

Subsec. (c). Pub. L. 113-79, § 7106(5), added subsec. (c). Former subsec. (c) redesignated (d).

Subsec. (d). Pub. L. 113-79, § 7106(4), redesignated subsec. (c) as (d). Former subsec. (d) redesignated (e).

Subsec. (d)(2). Pub. L. 113-79, § 7106(6), inserted “applied” after “theoretical and”.

Subsec. (e). Pub. L. 113-79, § 7106(7), added subsec. (e) and struck out former subsec. (e). Prior to amendment, text read as follows: “There are authorized to be appropriated such sums as are necessary to carry out this section for each of fiscal years 1996 through 2012.”

Pub. L. 113-79, § 7106(4), redesignated subsec. (d) as (e). 2008—Subsec. (a)(1). Pub. L. 110-246, § 7111(1), inserted “(including commodities, livestock, dairy, and specialty crops)” after “agricultural sectors”.

Subsec. (b). Pub. L. 110-246, § 7111(2), inserted “(including the Food Agricultural Policy Research Institute, the Agricultural and Food Policy Center, the Rural Policy Research Institute, and the National Drought Mitigation Center)” after “research institutions and organizations”.

Subsec. (d). Pub. L. 110-246, § 7111(3), substituted “2012” for “2007”.

2002—Subsec. (c)(3). Pub. L. 107-171, § 7216, substituted “collect, analyze, and disseminate data” for “collect and analyze data”.

Subsec. (d). Pub. L. 107-171, § 7103, substituted “2007” for “2002”.

1998—Subsec. (a). Pub. L. 105-185, § 224, inserted “and trade agreements” after “public policies” in introductory provisions.

Subsec. (d). Pub. L. 105-185, § 301(a)(3), substituted “each of fiscal years 1996 through 2002” for “fiscal years 1996 and 1997”.

#### EFFECTIVE DATE OF 2008 AMENDMENT

Amendment of this section and repeal of Pub. L. 110-234 by Pub. L. 110-246 effective May 22, 2008, the date of enactment of Pub. L. 110-234, see section 4 of Pub. L. 110-246, set out as an Effective Date note under section 8701 of this title.

### § 3156. Education grants to Alaska Native serving institutions and Native Hawaiian serving institutions

#### (a) Education grants program for Alaska Native serving institutions

##### (1) Grant authority

The Secretary of Agriculture may make competitive grants to Alaska Native serving institutions for the purpose of promoting and strengthening the ability of Alaska Native serving institutions to carry out education, applied research, and related community development programs.

##### (2) Use of grant funds

Grants made under this section shall be used—

(A) to support the activities of consortia of Alaska Native serving institutions to enhance educational equity for under represented students;

(B) to strengthen institutional educational capacities, including libraries, curriculum, faculty, scientific instrumentation, instruction delivery systems, and student recruitment and retention, in order to respond to identified State, regional, national, or international educational needs in the food and agriculture sciences;

(C) to attract and support undergraduate and graduate students from under represented groups in order to prepare them for careers related to the food, agricultural, and

natural resource systems of the United States, beginning with the mentoring of students at the high school level including by village elders and continuing with the provision of financial support for students through their attainment of a doctoral degree; and

(D) to facilitate cooperative initiatives between two or more Alaska Native serving institutions, or between Alaska Native serving institutions and units of State government or the private sector, to maximize the development and use of resources, such as faculty, facilities, and equipment, to improve food and agricultural sciences teaching programs.

#### (3) Authorization of appropriations

There are authorized to be appropriated to make grants under this subsection \$10,000,000 in fiscal years 2001 through 2023.

#### (b) Education grants program for Native Hawaiian serving institutions

##### (1) Grant authority

The Secretary of Agriculture may make competitive grants to Native Hawaiian serving institutions for the purpose of promoting and strengthening the ability of Native Hawaiian serving institutions to carry out education, applied research, and related community development programs.

##### (2) Use of grant funds

Grants made under this section shall be used—

(A) to support the activities of consortia of Native Hawaiian serving institutions to enhance educational equity for under represented students, including permitting consortia to designate fiscal agents for the members of the consortia and to allocate among the members funds made available under this section;

(B) to strengthen institutional educational capacities, including libraries, curriculum, faculty, scientific instrumentation, instruction delivery systems, and student recruitment and retention, in order to respond to identified State, regional, national, or international educational needs in the food and agriculture sciences;

(C) to attract and support undergraduate and graduate students from under represented groups in order to prepare them for careers related to the food, agricultural, and natural resource systems of the United States, beginning with the mentoring of students at the high school level and continuing with the provision of financial support for students through their attainment of a doctoral degree; and

(D) to facilitate cooperative initiatives between two or more Native Hawaiian serving institutions, or between Alaska Native serving institutions and units of State government or the private sector, to maximize the development and use of resources, such as faculty, facilities, and equipment, to improve food and agricultural sciences teaching programs.

**(3) Authorization of appropriations**

There are authorized to be appropriated to make grants under this subsection \$10,000,000 for each of fiscal years 2001 through 2023.

(Pub. L. 95-113, title XIV, §1419B, formerly Pub. L. 106-78, title VII, §759, Oct. 22, 1999, 113 Stat. 1172; renumbered Pub. L. 95-113, §1419B, and amended Pub. L. 110-234, title VII, §7112, May 22, 2008, 122 Stat. 1219, and Pub. L. 110-246, §4(a), title VII, §7112, June 18, 2008, 122 Stat. 1664, 1980; Pub. L. 113-79, title VII, §7107, Feb. 7, 2014, 128 Stat. 870; Pub. L. 115-334, title VII, §7109, Dec. 20, 2018, 132 Stat. 4783.)

## CODIFICATION

Pub. L. 110-234 and Pub. L. 110-246 both renumbered this section as section 1419B of Pub. L. 95-113 and made identical amendments to this section. Pub. L. 110-234 was repealed by section 4(a) of Pub. L. 110-246.

Section was formerly classified to section 3242 of this title.

## AMENDMENTS

2018—Subsec. (a)(3). Pub. L. 115-334, §7109(1), substituted “2023” for “2018”.

Subsec. (b)(3). Pub. L. 115-334, §7109(2), substituted “2023” for “2018”.

2014—Subsec. (a)(1). Pub. L. 113-79, §7107(1)(A), struck out “(or grants without regard to any requirement for competition)” after “competitive grants”.

Subsec. (a)(3). Pub. L. 113-79, §7107(1)(B), substituted “2018” for “2012”.

Subsec. (b)(1). Pub. L. 113-79, §7107(2)(A), struck out “(or grants without regard to any requirement for competition)” after “competitive grants”.

Subsec. (b)(3). Pub. L. 113-79, §7107(2)(B), substituted “2018” for “2012”.

2008—Subsec. (a)(3). Pub. L. 110-246, §7112(1)(A), substituted “2012” for “2006”.

Subsec. (b)(2)(A). Pub. L. 110-246, §7112(1)(B)(i), inserted “, including permitting consortia to designate fiscal agents for the members of the consortia and to allocate among the members funds made available under this section” before semicolon at end.

Subsec. (b)(3). Pub. L. 110-246, §7112(1)(B)(ii), substituted “2012” for “2006”.

## EFFECTIVE DATE OF 2008 AMENDMENT

Amendment of this section and repeal of Pub. L. 110-234 by Pub. L. 110-246 effective May 22, 2008, the date of enactment of Pub. L. 110-234, see section 4 of Pub. L. 110-246, set out as an Effective Date note under section 8701 of this title.

**§ 3157. Competitive, special, and facilities research grants****(a) Establishment of grant program**

(1) In order to promote research in food, agriculture, and related areas, a research grants program is hereby established in the Department of Agriculture.

(2) **SHORT TITLE.**—This section may be cited as the “Competitive, Special, and Facilities Research Grant Act”.

**(b) Agriculture and food research initiative****(1) Establishment**

There is established in the Department of Agriculture an Agriculture and Food Research Initiative under which the Secretary of Agriculture (referred to in this subsection as “the Secretary”) may make competitive grants for fundamental and applied research, extension,

and education to address food and agricultural sciences (as defined under section 3103 of this title).

**(2) Priority areas**

The competitive grants program established under this subsection shall address the following areas:

**(A) Plant health and production and plant products**

Plant systems, including—

- (i) plant genome structure and function;
- (ii) molecular and cellular genetics and plant biotechnology;
- (iii) conventional breeding, including cultivar and breed development, selection theory, applied quantitative genetics, breeding for improved food quality, breeding for improved local adaptation to biotic stress and abiotic stress, and participatory breeding;
- (iv) plant-pest interactions and biocontrol systems;
- (v) crop plant response to environmental stresses;
- (vi) unproved nutrient qualities of plant products; and
- (vii) new food and industrial uses of plant products.

**(B) Animal health and production and animal products**

Animal systems, including—

- (i) aquaculture;
- (ii) cellular and molecular basis of animal reproduction, growth, disease, and health;
- (iii) animal biotechnology;
- (iv) conventional breeding, including breed development, selection theory, applied quantitative genetics, breeding for improved food quality, breeding for improved local adaptation to biotic stress and abiotic stress, and participatory breeding;
- (v) identification of genes responsible for improved production traits and resistance to disease;
- (vi) improved nutritional performance of animals;
- (vii) improved nutrient qualities of animal products and uses;
- (viii) the development of new and improved animal husbandry and production systems that take into account production efficiency, animal well-being, and animal systems applicable to aquaculture;
- (ix) the research and development of surveillance methods, vaccines, vaccination delivery systems, or diagnostic tests for pests and diseases, including—
  - (I) epizootic diseases in domestic livestock (including deer, elk, bison, and other animals of the family Cervidae); and
  - (II) zoonotic diseases (including bovine brucellosis and bovine tuberculosis) in domestic livestock or wildlife reservoirs that present a potential concern to public health; and
- (x) the identification of animal drug needs and the generation and dissemina-