

115TH CONGRESS 1ST SESSION

S. 719

To establish a grant program at the Department of Homeland Security to promote cooperative research and development between the United States and Israel on cybersecurity.

IN THE SENATE OF THE UNITED STATES

March 23, 2017

Mr. Whitehouse (for himself, Mr. Daines, Mr. Peters, Ms. Duckworth, and Mr. Gardner) introduced the following bill; which was read twice and referred to the Committee on Homeland Security and Governmental Affairs

A BILL

To establish a grant program at the Department of Homeland Security to promote cooperative research and development between the United States and Israel on cybersecurity.

- 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 "United States-Israel
- 5 Cybersecurity Cooperation Enhancement Act of 2017".

1	SEC. 2. UNITED STATES-ISRAEL CYBERSECURITY CO-
2	OPERATION.
3	(a) Grant Program.—
4	(1) Establishment.—The Secretary, in ac-
5	cordance with the agreement entitled the "Agree-
6	ment between the Government of the United States
7	of America and the Government of the State of
8	Israel on Cooperation in Science and Technology for
9	Homeland Security Matters", done at Jerusalem
10	May 29, 2008 (or successor agreement), and the re-
11	quirements specified in paragraph (2), shall estab-
12	lish a grant program at the Department to sup-
13	port—
14	(A) cybersecurity research and develop-
15	ment; and
16	(B) demonstration and commercialization
17	of cybersecurity technology.
18	(2) Requirements.—
19	(A) APPLICABILITY.—Notwithstanding any
20	other provision of law, in carrying out a re-
21	search, development, demonstration, or com-
22	mercial application program or activity that is
23	authorized under this section, the Secretary
24	shall require cost sharing in accordance with
25	this paragraph.
26	(B) Research and Development.—

1	(i) In general.—Except as provided
2	in clause (ii), the Secretary shall require
3	not less than 50 percent of the cost of a
4	research, development, demonstration, or
5	commercial application program or activity
6	described in subparagraph (A) to be pro-
7	vided by a non-Federal source.
8	(ii) Reduction.—The Secretary may
9	reduce or eliminate, on a case-by-case
10	basis, the percentage requirement specified
11	in clause (i) if the Secretary determines
12	that such reduction or elimination is nec-
13	essary and appropriate.
14	(C) Merit review.—In carrying out a re-
15	search, development, demonstration, or com-
16	mercial application program or activity that is
17	authorized under this section, awards shall be
18	made only after an impartial review of the sci-
19	entific and technical merit of the proposals for
20	such awards has been carried out by or for the
21	Department.

(D) REVIEW PROCESSES.—In carrying out a review under subparagraph (C), the Secretary may use merit review processes developed under

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1	section 302(14) of the Homeland Security Act
2	of 2002 (6 U.S.C. 182(14)).
3	(3) Eligible applicants.—An applicant shall
4	be eligible to receive a grant under this subsection
5	if the project of such applicant—
6	(A) addresses a requirement in the area of
7	cybersecurity research or cybersecurity tech-
8	nology, as determined by the Secretary; and
9	(B) is a joint venture between—
10	(i)(I) a for-profit business entity, aca-
11	demic institution, National Laboratory (as
12	defined in section 2 of the Energy Policy
13	Act of 2005 (42 U.S.C. 15801)), or non-
14	profit entity in the United States; and
15	(II) a for-profit business entity, aca-
16	demic institution, or nonprofit entity in
17	Israel; or
18	(ii)(I) the Federal Government; and
19	(II) the Government of Israel.
20	(4) Applications.—To be eligible to receive a
21	grant under this subsection, an applicant shall sub-
22	mit to the Secretary an application for such grant
23	in accordance with procedures established by the
24	Secretary, in consultation with the advisory board
25	established under paragraph (5).

1	(5) Advisory board.—
2	(A) ESTABLISHMENT.—The Secretary
3	shall establish an advisory board to—
4	(i) monitor the method by which
5	grants are awarded under this subsection;
6	and
7	(ii) provide to the Secretary periodic
8	performance reviews of actions taken to
9	carry out this subsection.
10	(B) Composition.—The advisory board
11	established under subparagraph (A) shall be
12	composed of three members, to be appointed by
13	the Secretary, of whom—
14	(i) one shall be a representative of the
15	Federal Government;
16	(ii) one shall be selected from a list of
17	nominees provided by the United States-
18	Israel Binational Science Foundation; and
19	(iii) one shall be selected from a list
20	of nominees provided by the Israel-United
21	States Binational Industrial Research and
22	Development Foundation.
23	(6) Contributed funds.—Notwithstanding
24	any other provision of law, the Secretary may accept
25	or retain funds contributed by any person, govern-

- ment entity, or organization for purposes of carrying out this subsection. Such funds shall be available, subject to appropriation, without fiscal year limita-
- 5 (7) Report.—Not later than 180 days after 6 the date of completion of a project for which a grant 7 is provided under this subsection, the grant recipient 8 shall submit to the Secretary a report that con-9 tains—
- 10 (A) a description of how the grant funds 11 were used by the recipient; and
- 12 (B) an evaluation of the level of success of 13 each project funded by the grant.
- 14 (8) CLASSIFICATION.—Grants shall be awarded 15 under this subsection only for projects that are con-16 sidered to be unclassified by both the United States 17 and Israel.
- 18 (b) TERMINATION.—The grant program and the ad-19 visory board established under this section shall terminate 20 on the date that is 7 years after the date of the enactment 21 of this Act.
- (c) No Additional Funds Authorized.—No additional funds are authorized to be appropriated to carry out the requirements of this Act. Such requirements shall be carried out using amounts otherwise appropriated.

tion.

1	(d) Definitions.—In this section—
2	(1) the term "cybersecurity research" means re-
3	search, including social science research, into ways
4	to identify, protect against, detect, respond to, and
5	recover from cybersecurity threats;
6	(2) the term "cybersecurity technology" means
7	technology intended to identify, protect against, de
8	tect, respond to, and recover from cybersecurity
9	threats;
10	(3) the term "cybersecurity threat" has the
11	meaning given such term in section 102 of the Cy
12	bersecurity Information Sharing Act of 2015 (6
13	U.S.C. 1501);
14	(4) the term "Department" means the Depart
15	ment of Homeland Security; and
16	(5) the term "Secretary" means the Secretary
17	of Homoland Sogurity