

great ideas that come out of it, the possibility for great innovations.

I will always remember when I first met with Steve Blank and saw him teaching the course that was the basis for I-Corps out of Stanford University. I thought this made complete sense to me, to be able to teach scientists and engineers, teach them how to be entrepreneurs, teach them how to develop ideas into new products, new services, and, hopefully, new American jobs.

The I-Corps program has been one of the most successful programs that I have seen during my time in Washington, D.C. This bill will help to advance that, and in doing so, help advance American innovation. I think that is a goal that we can all embrace.

So I ask my colleagues to support this bill, and, hopefully, we will work on it and get it through the Senate and to the President's desk, because I think this will be a great victory for our country.

Mr. Speaker, I yield back the balance of my time.

Ms. JOHNSON of Texas. Mr. Speaker, I support H.R. 539, the Innovators to Entrepreneurs Act of 2019. I thank Mr. LIPINSKI for his leadership on this bipartisan legislation and look forward to working with him to see it through to the President's desk.

Each dollar the U.S. invests in research grants at our universities is a dollar toward the birth of potentially game-changing discoveries and innovation. Innovation is the lifeblood of our economy. The job creation and economic security gains created by scientific advances can only be enjoyed if we fully support the innovation ecosystem from discovery to commercialization. Finding ways to maximize the benefits of federally funded research is critical to U.S. competitiveness in the global market.

H.R. 539 does just that. This bill creates a link between two of our most important programs that focus on creating a sustainable path from laboratory to market for valuable scientific research. This bill expands participation in the Innovation Corps Program to Small Business Innovation Program grantees. Started at the National Science Foundation, the Innovation Corps program, or I-Corps, helps prepare scientists and engineers to think beyond the university lab and gives them the skills to identify products with commercial potential and to be successful entrepreneurs. The Small Business Innovation Program and Small Business Technology Transfer Program, known as SBIR and STTR, are valuable programs that provide competitive research and development grants and contracts to innovative small businesses.

H.R. 539 also seeks to make available specialized I-Corps courses in all aspects of preparing a product to go to market. This is a vital component which can help identify market failures and premature business formation. Unfortunately, too many innovative ideas do not make it to the commercialization phase. This bill will help increase those odds.

I urge my colleagues to support H.R. 539.

The SPEAKER pro tempore. The question is on the motion offered by the gentleman from Illinois (Mr. LIPINSKI) that the House suspend the rules and pass the bill, H.R. 539.

The question was taken.

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

Mr. LIPINSKI. Mr. Speaker, on that I demand the yeas and nays.

The yeas and nays were ordered.

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

SUPPORTING VETERANS IN STEM CAREERS ACT

Mr. LIPINSKI. Mr. Speaker, I move to suspend the rules and pass the bill (H.R. 425) to promote veteran involvement in STEM education, computer science, and scientific research, and for other purposes.

The Clerk read the title of the bill.

The text of the bill is as follows:

H.R. 425

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 "Supporting Veterans in STEM Careers Act".

SEC. 2. DEFINITIONS.

In this Act:

(1) DIRECTOR.—The term "Director" means the Director of the National Science Foundation.

(2) FOUNDATION.—The term "Foundation" means the National Science Foundation.

(3) STEM.—The term "STEM" has the meaning given the term in section 2 of the America COMPETES Reauthorization Act of 2010 (42 U.S.C. 6621 note).

(4) VETERAN.—The term "veteran" has the meaning given the term in section 101 of title 38, United States Code.

SEC. 3. SUPPORTING VETERANS IN STEM EDUCATION AND COMPUTER SCIENCE.

(a) SUPPORTING VETERAN INVOLVEMENT IN SCIENTIFIC RESEARCH AND STEM EDUCATION.—The Director shall, through the research and education activities of the Foundation, encourage veterans to study and pursue careers in STEM and computer science, in coordination with other Federal agencies that serve veterans.

(b) VETERAN OUTREACH PLAN.—Not later than 180 days after the date of enactment of this Act, the Director shall submit to the Committee on Science, Space, and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate a plan for how the Foundation can enhance its outreach efforts to veterans. Such plan shall—

(1) report on the Foundation's existing outreach activities;

(2) identify the best method for the Foundation to leverage existing authorities and programs to facilitate and support veterans in STEM careers and studies, including teaching programs; and

(3) include options for how the Foundation could track veteran participation in research and education programs of the Foundation, and describe any barriers to collecting such information.

(c) NATIONAL SCIENCE BOARD INDICATORS REPORT.—The National Science Board shall provide in its annual report on indicators of the state of science and engineering in the United States any available and relevant data on veterans in science and engineering careers or education programs.

(d) ROBERT NOYCE TEACHER SCHOLARSHIP PROGRAM UPDATE.—Section 10 of the National Science Foundation Authorization Act of 2002 (42 U.S.C. 1862n-1) is amended—

(1) in subsection (a)(5)—

(A) in subparagraph (A), by striking "and" at the end;

(B) in subparagraph (B), by striking the period at the end and inserting "; and"; and

(C) by adding at the end the following:

"(C) higher education programs that serve or support veterans.";

(2) in subsection (b)(2)(F)—

(A) by striking "and students" and inserting "students"; and

(B) by inserting "and veterans" before the period at the end;

(3) in subsection (c)(2), by inserting "and veterans" before the period at the end; and

(4) in subsection (d)(2), by inserting "and veterans" before the period at the end.

(e) NATIONAL SCIENCE FOUNDATION TEACHING FELLOWSHIPS AND MASTER TEACHING FELLOWSHIPS UPDATE.—Section 10A(d) of the National Science Foundation Authorization Act of 2002 (42 U.S.C. 1862n-1a(d)) is amended—

(1) in paragraph (3)(F)—

(A) by striking "and individuals" and inserting "individuals"; and

(B) by inserting "and veterans" before the period at the end; and

(2) in paragraph (4)(B), by inserting "and veterans" before the period at the end.

(f) NATIONAL SCIENCE FOUNDATION COMPUTER AND NETWORK SECURITY CAPACITY BUILDING GRANTS UPDATE.—Section 5(a) of the Cyber Security Research and Development Act (15 U.S.C. 7404(a)) is amended—

(1) in paragraph (1), by inserting "and students who are veterans" after "these fields"; and

(2) in paragraph (3)—

(A) in subparagraph (I), by striking "and" at the end;

(B) by redesignating subparagraph (J) as subparagraph (K); and

(C) by inserting after subparagraph (I) the following:

"(J) creating opportunities for veterans to transition to careers in computer and network security; and"

(g) GRADUATE TRAINEESHIPS IN COMPUTER AND NETWORK SECURITY RESEARCH UPDATE.—Section 5(c)(6)(C) of the Cyber Security Research and Development Act (15 U.S.C. 7404(c)(6)(C)) is amended by inserting "or veterans" after "disciplines".

(h) VETERANS AND MILITARY FAMILIES STEM EDUCATION INTERAGENCY WORKING GROUP.—

(1) IN GENERAL.—The Director of the Office of Science and Technology Policy shall establish an interagency working group to coordinate Federal programs and policies for transitioning and training veterans and military spouses for STEM careers.

(2) DUTIES OF INTERAGENCY WORKING GROUP.—The interagency working group established under paragraph (1) shall—

(A) coordinate any Federal agency STEM outreach activities and programs for veterans and military spouses; and

(B) develop and facilitate the implementation by participating agencies of a strategic plan, which shall—

(i) specify and prioritize short- and long-term objectives;

(ii) specify the common metrics that will be used by Federal agencies to assess progress toward achieving such objectives;

(iii) identify barriers veterans face in reentering the workforce, including a lack of formal STEM education, career guidance, and the process of transferring military credits and skills to college credits;

(iv) identify barriers military spouses face in establishing careers in STEM fields;

(v) describe the approaches that each participating agency will take to address administratively the barriers described in clauses (iii) and (iv); and

(vi) identify any barriers that require Federal or State legislative or regulatory changes in order to be addressed.

(3) DUTIES OF OSTP.—The Director of the Office of Science and Technology Policy shall encourage and monitor the efforts of the Federal agencies participating in the interagency working group to ensure that the strategic plan required under paragraph (2)(B) is developed and executed effectively and that the objectives of such strategic plan are met.

(4) REPORT.—The Director of the Office of Science and Technology Policy shall—

(A) not later than 1 year after the date of enactment of this Act, submit to Congress the strategic plan required under paragraph (2)(B); and

(B) include in the annual report required by section 101(d) of the America COMPETES Reauthorization Act a description of any progress made in carrying out the activities described in paragraph (2)(B) of this subsection.

(5) SUNSET.—The interagency working group established under paragraph (1) shall terminate on the date that is 5 years after the date that it is established.

The SPEAKER pro tempore. Pursuant to the rule, the gentleman from Illinois (Mr. LIPINSKI) and the gentleman from Oklahoma (Mr. LUCAS) each will control 20 minutes.

The Chair recognizes the gentleman from Illinois.

GENERAL LEAVE

Mr. LIPINSKI. Mr. Speaker, I ask unanimous consent that all Members may have 5 legislative to revise and extend their remarks and include extraneous material on H.R. 425, the bill now under consideration.

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

There was no objection.

Mr. LIPINSKI. Mr. Speaker, I yield myself as much time as I may consume.

Mr. Speaker, I rise in support of H.R. 425, the Supporting Veterans in STEM Careers Act.

I want to thank Mr. DUNN and Mr. LAMB for introducing this important legislation.

Now, more than ever, U.S. global competitiveness depends on our ability to grow and sustain a STEM-capable workforce poised to meet the needs of the private sector. With an economy that is rapidly evolving and increasingly reliant on big data automation and advanced technologies, the workforce is struggling to keep up.

Although STEM careers offer good pay and job security, companies across all sectors report having difficulty recruiting workers with the skills that they need.

The good news is veterans and transitioning servicemembers represent a group of highly trained individuals with STEM knowledge base and skill sets employers need. The question is how to get more veterans to produce STEM degrees and join the STEM workforce.

H.R. 425 addresses this question by supporting research to identify and lower barriers for veterans transitioning from military to civilian

work environments. The bill directs the National Science Foundation to develop a comprehensive plan for outreach to veterans with the goal of increasing veteran participation in the agency STEM education and research programs.

It also requires NSF, in its biennial Science and Engineering Indicators report, to publish available data on veterans in STEM studies and careers.

Further, the bill adds veterans as a target demographic for outreach under several existing NSF programs, including the Robert Noyce Teacher Scholarship Program.

Finally, H.R. 425 creates an interagency committee on veterans in STEM and directs the creation of a strategic plan for transitioning and training veterans and military spouses into STEM careers.

Mr. Speaker, H.R. 425 will help us cement our global leadership by ensuring more veterans with the STEM skills we need are able to translate their talent into STEM careers. I strongly urge my colleagues to support this bill.

Mr. Speaker, I reserve the balance of my time.

Mr. LUCAS. Mr. Speaker, I yield myself as much time as I may consume.

Mr. Speaker, I want to thank Dr. NEAL DUNN and Congressman CONOR LAMB for their work to support our Nation's veterans.

H.R. 425 will help veterans put their training and experience in military service to new and important uses and help America stay competitive in research and innovation on a global scale.

In the last decade alone, jobs requiring some level of STEM expertise have grown by more than 30 percent, including jobs that do not require a bachelor's degree.

Nearly 7 million jobs are unfulfilled in the United States due to a shortage of skilled workers, many in STEM and related fields.

In my State of Oklahoma, our universities estimate we have 2,000 open engineering jobs. At the same time, veterans and transitioning servicemembers represent a valuable, skilled talent pool from which to meet this critical need.

H.R. 425 will improve outreach to veterans through the National Science Foundation's programs to support and train STEM workers. We can serve our veterans and help them translate their experience into meaningful STEM work.

Mr. Speaker, I urge my colleagues to support the bill, and I reserve the balance of my time.

Mr. LIPINSKI. Mr. Speaker, I yield 5 minutes to the gentleman from Pennsylvania (Mr. LAMB).

Mr. LAMB. Mr. Speaker, I rise to support veterans in STEM careers.

First, I would like to thank the gentleman from Florida, Dr. DUNN, for his leadership in helping connect veterans to these good jobs.

Veterans are working today. Most Americans are working today. The un-

employment rate is low. And yet everywhere I go, I meet businesspeople who tell me that they can't find the right workers for the right jobs at the right time. If we could fix this, we would stop being held back by the shortage of workforce that we face, and, most importantly, our families would not be held back by lower paychecks.

But these new jobs in cybersecurity, in medical technology, in advanced manufacturing, they are hard jobs and they require training.

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We need to make the training available to people where they live at a cost that they can actually afford. We have no time to waste.

Our businesses are competing on a global stage against countries that will use the full machinery of their governments to make sure their workforces are ready. We need to meet their efforts with an even greater one.

Luckily, we already have a workforce that will go anywhere and do anything. When it comes to hard work, these folks are fearless. That is the veteran population here in the United States.

Marine officers are trained that if we are given an order to move that mountain over there, no sooner is the order completed than we are leading 100 marines down the road with shovels.

I still have great faith in the ability of 100 marines with shovels, but what we really need today are hundreds of thousands of veterans who can 3D print those shovels, put them in the hands of robots, program them to go down the road, and defend the entire network from foreign intrusion.

These are the jobs of today and tomorrow. These are the jobs that will support our families. Most importantly, these are the jobs that will grow the new middle class.

We want to make sure veterans get these jobs. To do that, we are going to use this bill to turn to the National Science Foundation. The National Science Foundation was born in the aftermath of World War II to make sure that we led the world in science and math, and the most important advancements. We knew that if we did that, we could make our country safe, healthy, and strong.

If we are going to continue that mission in the new generation, we will need veterans to lead the way.

We do have a global competition on our hands, Mr. Speaker, and I know we can win it if we have the veterans with us. This bill will help them, and I urge all my colleagues to come together to pass it.

Mr. LUCAS. Mr. Speaker, I yield 3 minutes to the gentleman from Florida (Mr. DUNN), one of the great proponents of veterans and a great proponent of moving us forward in the scientific perspective in this Congress.

Mr. DUNN. Mr. Speaker, I thank my good friend from Oklahoma, Mr. LUCAS, for yielding to me.

H.R. 425, the Supporting Veterans in STEM Careers Act, is about helping expand veterans' job and education opportunities in the sciences. The bill directs the National Science Foundation to develop a veterans outreach plan and publish data on veterans' participation in mathematics, science, and technology in its annual "Science and Engineering Indicators" report.

The bill also updates the NSF Robert Noyce Teacher Scholarship Program, its fellowship programs, and the cyber grant programs to include outreach to veterans.

Additionally, the White House Office of Science and Technology Policy is tasked with overseeing an interagency working group to examine how to increase veteran participation in the STEM career fields, including addressing any barriers for both servicemembers and their spouses.

In the next 5 years, between 1 million and 1.5 million members of the Armed Forces will separate from the military, according to the Department of Defense. Many of these veterans will be seeking new careers, and by a great margin, veterans cite finding employment as their number-one need when separating from Active-Duty service.

According to the U.S. Bureau of Labor Statistics, occupations in STEM fields are projected to grow to more than 9 million jobs by 2022. Research shows that many military veterans already have skills and training that align with STEM careers, particularly in the area of information technology.

However, it also shows that veterans face many barriers as they reenter the workforce, including a lack of formal certified STEM education, career guidance, and the difficult task of transferring military credits to civilian college credits.

Our Nation's veterans deserve every opportunity to transition to a rewarding and successful civilian life. This bill will help all servicemembers continue to serve our Nation in new ways by fulfilling 21st century jobs and keeping America on the cutting edge of innovation.

Mr. Speaker, I thank Congressman LAMB, a fellow member of the Science, Space, and Technology Committee and a Marine Corps veteran, for cosponsoring this bipartisan legislation. And I salute my fellow veterans on the Science, Space, and Technology Committee who joined me in introducing this bill.

Last year, the House passed this legislation by an overwhelming margin, but we did not make it across the finish line in the Senate. This year, we have a bipartisan companion bill in the Senate, introduced by my home State Senator MARCO RUBIO and Senator AMY KLOBUCHAR.

Mr. Speaker, I believe that now is the time to get this done to help our Nation's veterans. I urge my colleagues to pass this bill and the Senate to act on it and send H.R. 425 to the President's desk.

Mr. LIPINSKI. Mr. Speaker, I have no more speakers, and I reserve the balance of my time.

Mr. LUCAS. Mr. Speaker, I have no additional speakers. I note that I think the gentleman from Florida, Dr. DUNN, very eloquently summed it up just moments ago. Veterans deserve every opportunity to transition back and to utilize those skills.

Mr. Speaker, I yield back the balance of my time.

Mr. LIPINSKI. Mr. Speaker, I yield myself the balance of my time.

Mr. Speaker, I thank Dr. DUNN for introducing this bill again, and we will work hard to see this through to the end.

I thank Mr. LAMB for his comments. It is certainly something that I have experienced, which is employers needing to find more workers. The men and women who are coming out of our armed services have those skills that are needed. We just need to give them a little more help to get them connected. This bill does that.

Mr. Speaker, I urge my colleagues to support this bill, and I yield back the balance of my time.

Ms. JOHNSON of Texas. Mr. Speaker, I rise in support of H.R. 425, the Supporting Veterans in STEM Careers Act. I commend Mr. DUNN and Mr. LAMB for their leadership in bringing this important legislation to the floor. As Chair of the Science, Space, and Technology Committee I am committed to supporting a strong STEM workforce. In light of increasing global competition, we must do more to ensure workers are equipped with the STEM skills and knowledge employers need.

Veterans are a highly trained and highly motivated group. They have the skills, the determination, and the know-how to thrive in high-paying, secure STEM careers. H.R. 425 directs the National Science Foundation and the Office of Science and Technology Policy to leverage existing data and programs to better support veterans in their transition to the STEM workforce. We need all hands on deck if we are to maintain our standing as the global leader in innovation. H.R. 425 is a good step in that direction. I urge my colleagues to join me in support of this bill.

The SPEAKER pro tempore. The question is on the motion offered by the gentleman from Illinois (Mr. LIPINSKI) that the House suspend the rules and pass the bill, H.R. 425.

The question was taken; and (two-thirds being in the affirmative) the rules were suspended and the bill was passed.

A motion to reconsider was laid on the table.

RECOGNIZING ACHIEVEMENT IN CLASSIFIED SCHOOL EMPLOYEES ACT

Mrs. LEE of Nevada. Mr. Speaker, I move to suspend the rules and pass the bill (H.R. 276) to direct the Secretary of Education to establish the Recognizing Inspiring School Employees (RISE) Award Program recognizing excellence exhibited by classified school employees providing services to students in prekindergarten through high school.

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

H.R. 276

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 "Recognizing Achievement in Classified School Employees Act".

SEC. 2. FINDINGS.

Congress finds the following:

(1) Classified school employees provide valuable service in the United States.

(2) Classified school employees provide essential services, such as transportation, facilities maintenance and operations, food service, safety, and health care.

(3) Classified school employees play a vital role in providing for the welfare and safety of students.

(4) Classified school employees strive for excellence in all areas of service to the education community.

(5) Exemplary classified school employees should be recognized for their outstanding contributions to quality education in the United States.

SEC. 3. DEFINITIONS.

In this Act:

(1) CLASSIFIED SCHOOL EMPLOYEE.—The term "classified school employee" means an employee of a State or of any political subdivision of a State, or an employee of a non-profit entity, who works in any grade from prekindergarten through high school in any of the following occupational specialties:

(A) Paraprofessional, including paraeducator services.

(B) Clerical and administrative services.

(C) Transportation services.

(D) Food and nutrition services.

(E) Custodial and maintenance services.

(F) Security services.

(G) Health and student services.

(H) Technical services.

(I) Skilled trades.

(2) OTHER DEFINITIONS.—The terms used in this Act have the meanings given the terms in section 8101 of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 7801).

SEC. 4. RECOGNITION PROGRAM ESTABLISHED.

(a) IN GENERAL.—The Secretary of Education shall establish a national recognition program to be known as the "Recognizing Inspiring School Employees Award Program" or the "award program". The purpose of the award program shall be to recognize and promote the commitment and excellence exhibited by classified school employees who provide exemplary service to students in prekindergarten through high school.

(b) AWARD.—

(1) IN GENERAL.—Prior to May 31 of each year (beginning with the second calendar year that begins after the date of the enactment of this Act), the Secretary shall select a classified school employee to receive the Recognizing Inspiring School Employees Award for the year.

(2) NON-MONETARY VALUE.—The award and recognition provided under this Act shall have no monetary value.

(c) SELECTION PROCESS.—

(1) NOMINATION PROCESS.—

(A) IN GENERAL.—Not later than November 1 of each year (beginning with the first calendar year that begins after the date of the enactment of this Act), the Secretary shall solicit nominations of classified school employees from the occupational specialties described in section 3(1) from the Governor of each State.

(B) NOMINATION SUBMISSIONS.—In order for individuals in a State to be eligible to receive recognition under this section, the