

(e) Cyber security faculty development traineeship program**(1) In general**

The Director shall establish a program to award grants to institutions of higher education to establish traineeship programs to enable graduate students to pursue academic careers in cyber security upon completion of doctoral degrees.

(2) Merit review; competition

Grants shall be awarded under this section on a merit-reviewed competitive basis.

(3) Application

Each institution of higher education desiring to receive a grant under this subsection shall submit an application to the Director at such time, in such manner, and containing such information as the Director shall require.

(4) Use of funds

Funds received by an institution of higher education under this paragraph shall—

(A) be made available to individuals on a merit-reviewed competitive basis and in accordance with the requirements established in paragraph (7);

(B) be in an amount that is sufficient to cover annual tuition and fees for doctoral study at an institution of higher education for the duration of the graduate traineeship, and shall include, in addition, an annual living stipend of \$25,000; and

(C) be provided to individuals for a duration of no more than 5 years, the specific duration of each graduate traineeship to be determined by the institution of higher education, on a case-by-case basis.

(5) Repayment

Each graduate traineeship shall—

(A) subject to paragraph (5)(B), be subject to full repayment upon completion of the doctoral degree according to a repayment schedule established and administered by the institution of higher education;

(B) be forgiven at the rate of 20 percent of the total amount of the graduate traineeship assistance received under this section for each academic year that a recipient is employed as a full-time faculty member at an institution of higher education for a period not to exceed 5 years; and

(C) be monitored by the institution of higher education receiving a grant under this subsection to ensure compliance with this subsection.

(6) Exceptions

The Director may provide for the partial or total waiver or suspension of any service obligation or payment by an individual under this section whenever compliance by the individual is impossible or would involve extreme hardship to the individual, or if enforcement of such obligation with respect to the individual would be unconscionable.

(7) Eligibility

To be eligible to receive a graduate traineeship under this section, an individual shall—

(A) be a citizen, national, or lawfully admitted permanent resident alien of the United States; and

(B) demonstrate a commitment to a career in higher education.

(8) Consideration

In making selections for graduate traineeships under this paragraph, an institution receiving a grant under this subsection shall consider, to the extent possible, a diverse pool of applicants whose interests are of an interdisciplinary nature, encompassing the social scientific as well as the technical dimensions of cyber security.

(9) Authorization of appropriations

There are authorized to be appropriated to the National Science Foundation to carry out this paragraph \$5,000,000 for each of fiscal years 2003 through 2007.

(Pub. L. 107-305, § 5, Nov. 27, 2002, 116 Stat. 2370.)

REFERENCES IN TEXT

The Scientific and Advanced Technology Act of 1992, referred to in subsec. (b)(1), is Pub. L. 102-476, Oct. 23, 1992, 106 Stat. 2297, as amended, which is classified generally to section 1862h et seq. of Title 42, The Public Health and Welfare. For complete classification of this Act to the Code, see Short Title note set out under section 1861 of Title 42 and Tables.

§ 7405. Consultation

In carrying out sections 7403 and 7404 of this title, the Director shall consult with other Federal agencies.

(Pub. L. 107-305, § 6, Nov. 27, 2002, 116 Stat. 2374.)

§ 7406. National Institute of Standards and Technology programs**(a), (b) Omitted****(c) Security automation and checklists for Government systems****(1) In general**

The Director of the National Institute of Standards and Technology shall, as necessary, develop and revise security automation standards, associated reference materials (including protocols), and checklists providing settings and option selections that minimize the security risks associated with each information technology hardware or software system and security tool that is, or is likely to become, widely used within the Federal Government, thereby enabling standardized and interoperable technologies, architectures, and frameworks for continuous monitoring of information security within the Federal Government.

(2) Priorities for development

The Director of the National Institute of Standards and Technology shall establish priorities for the development of standards, reference materials, and checklists under this subsection on the basis of—

(A) the security risks associated with the use of the system;

(B) the number of agencies that use a particular system or security tool;

(C) the usefulness of the standards, reference materials, or checklists to Federal