

UNITED STATES-ISRAEL CYBERSECURITY COOPERATION ENHANCEMENT ACT OF 2016

Mr. RATCLIFFE. Mr. Speaker, I move to suspend the rules and pass the bill (H.R. 5843) 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, as amended.

The Clerk read the title of the bill.
The text of the bill is as follows:

H.R. 5843

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the “United States-Israel Cybersecurity Cooperation Enhancement Act of 2016”.

SEC. 2. UNITED STATES-ISRAEL CYBERSECURITY COOPERATION.

(a) GRANT PROGRAM.—

(1) ESTABLISHMENT.—The Secretary, in accordance with the agreement entitled the “Agreement between the Government of the United States of America and the Government of the State of Israel on Cooperation in Science and Technology for Homeland Security Matters”, dated May 29, 2008 (or successor agreement), and the requirements specified in paragraph (2), shall establish a grant program at the Department to support—

(A) cybersecurity research and development; and

(B) demonstration and commercialization of cybersecurity technology.

(2) REQUIREMENTS.—

(A) APPLICABILITY.—Notwithstanding any other provision of law, in carrying out a research, development, demonstration, or commercial application program or activity that is authorized under this section, the Secretary shall require cost sharing in accordance with this paragraph.

(B) RESEARCH AND DEVELOPMENT.—

(i) IN GENERAL.—Except as provided in clause (ii), the Secretary shall require not less than 50 percent of the cost of a research, development, demonstration, or commercial application program or activity described in subparagraph (A) to be provided by a non-Federal source.

(ii) REDUCTION.—The Secretary may reduce or eliminate, on a case-by-case basis, the percentage requirement specified in clause (i) if the Secretary determines that such reduction or elimination is necessary and appropriate.

(C) MERIT REVIEW.—In carrying out a research, development, demonstration, or commercial application program or activity that is authorized under this section, awards shall be made only after an impartial review of the scientific and technical merit of the proposals for such awards has been carried out by or for the Department.

(D) REVIEW PROCESSES.—In carrying out a review under subparagraph (C), the Secretary may use merit review processes developed under section 302(14) of the Homeland Security Act of 2002 (6 U.S.C. 182(14)).

(3) ELIGIBLE APPLICANTS.—An applicant shall be eligible to receive a grant under this subsection if the project of such applicant—

(A) addresses a requirement in the area of cybersecurity research or cybersecurity technology, as determined by the Secretary; and

(B) is a joint venture between—

(i)(I) a for-profit business entity, academic institution, National Laboratory (as defined in section 2 of the Energy Policy Act of 2005

(42 U.S.C. 15801)), or nonprofit entity in the United States; and

(II) a for-profit business entity, academic institution, or nonprofit entity in Israel; or

(ii)(I) the Federal Government; and

(II) the Government of Israel.

(4) APPLICATIONS.—To be eligible to receive a grant under this subsection, an applicant shall submit to the Secretary an application for such grant in accordance with procedures established by the Secretary, in consultation with the advisory board established under paragraph (5).

(5) ADVISORY BOARD.—

(A) ESTABLISHMENT.—The Secretary shall establish an advisory board to—

(i) monitor the method by which grants are awarded under this subsection; and

(ii) provide to the Secretary periodic performance reviews of actions taken to carry out this subsection.

(B) COMPOSITION.—The advisory board established under subparagraph (A) shall be composed of three members, to be appointed by the Secretary, of whom—

(i) one shall be a representative of the Federal Government;

(ii) one shall be selected from a list of nominees provided by the United States-Israel Binational Science Foundation; and

(iii) one shall be selected from a list of nominees provided by the United States-Israel Binational Industrial Research and Development Foundation.

(6) CONTRIBUTED FUNDS.—Notwithstanding any other provision of law, the Secretary may accept or retain funds contributed by any person, government entity, or organization for purposes of carrying out this subsection. Such funds shall be available, subject to appropriation, without fiscal year limitation.

(7) REPORT.—Not later than 180 days after the date of completion of a project for which a grant is provided under this subsection, the grant recipient shall submit to the Secretary a report that contains—

(A) a description of how the grant funds were used by the recipient; and

(B) an evaluation of the level of success of each project funded by the grant.

(8) CLASSIFICATION.—Grants shall be awarded under this subsection only for projects that are considered to be unclassified by both the United States and Israel.

(b) TERMINATION.—The grant program and the advisory board established under this section terminate on the date that is seven years after the date of the enactment of this Act.

(c) PROHIBITION ON ADDITIONAL FUNDING.—No additional funds are authorized to be appropriated to carry out this Act.

(d) DEFINITIONS.—In this section—

(1) the term “cybersecurity research” means research, including social science research, into ways to identify, protect against, detect, respond to, and recover from cybersecurity threats;

(2) the term “cybersecurity technology” means technology intended to identify, protect against, detect, respond to, and recover from cybersecurity threats;

(3) the term “cybersecurity threat” has the meaning given such term in section 102 of the Cybersecurity Information Sharing Act of 2015 (enacted as title I of the Cybersecurity Act of 2015 (division N of the Consolidated Appropriations Act, 2016 (Public Law 114-113)));

(4) the term “Department” means the Department of Homeland Security; and

(5) the term “Secretary” means the Secretary of Homeland Security.

The SPEAKER pro tempore. Pursuant to the rule, the gentleman from Texas (Mr. RATCLIFFE) and the gen-

tleman from Rhode Island (Mr. LANGEVIN) each will control 20 minutes.

The Chair recognizes the gentleman from Texas.

GENERAL LEAVE

Mr. RATCLIFFE. Mr. Speaker, I ask unanimous consent that all Members have 5 legislative days in which to revise and extend their remarks and to include any extraneous materials on the bill under consideration.

The SPEAKER pro tempore. Is there objection to the request of the gentleman from Texas?

There was no objection.

Mr. RATCLIFFE. Mr. Speaker, I yield myself such time as I may consume.

I thank my colleague, Mr. LANGEVIN, for offering this very important piece of legislation today.

As I mentioned earlier, both H.R. 5843 and H.R. 5877 were the result of our successful congressional delegation to the State of Israel, where we heard and learned firsthand about the importance of strong collaboration between our two nations—the United States and Israel.

This legislation further builds on the existing agreements between the United States and Israel by authorizing the Secretary to carry out a grant program to bolster the cyber defenses of both countries. It is vitally important that the United States and Israel have robust and innovative cyber defenses in order to stay ahead of our adversaries, and this legislation will help ensure that that is achieved.

Again, I thank Mr. LANGEVIN and his staff for their partnership on this very important issue, and I urge all Members to join me in supporting this bill. I reserve the balance of my time.

Mr. LANGEVIN. Mr. Speaker, I yield myself such time as I may consume.

I rise in strong support of H.R. 5843, the United States-Israel Cybersecurity Cooperation Enhancement Act of 2016. Much like the previous bill, H.R. 5843 is about enhancing cooperation with our allies in Israel to develop innovative cybersecurity solutions that are directly responsive to the needs of our national security.

Specifically, the bill creates a cybersecurity grant program for joint research and development ventures between Israeli and American entities. Projects would be selected after a merit-review—peer-review—process and would have to address requirements in cybersecurity that are determined by the Secretary of Homeland Security. The grants would also be subject to a cost-sharing requirement, with at least 50 percent of project funds coming from a non-Federal source.

Importantly, H.R. 5843 leverages existing United States-Israel R&D infrastructure, specifically the Binational Industrial Research and Development, or BIRD, Foundation and the Binational Science Foundation, or BSF. Both organizations have a proven track record of encouraging joint research efforts.

BIRD, for instance, has financed R&D and commercialization projects that have led to a cumulative \$8 billion in commercial sales since its founding while BSF regularly funds collaborations between the top scientists in our respective countries, as 45 Nobel laureates have received support from the foundation. Using the existing infrastructure, as was done in 2007 when Congress passed the Energy Independence and Security Act, which led to the creation of BIRD Energy, also allows us to capitalize on both foundations' robust networks of American and Israeli entities to help seed these joint efforts.

All of these factors are particularly critical in the fast-moving cybersecurity domain where offensive and defensive tactics and techniques change on a monthly or on even a weekly basis.

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As such, advances in the discipline require a near constant reexamining of assumptions, and having people from different backgrounds and security cultures working together engenders an environment where such reexamination is encouraged.

While both the U.S. and Israel have robust cybersecurity communities, further collaboration is needed to spur more advances to combat the threats that we face. Although some of these advances are technological in nature, basic cybersecurity research, such as investigations into the psychology of secure interface design and social engineering, is also supported by the bill.

All told, the programs authorized in H.R. 5843 and H.R. 5877 will both address urgent homeland security needs and build capacity for further transnational collaboration on cybersecurity, all while matching Federal investment with private dollars and funds from the Israeli Government.

As with any bill to make it to the floor, both H.R. 5843 and H.R. 5877 owe much to the dedicated staff who spent hours behind the scenes reviewing the legislation. In particular, I would like to thank Brett DeWitt, Christopher Schepis, and Erik Peterson from the Committee on Homeland Security's Subcommittee on Cybersecurity, Infrastructure Protection, and Security Technologies, who joined Representative RATCLIFFE and me on the congressional delegation trip that we took to Israel, as well as Emily Leviner on Mr. RATCLIFFE's personal staff and Nick Leiserson on my own staff.

I am also very grateful, of course, to Chairman MCCAUL, Ranking Member THOMPSON, and Subcommittee Ranking Member RICHMOND for their continued leadership on the issue of cybersecurity and for their assistance in quickly actualizing the lessons we learned on our trip to Israel.

Finally, once again, I owe a debt of gratitude to the gentleman across the aisle, Mr. RATCLIFFE, who, in just in his first term, has immediately had a substantial impact on our Nation's cy-

bersecurity, as I said previously, and with whom it has been a great pleasure to work.

Mr. Speaker, taken together, H.R. 5843 and H.R. 5877 do three things: they encourage innovative approaches to address top priorities in homeland security R&D; they strengthen ties with Israel, one of our closest allies; and they do so in a public-private partnership that matches Federal investment.

I urge Members to support H.R. 5843. I reserve the balance of my time.

Mr. RATCLIFFE. Mr. Speaker, I thank Congressman LANGEVIN for his kind words. I would also like to congratulate him on his hard work and his leadership in bringing this bill to the floor today.

I reserve the balance of my time.

Mr. LANGEVIN. Mr. Speaker, I yield myself such time as I may consume.

This bill is about innovation. It is a bill about bringing together the best minds in the U.S. and in Israel to help manage what has become an intractable problem. It is a bill that is sorely needed.

In the past year, just by way of example, we have seen the first cyber attack on a power grid in Ukraine. Many devices that are part of the Internet of Things have been compromised and used to attack Web sites and services.

Most disturbingly, the very foundation of our democracy, our voting system, has been targeted in a Russian information warfare campaign that leverages hacked documents. These are the national and Homeland Security threats that keep me up at night, and they are also the same types of threats that motivate the Israel National Cyber Bureau.

Working together, I believe that we can make meaningful progress to reduce the nation-state specific risk both countries face and better secure the entire Internet ecosystem.

I hope my colleagues in the Senate will move quickly to take up this issue. I would like to particularly thank my dear friend and home State colleague, Senator SHELDON WHITEHOUSE, for his efforts in this regard. He has been the leader in so many ways on the Senate side on cybersecurity, among other things, and has been an invaluable partner to me in this effort.

Again, let me thank Representative RATCLIFFE for his work on this bill and his leadership on the committee.

I urge my colleagues to support this bill.

I yield back the balance of my time.

Mr. RATCLIFFE. Mr. Speaker, I thank Congressman LANGEVIN, and I urge my colleagues to support his bill, H.R. 5843.

I yield back the balance of my time.

The SPEAKER pro tempore. The question is on the motion offered by the gentleman from Texas (Mr. RATCLIFFE) that the House suspend the rules and pass the bill, H.R. 5843, as amended.

The question was taken.

The SPEAKER pro tempore. In the opinion of the Chair, two-thirds being in the affirmative, the ayes have it.

Mr. RATCLIFFE. Mr. Speaker, I object to the vote on the ground that a quorum is not present and make the point of order that a quorum is not present.

The SPEAKER pro tempore. Pursuant to clause 8 of rule XX, further proceedings on this question will be postponed.

The point of no quorum is considered withdrawn.

EXPANSION OF ELIGIBILITY FOR HEADSTONES, MARKERS, AND MEDALLIONS FOR MEDAL OF HONOR RECIPIENTS

Mr. MILLER of Florida. Mr. Speaker, I move to suspend the rules and pass the bill (H.R. 4757) to amend title 38, United States Code, to expand the eligibility for headstones, markers, and medallions furnished by the Secretary of Veterans Affairs for deceased individuals who were awarded the Medal of Honor and are buried in private cemeteries, as amended.

The Clerk read the title of the bill.

The text of the bill is as follows:

H.R. 4757

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. EXPANSION OF ELIGIBILITY FOR HEADSTONES, MARKERS, AND MEDALLIONS FOR MEDAL OF HONOR RECIPIENTS.

Section 2306(d) of title 38, United States Code, is amended by adding at the end the following new paragraph:

“(5)(A) In carrying out this subsection with respect to a deceased individual described in subparagraph (C), the Secretary shall furnish, upon request, a headstone or marker under paragraph (1) or a medallion under paragraph (4) that signifies the deceased's status as a Medal of Honor recipient.

“(B) If the Secretary furnished a headstone, marker, or medallion under paragraph (1) or (4) for a deceased individual described in subparagraph (C) that does not signify the deceased's status as a Medal of Honor recipient, the Secretary shall, upon request, replace such headstone, marker, or medallion with a headstone, marker, or medallion, as the case may be, that so signifies the deceased's status as a Medal of Honor recipient.

“(C) A deceased individual described in this subparagraph is a deceased individual who—

“(i) served in the Armed Forces on or after April 6, 1917;

“(ii) is eligible for a headstone or marker furnished under paragraph (1) or a medallion furnished under paragraph (4) (or would be so eligible for such headstone, marker, or medallion but for the date of the death of the individual); and

“(iii) was awarded the Medal of Honor (including posthumously).”.

SEC. 2. EXPANSION OF PRESIDENTIAL MEMORIAL CERTIFICATE PROGRAM.

(a) IN GENERAL.—Section 112(a) of title 38, United States Code, is amended by striking “veterans,” and all that follows through “service,” and inserting the following: “persons eligible for burial in a national cemetery by reason of any of paragraphs (1), (2), (3), or (7) of section 2402(a) of this title.”.

(b) APPLICATION.—The amendment made by subsection (a) shall apply with respect to the