

108TH CONGRESS  
2D SESSION

# S. 2295

To authorize appropriations for the Homeland Security Department's Directorate of Science and Technology, establish a program for the use of advanced technology to meet homeland security needs, and for other purposes.

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## IN THE SENATE OF THE UNITED STATES

APRIL 7, 2004

Mr. MCCAIN (for himself, Mr. KYL, Mr. DORGAN, Mr. SCHUMER, Mrs. CLINTON, and Mrs. BOXER) introduced the following bill; which was read twice and referred to the Committee on Commerce, Science, and Transportation

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## A BILL

To authorize appropriations for the Homeland Security Department's Directorate of Science and Technology, establish a program for the use of advanced technology to meet homeland security needs, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the "Border Infrastructure  
5 and Technology Integration Act of 2004".

# 1       **TITLE I—BORDER SECURITY**

## 2   **SEC. 101. VULNERABILITY AND THREAT ASSESSMENT.**

3       (a) **STUDY.**—The Under Secretary of Homeland Se-  
4   curity for Border and Transportation Security, in con-  
5   sultation with the Under Secretary of Homeland Security  
6   for Science and Technology and the Under Secretary of  
7   Homeland Security for Information Analysis and Infra-  
8   structure Protection, shall study the technology, equip-  
9   ment, and personnel needed to address security  
10  vulnerabilities within the United States for each field of-  
11  fice of the Bureau of Customs and Border Protection that  
12  has responsibility for any portion of the United States bor-  
13  ders with Canada and Mexico, including an assessment of  
14  the optimal Border Patrol strength for those borders. The  
15  Under Secretary shall conduct follow-up studies at least  
16  once every 5 years.

17       (b) **REPORT TO CONGRESS.**—The Under Secretary  
18  shall submit a report to Congress on the Under Sec-  
19  retary’s findings and conclusions from each study con-  
20  ducted under subsection (a) together with legislative rec-  
21  ommendations, as appropriate, for addressing any security  
22  vulnerabilities found by the study.

23       (c) **AUTHORIZATION OF APPROPRIATIONS.**—There  
24  are authorized to be appropriated to the Department of  
25  Homeland Security Directorate of Border and Transpor-

1 tation Security such sums as may be necessary for fiscal  
2 years 2005 through 2010 to carry out any such rec-  
3 ommendations from the first study conducted under sub-  
4 section (a).

5 **SEC. 102. DISCRETIONARY ACCOUNTS FOR FIELD OFFICES.**

6 (a) IN GENERAL.—The Secretary of Homeland Secu-  
7 rity may provide up to \$15,000 per fiscal year to any field  
8 office of the Bureau of Customs and Border Protection  
9 to be used by that office in developing innovative tech-  
10 niques and technologies to carry out its duties with respect  
11 to the inspection of articles and individuals entering the  
12 United States. Financial assistance provided to a field of-  
13 fice under this subsection shall be in addition to any  
14 amounts made available to that office under any other pro-  
15 vision of law.

16 (b) APPLICATIONS.—To receive funding provided  
17 under subsection (a) a field office shall submit an applica-  
18 tion to the Secretary, at such time and in such manner  
19 as the Secretary may require, describing the purpose for  
20 which the additional funding is requested in sufficient de-  
21 tail to permit the Secretary to determine whether the addi-  
22 tional funding is necessary and appropriate.

23 (c) REPORTS.—

24 (1) INFORMATION-SHARING.—Not later than 30  
25 days after the head of a field office implements a

1 new technique or technology developed in whole or in  
2 part with funding provided under subsection (a), the  
3 head of the field office shall submit a report to the  
4 Commissioner of the Bureau of Customs and Border  
5 Protection of the Department of Homeland Security,  
6 the Under Secretary of Homeland Security for Bor-  
7 der and Transportation Security, the Under Sec-  
8 retary of Homeland Security for Science and Tech-  
9 nology, and the heads of the other field offices re-  
10 garding the technique or technology in order for suc-  
11 cessful techniques and technologies to be replicated  
12 by other offices.

13 (2) CONTENTS.—The report shall include—

14 (A) a description of the technique or tech-  
15 nology developed or implemented with funds  
16 provided under subsection (a); and

17 (B) information on—

18 (i) how the technique or technology  
19 was employed to enhance border security;

20 (ii) the effectiveness of the technique  
21 or technology for enhancing border secu-  
22 rity; and

23 (iii) the need for future development  
24 or implementation of additional techniques  
25 or technology;

1 (C) accounting for expenditures of funds  
2 received under subsection (a);

3 (D) requesting more funding under sub-  
4 section (a) if the head of the field office believes  
5 it necessary to improve or further develop the  
6 technique or technology, or to develop addi-  
7 tional techniques or technologies; and

8 (E) providing an explanation of the need  
9 for such additional funding and a justification  
10 for the amount requested.

11 **SEC. 103. USE OF AERIAL SURVEILLANCE TECHNOLOGIES**  
12 **FOR BORDER SECURITY.**

13 (a) PILOT PROGRAM.—Not later than 180 days after  
14 the date of the enactment of this Act, the Under Secretary  
15 of Homeland Security for Science and Technology, in con-  
16 sultation with the Under Secretary of Homeland Security  
17 for Border and Transportation Security, the Under Sec-  
18 retary of Homeland Security for Information Analysis and  
19 Infrastructure Protection, the Secretary of Defense, and  
20 the Administrator of the Federal Aviation Administration  
21 shall develop a pilot program to utilize, or increase the  
22 utilization of, aerial surveillance technologies to enhance  
23 the border security of the United States. In developing the  
24 program, the Under Secretary shall—

1           (1) consider current and proposed aerial sur-  
2           veillance technologies that could be utilized to en-  
3           hance the border security of the United States;

4           (2) assess the threats to the border security of  
5           the United States that can be addressed by the utili-  
6           zation of such technologies; and

7           (3) assess the feasibility and advisability of uti-  
8           lizing such technologies to address such threats, in-  
9           cluding an assessment of the technologies considered  
10          best suited to address such threats.

11          (b) ADDITIONAL REQUIREMENTS.—

12           (1) IN GENERAL.—The pilot program shall in-  
13          clude the utilization of a variety of aerial surveil-  
14          lance technologies in a variety of topographies and  
15          areas (including both populated and unpopulated  
16          areas) on both the northern and southern borders of  
17          the United States in order to evaluate, for a range  
18          of circumstances—

19                   (A) the significance of previous experiences  
20                   with such technologies in homeland security or  
21                   critical infrastructure protection for the utiliza-  
22                   tion of such technologies for border security;

23                   (B) the cost, utility, and effectiveness of  
24                   various technologies for border security, includ-  
25                   ing varying levels of technical complexity; and

1           (C) liability, safety, and privacy concerns  
2           relating to the utilization of such technologies  
3           for border security.

4           (2) USE OF UNMANNED AERIAL VEHICLES.—

5           The aerial surveillance technologies utilized in the  
6           pilot program shall include unmanned aerial vehi-  
7           cles.

8           (c) IMPLEMENTATION.—The Under Secretary of  
9           Homeland Security for Border and Transportation Secu-  
10          rity shall implement the pilot program developed under  
11          this section.

12          (d) REPORT.—Not later than 1 year after imple-  
13          menting the pilot program under subsection (a), the  
14          Under Secretary shall submit a report on the program to  
15          the Senate Committee on Commerce, Science, and Trans-  
16          portation, the House of Representatives Committee on  
17          Science, and the House of Representatives Select Com-  
18          mittee on Homeland Security. The Under Secretary shall  
19          include in the report a description of the program together  
20          with such recommendations as the Under Secretary finds  
21          appropriate, including recommendations for terminating  
22          the program, making the program permanent, or enhanc-  
23          ing the program.

1 **SEC. 104. USE OF GROUND SURVEILLANCE TECHNOLOGIES**  
2 **FOR BORDER SECURITY.**

3 (a) PILOT PROGRAM.—Not later than 180 days after  
4 the date of the enactment of this Act, the Under Secretary  
5 of Homeland Security for Science and Technology, in con-  
6 sultation with the Under Secretary of Homeland Security  
7 for Border and Transportation Security, the Under Sec-  
8 retary of Homeland Security for Information Analysis and  
9 Infrastructure Protection, and the Secretary of Defense,  
10 shall develop a pilot program to utilize, or increase the  
11 utilization of, ground surveillance technologies to enhance  
12 the border security of the United States. In developing the  
13 program, the Under Secretary shall—

14 (1) consider various current and proposed  
15 ground surveillance technologies that could be uti-  
16 lized to enhance the border security of the United  
17 States;

18 (2) assess the threats to the border security of  
19 the United States that could be addressed by the  
20 utilization of such technologies; and

21 (3) assess the feasibility and advisability of uti-  
22 lizing such technologies to address such threats, in-  
23 cluding an assessment of the technologies considered  
24 best suited to address such threats.

25 (b) ADDITIONAL REQUIREMENTS.—

1           (1) IN GENERAL.—The pilot program shall in-  
2           clude the utilization of a variety of ground surveil-  
3           lance technologies in a variety of topographies and  
4           areas (including both populated and unpopulated  
5           areas) on both the northern and southern borders of  
6           the United States in order to evaluate, for a range  
7           of circumstances—

8                   (A) the significance of previous experiences  
9                   with such technologies in homeland security or  
10                  critical infrastructure protection for the utiliza-  
11                  tion of such technologies for border security;

12                  (B) the cost, utility, and effectiveness of  
13                  such technologies for border security; and

14                  (C) liability, safety, and privacy concerns  
15                  relating to the utilization of such technologies  
16                  for border security.

17           (2) TECHNOLOGIES.—The ground surveillance  
18           technologies utilized in the pilot program shall in-  
19           clude the following:

20                   (A) Video camera technology.

21                   (B) Sensor technology.

22                   (C) Motion detection technology.

23           (c) IMPLEMENTATION.—The Under Secretary of  
24           Homeland Security for Border and Transportation Secu-

1 rity shall implement the pilot program developed under  
2 this section.

3 (d) REPORT.—Not later than 1 year after imple-  
4 menting the pilot program under subsection (a), the  
5 Under Secretary shall submit a report on the program to  
6 the Senate Committee on Commerce, Science, and Trans-  
7 portation, the House of Representatives Committee on  
8 Science, and the House of Representatives Select Com-  
9 mittee on Homeland Security. The Under Secretary shall  
10 include in the report a description of the program together  
11 with such recommendations as the Under Secretary finds  
12 appropriate, including recommendations for terminating  
13 the program, making the program permanent, or enhanc-  
14 ing the program.

15 **SEC. 105. ENHANCEMENT OF COMMUNICATIONS INTEGRA-**  
16 **TION AND INFORMATION SHARING ON BOR-**  
17 **DER SECURITY.**

18 (a) IN GENERAL.—Not later than 180 days after the  
19 date of the enactment of this Act, the Secretary of Home-  
20 land Security, acting through the Under Secretary of  
21 Homeland Security for Border and Transportation Secu-  
22 rity, in consultation with the Under Secretary of Home-  
23 land Security for Science and Technology, the Under Sec-  
24 retary of Homeland Security for Information Analysis and  
25 Infrastructure Protection, the Assistant Secretary of Com-

1 merce for Communications and Information, and other ap-  
2 propriate Federal, State, local, and tribal agencies, shall  
3 develop and implement a plan—

4           (1) to improve the communications systems of  
5 the departments and agencies of the Federal Gov-  
6 ernment in order to facilitate the integration of com-  
7 munications among the departments and agencies of  
8 the Federal Government and State, local government  
9 agencies, and Indian tribal agencies on matters re-  
10 lating to border security; and

11           (2) to enhance information sharing among the  
12 departments and agencies of the Federal Govern-  
13 ment, State and local government agencies, and In-  
14 dian tribal agencies on such matters.

15       (b) REPORT.—Not later than 1 year after imple-  
16 menting the plan under subsection (a), the Secretary shall  
17 submit a copy of the plan and a report on the plan, includ-  
18 ing any recommendations the Secretary finds appropriate,  
19 to the Senate Committee on Commerce, Science, and  
20 Transportation, the House of Representatives Committee  
21 on Science, and the House of Representatives Select Com-  
22 mittee on Homeland Security.

23 **SEC. 106. BORDER SECURITY COORDINATION.**

24       (a) IN GENERAL.—The Under Secretary of Home-  
25 land Security for Border and Transportation Security, in

1 consultation with the Under Secretary of Homeland Secu-  
2 rity for Science and Technology and the Under Secretary  
3 of Homeland Security for Information Analysis and Infra-  
4 structure Protection, shall work with Federal, State, local,  
5 and tribal agencies on law enforcement, emergency re-  
6 sponse, or security-related responsibilities for areas on or  
7 adjacent to the United States borders with Canada and  
8 Mexico to develop and implement a plan to ensure that  
9 border security is not compromised—

10 (1) when jurisdiction over an area or facility  
11 passes from one agency to another;

12 (2) in areas of shared jurisdiction; or

13 (3) when one Federal agency relinquishes juris-  
14 diction to another pursuant to a memorandum of  
15 understanding.

16 (b) KEY ELEMENTS OF PLAN.—In developing the  
17 plan, the Under Secretary shall focus particularly on—

18 (1) the coordination of emergency responses to  
19 border security events;

20 (2) improved data-sharing and communications  
21 among the responsible agencies; and

22 (3) research and development relating to tech-  
23 nology and systems for improved coordination  
24 among the responsible agencies.

1 (c) REPORT.—Not later than 1 year after imple-  
2 menting the plan under subsection (a), the Under Sec-  
3 retary shall transmit a report to the Senate Committee  
4 on Commerce, Science, and Transportation, the House of  
5 Representatives Committee on Science, the House of Rep-  
6 resentatives Select Committee on Homeland Security, and  
7 other appropriate committees of Congress on the develop-  
8 ment and implementation of the plan. The report shall in-  
9 clude information on Federal agency response times to  
10 calls for assistance on immigration-related matters from  
11 State and local government agencies.

12 **SEC. 107. MONITORING FOR BORDER AREA BIOTERRORISM**  
13 **ATTACKS.**

14 (a) IN GENERAL.—The Secretary of Homeland Secu-  
15 rity and the Secretary of Health and Human Services  
16 shall execute a memorandum of understanding between  
17 the Department of Homeland Security and the Depart-  
18 ment of Health and Human Services establishing a sys-  
19 tem—

- 20 (1) to monitor hospitals along the United  
21 States borders with Canada and Mexico for signs of  
22 potential health threats or bioterror attacks; and  
23 (2) to ensure cooperation and information-shar-  
24 ing between the departments with respect to such  
25 threats or attacks.

1 (b) REPORT.—Not later than 1 year after the memo-  
2 randum of understanding is executed and annually there-  
3 after, the Secretaries shall transmit a joint report to the  
4 Congress on the system established under subsection (a)  
5 during the preceding calendar year. The report shall in-  
6 clude a description of measures taken to deal with any  
7 problems reported, proposals for improving the system,  
8 and recommendations (including legislative recommenda-  
9 tions if appropriate), to improve or expand the system.

10 **TITLE II—DEPARTMENT OF**  
11 **HOMELAND SECURITY DIREC-**  
12 **TORATE OF SCIENCE AND**  
13 **TECHNOLOGY**

14 **SEC. 201. AUTHORIZATION OF APPROPRIATIONS.**

15 (a) FISCAL YEAR 2005.—There are authorized to be  
16 appropriated to the Secretary of Homeland Security for  
17 the Directorate of Science and Technology  
18 \$1,039,350,000 for fiscal year 2005 to carry out title III  
19 of the Homeland Security Act of 2002 (6 U.S.C. 181 et  
20 seq.), of which—

21 (1) \$129,300,000 shall be for radiological/nu-  
22 clear countermeasures;

23 (2) \$407,000,000 shall be for biological coun-  
24 termeasures;

1           (3) \$62,700,000 shall be for chemical and high  
2 explosives countermeasures;

3           (4) \$39,700,000 shall be for the standards and  
4 State and local program;

5           (5) \$34,000,000 shall be for the Conventional  
6 Missions/Components Program;

7           (6) \$30,000,000 shall be for university pro-  
8 grams;

9           (7) \$21,000,000 shall be for emerging threats;

10           (8) \$76,000,000 shall be for the Rapid Proto-  
11 typing Program;

12           (9) \$101,900,000 shall be for threat and vul-  
13 nerability testing and assessment;

14           (10) \$61,000,000 shall be for Counter  
15 MANPADS/Critical Infrastructure Protection;

16           (11) \$52,600,000 shall be for salary and ex-  
17 penses; and

18           (12) \$24,150,000 shall be for Research and De-  
19 velopment Consolidation transferred funds.

20       (b) FISCAL YEAR 2006.—There are authorized to be  
21 appropriated to the Secretary of Homeland Security for  
22 the Directorate of Science and Technology  
23 \$1,045,656,000 for fiscal year 2006 to carry out title III  
24 of the Homeland Security Act of 2002 (6 U.S.C. 181 et  
25 seq.), of which—

1           (1) \$133,179,000 shall be for radiological/nuclear countermeasures;

2  
3           (2) \$419,210,000 shall be for biological countermeasures;

4  
5           (3) \$64,581,000 shall be for chemical and high explosives countermeasures;

6  
7           (4) \$40,891,000 shall be for the standards and State and local program;

8  
9           (5) \$35,020,000 shall be for the Conventional Missions/Components Program;

10  
11           (6) \$30,900,000 shall be for university programs;

12  
13           (7) \$21,630,000 shall be for emerging threats;

14  
15           (8) \$78,280,000 shall be for the Rapid Prototyping Program;

16  
17           (9) \$104,957,000 shall be for threat and vulnerability testing and assessment;

18           (10) \$62,830,000 shall be for Counter MANPADS/Critical Infrastructure Protection; and

19  
20           (11) \$54,178,000 shall be for salary and expenses.

21  
22           (c) FISCAL YEAR 2007.—There are authorized to be  
23 appropriated to the Secretary of Homeland Security for  
24 the Directorate of Science and Technology  
25 \$1,077,025,680 for fiscal year 2007 to carry out title III

1 of the Homeland Security Act of 2002 (6 U.S.C. 181 et  
2 seq.), of which—

3 (1) \$137,174,370 shall be for radiological/nu-  
4 clear countermeasures;

5 (2) \$431,786,300 shall be for biological coun-  
6 termeasures;

7 (3) \$66,518,430 shall be for chemical and high  
8 explosives countermeasures;

9 (4) \$42,117,730 shall be for the standards and  
10 State and local program;

11 (5) \$36,070,600 shall be for the Conventional  
12 Missions/Components Program;

13 (6) \$31,827,000 shall be for university pro-  
14 grams;

15 (7) \$22,278,900 shall be for emerging threats;

16 (8) \$80,628,400 shall be for the Rapid Proto-  
17 typing Program;

18 (9) \$108,105,710 shall be for threat and vul-  
19 nerability testing and assessment;

20 (10) \$64,714,900 shall be for Counter  
21 MANPADS/Critical Infrastructure Protection; and

22 (11) \$55,803,340 shall be for salary and ex-  
23 penses.

24 (d) FISCAL YEAR 2008.—There are authorized to be  
25 appropriated to the Secretary of Homeland Security for

1 the Directorate of Science and Technology  
2 \$1,109,336,450 for fiscal year 2008 to carry out title III  
3 of the Homeland Security Act of 2002 (6 U.S.C. 181 et  
4 seq.), of which—

5 (1) \$141,289,601 shall be for radiological/nu-  
6 clear countermeasures;

7 (2) \$444,739,889 shall be for biological coun-  
8 termeasures;

9 (3) \$68,513,983 shall be for chemical and high  
10 explosives countermeasures;

11 (4) \$43,381,262 shall be for the standards and  
12 State and local program;

13 (5) \$37,152,718 shall be for the Conventional  
14 Missions/Components Program;

15 (6) \$32,781,810 shall be for university pro-  
16 grams;

17 (7) \$22,947,267 shall be for emerging threats;

18 (8) \$83,047,252 shall be for the Rapid Proto-  
19 typing Program;

20 (9) \$111,348,881 shall be for threat and vul-  
21 nerability testing and assessment;

22 (10) \$66,656,347 shall be for Counter  
23 MANPADS/Critical Infrastructure Protection; and

24 (11) \$57,477,440 shall be for salary and ex-  
25 penses.

1 **SEC. 202. RESEARCH NEEDS AND PRIORITIES REPORT.**

2 (a) IN GENERAL.—Not later than 180 days after the  
3 date of enactment of this Act and annually thereafter, the  
4 Under Secretary of Homeland Security for Science and  
5 Technology shall transmit to the Senate Committee on  
6 Commerce, Science, and Transportation, the House of  
7 Representatives Committee on Science, and the House of  
8 Representatives Select Committee on Homeland Security  
9 a report on research and development needs and priorities  
10 identified for all elements of the Department of Homeland  
11 Security.

12 (b) CONTENT.—The report shall include a description  
13 of—

14 (1) the research and development needs in sup-  
15 port of the Department’s missions;

16 (2) priorities established for directing, funding,  
17 and conducting research and development activities  
18 of the Department;

19 (3) the Directorate of Science and Technology’s  
20 efforts and priorities to meet the research and devel-  
21 opment needs of the Department;

22 (4) the progress that the Science and Tech-  
23 nology Directorate has made in its efforts to meet  
24 the needs described in paragraph (1); and

1           (5) strategies to coordinate and integrate all re-  
2           search, development, demonstration, testing, and  
3           evaluation activities of the Department.

4 **SEC. 203. NATIONAL ACADEMY OF SCIENCES.**

5           (a) REVIEW.—Not later than 60 days after the initial  
6           report is submitted under section 202, the Under Sec-  
7           retary of Homeland Security for Science and Technology  
8           shall contract with the National Academy of Sciences to  
9           conduct a review of the Science and Technology Direc-  
10          torate’s research and development needs and priorities de-  
11          scribed in the report. The review shall include—

12           (1) an assessment of the Directorate’s ability to  
13           meet the research and development needs of the De-  
14           partment of Homeland Security;

15           (2) a review of the process used to determine  
16           research priorities;

17           (3) a review of the grant proposal evaluation  
18           process; and

19           (4) a review of the technology transfer process.

20          (b) REPORT.—Not later than 1 year after the date  
21          of enactment of this Act, the National Academy of  
22          Sciences shall report to the Senate Committee on Com-  
23          merce, Science, and Transportation, the House of Rep-  
24          resentatives Committee on Science, and the House of Rep-

1 representatives Select Committee on Homeland Security on  
2 the results of the review conducted under subsection (a).

3 **SEC. 204. RESEARCH AND DEVELOPMENT ACTIVITIES RE-**  
4 **PORTS.**

5 Not later than 60 days after the initial report is sub-  
6 mitted under section 202, the Secretary of Homeland Se-  
7 curity shall—

8 (1) identify all research and development activi-  
9 ties in the Department of Homeland Security that  
10 are not conducted within the Directorate of Science  
11 and Technology; and

12 (2) consolidate those activities so as to elimi-  
13 nate needless duplication of effort.

14 **SEC. 205. PERSONNEL PLAN.**

15 Not later than 3 months after the date of enactment  
16 of this Act, the Under Secretary of Homeland Security  
17 for Science and Technology shall submit a personnel staff-  
18 ing plan for the Science and Technology Directorate to  
19 the Senate Committee on Commerce, Science, and Trans-  
20 portation and the House of Representatives Committee on  
21 Science. The plan shall include information on recruitment  
22 procedures, compensation arrangements, and the number  
23 and qualifications of employees required for the Direc-  
24 torate.

1 **SEC. 206. HOMELAND SECURITY INSTITUTE.**

2 Section 312 of the Homeland Security Act of 2002  
3 (6 U.S.C. 192) is amended by striking subsection (g).

4 **SEC. 207. TECHNOLOGY TRANSFER AND LICENSING OF-**  
5 **FICE.**

6 (a) **ESTABLISHMENT OF THE OFFICE.**—The Under  
7 Secretary of Homeland Security for Science and Tech-  
8 nology shall establish a Technology Transfer and Licens-  
9 ing Office within the Directorate of Science and Tech-  
10 nology. The Office shall—

11 (1) facilitate the transfer of technologies into  
12 and out of the Directorate of Science and Tech-  
13 nology; and

14 (2) handle the licensing activities for the Direc-  
15 torate of Science and Technology.

16 (b) **TECHNOLOGY TRANSFER PLAN.**—Not later than  
17 180 days after the date of enactment of this Act, the  
18 Under Secretary shall develop and implement a technology  
19 transfer plan for the Directorate. The technology transfer  
20 plan shall include—

21 (1) a framework of oversight and administrative  
22 requirements for carrying out technology transfer  
23 activities;

24 (2) a description of how the Office will identify,  
25 assess, license, and monitor research and develop-  
26 ment projects that the Department and its related

1 facilities determine have a potential for public and  
2 commercial application; and

3 (3) procedures for the dissemination of infor-  
4 mation on Federally owned or originated products,  
5 processes, and services to interested parties.

6 (c) PLAN AND REPORT.—The Under Secretary shall  
7 transmit a copy of the plan, together with recommenda-  
8 tions (including legislative recommendations) if any, to the  
9 Senate Committee on Commerce, Science, and Transpor-  
10 tation, the House of Representatives Committee on  
11 Science, and the House of Representatives Select Com-  
12 mittee on Homeland Security within 1 year after the plan  
13 is implemented.

14 **SEC. 208. HOMELAND SECURITY TECHNOLOGY INVEST-**  
15 **MENT STUDY.**

16 (a) IN GENERAL.—Within 90 days after the date of  
17 enactment of this Act, the Secretary of Homeland Security  
18 shall initiate and complete a study to determine the feasi-  
19 bility of funding a nonprofit government-sponsored enter-  
20 prise for the purpose of investing in private sector enter-  
21 prises to support research and development of new tech-  
22 nologies that show promise for homeland security applica-  
23 tions.

24 (b) REPORT.—The Secretary shall transmit a report,  
25 with the Secretary's findings, conclusions, and rec-

1 ommendations (including legislative recommendations, if  
2 appropriate), within 120 days after the date of enactment  
3 of this Act to the Senate Committee on Commerce,  
4 Science, and Transportation, the House of Representa-  
5 tives Committee on Science, and the House of Representa-  
6 tives Select Committee on Homeland Security.

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