(c), Aug. 2, 2002, 116 Stat. 874.)

#### AMENDMENTS

2002—Par. (1). Pub. L. 107–206 substituted "Ruth L. Kirschstein National Research Service Awards" for "National Research Service Awards".