

**SEC. 7. FOSTERING RESEARCH AND EDUCATION IN COMPUTER AND NETWORK SECURITY.**

Section 3(a) of the National Science Foundation Act of 1950 (42 U.S.C. 1862(a)) is amended—

- (1) by striking “and” at the end of paragraph (6);
- (2) by striking “Congress.” in paragraph (7) and inserting “Congress ; and”; and
- (3) by adding at the end the following:  
“ (8) to take a leading role in fostering and supporting research and education activities to improve the security of networked information systems.”.

**SEC. 8. NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY PROGRAMS.** 15 USC 7406.

(a) RESEARCH PROGRAM.—The National Institute of Standards and Technology Act (15 U.S.C. 271 et seq.) is amended—

- (1) by moving section 22 to the end of the Act and redesignating it as section 32; and
  - (2) by inserting after section 21 the following new section:
- 15 USC 278h, 278q.

“SEC. 22. RESEARCH PROGRAM ON SECURITY OF COMPUTER SYSTEMS 15 USC 278h.

“(a) ESTABLISHMENT.—The Director shall establish a program of assistance to institutions of higher education that enter into partnerships with for-profit entities to support research to improve the security of computer systems. The partnerships may also include government laboratories and nonprofit research institutions. The program shall—

- “(1) include multidisciplinary, long-term research;
- “(2) include research directed toward addressing needs identified through the activities of the Computer System Security and Privacy Advisory Board under section 20(f); and
- “(3) promote the development of a robust research community working at the leading edge of knowledge in subject areas relevant to the security of computer systems by providing support for graduate students, post-doctoral researchers, and senior researchers.

“(b) FELLOWSHIPS.—

“(1) POST-DOCTORAL RESEARCH FELLOWSHIPS.—The Director is authorized to establish a program to award post-doctoral research fellowships to individuals who are citizens, nationals, or lawfully admitted permanent resident aliens of the United States and are seeking research positions at institutions, including the Institute, engaged in research activities related to the security of computer systems, including the research areas described in section 4(a)(1) of the Cyber Security Research and Development Act.

“(2) SENIOR RESEARCH FELLOWSHIPS.—The Director is authorized to establish a program to award senior research fellowships to individuals seeking research positions at institutions, including the Institute, engaged in research activities related to the security of computer systems, including the research areas described in section 4(a)(1) of the Cyber Security Research and Development Act. Senior research fellowships shall be made available for established researchers at institutions of higher education who seek to change research fields and pursue studies related to the security of computer systems.

“(3) ELIGIBILITY.—