

**AMENDMENT TO RULES COMMITTEE PRINT**

**117-54**

**OFFERED BY MS. HOULAHAN OF PENNSYLVANIA**

At the end of subtitle C of title XV add the following:

1 **SEC. 1535. ESTABLISHMENT OF HACKING FOR NATIONAL**  
2 **SECURITY AND PUBLIC SERVICE INNOVA-**  
3 **TION PROGRAM.**

4 (a) SUPPORT AUTHORIZED.—

5 (1) IN GENERAL.—The Secretary of Defense  
6 shall establish a Hacking for National Security and  
7 Public Service Innovation Program (in this section  
8 referred to as the “H4NSPSI program”) within the  
9 National Security Innovation Network (in this sec-  
10 tion referred to as the “NSIN”).

11 (2) COORDINATING AUTHORITY.—The NSIN  
12 shall serve as the coordinating authority for the  
13 H4NSPSI program and activities under such pro-  
14 gram.

15 (3) ELEMENTS.—H4NSPSI program activities  
16 shall include the following:

1 (A) Source problems at scale for the agen-  
2 cies associated with the programs specified in  
3 subsection (e).

4 (B) Recruit universities located in the  
5 United States or in partner or allied nations to  
6 work on the problems described in subpara-  
7 graph (A).

8 (C) Train universities described in sub-  
9 paragraph (B) on the methodology of Hacking  
10 for Defense.

11 (D) Support the universities described in  
12 subparagraph (B) with content, curriculum, and  
13 other support to develop solutions to the prob-  
14 lems described in subparagraph (A).

15 (E) Support the United States Govern-  
16 ment adoption of solutions developed through  
17 the programs specified in subsection (e).

18 (F) Support the development and acquisi-  
19 tion of talent within the agencies associated  
20 with the programs specified in subsection (e).

21 (4) OBJECTIVES.—The H4NSPSI program  
22 may include the following objectives:

23 (A) Increase funding for successful innova-  
24 tion efforts that bridge the gap between innova-

1           tive organizations and the United States mili-  
2           tary.

3           (B) Increase funding for established driv-  
4           ers of national security innovation within the  
5           Department of Defense and other Federal agen-  
6           cies, including the programs specified in sub-  
7           section (e).

8           (C) Improve the ability of the Department  
9           of Defense to maintain technological advantage  
10          over competitors by leveraging private sector in-  
11          novation at scale.

12          (D) Through the use of existing authori-  
13          ties—

14                 (i) strengthen United States national  
15                 security innovation efforts and activities;  
16                 and

17                 (ii) create additional opportunities for  
18                 collaboration and shared experience be-  
19                 tween the Department of Defense, other  
20                 Federal agencies, the private sector, and  
21                 academia through the expansion of existing  
22                 programs, partnerships, and activities, in-  
23                 cluding those specified in subsection (e).

24          (E) Grow and sustain the innovation edge  
25          of the United States by building and strength-

1           ening the national security innovation base  
2           through collaboration between the private sec-  
3           tor, academia, the Department of Defense, the  
4           Armed Forces, and other Federal agencies.

5           (F) Invest in the future of national secu-  
6           rity innovation by inspiring a new generation to  
7           public service, supporting the diversity of the  
8           United States national security innovation  
9           workforce, and modernizing government deci-  
10          sion-making processes.

11          (G) Expand the United States science and  
12          technology workforce by investing in STEM  
13          education and exposing the national security  
14          workforce to cutting-edge, innovative problem  
15          validation and solution development practices.

16          (H) Develop best practices for the conduct  
17          of such activities and programs.

18          (I) Identify experimental learning opportu-  
19          nities for activity and program participants to  
20          interact with operational forces and better un-  
21          derstand national security challenges.

22          (J) Participate in exchanges and partner-  
23          ships with Department of Defense science and  
24          technology activities, as well as the science and  
25          technology activities of other Federal agencies.

1 (b) CONSULTATION.—In carrying out subsection (a),  
2 the Secretary of Defense may consult with the heads of  
3 such Federal agencies, universities, and public and private  
4 entities engaged in the development of advanced tech-  
5 nologies, as well as in the validation of problems and adop-  
6 tion of solutions in response to national security chal-  
7 lenges, as the Secretary of Defense determines to be ap-  
8 propriate.

9 (c) AUTHORITIES.—The Secretary of Defense may  
10 develop and maintain metrics to assess national security  
11 and public service innovation programs and activities to  
12 ensure standards for programs supported under sub-  
13 section (a) are consistent and being met.

14 (d) PARTICIPATION BY FEDERAL EMPLOYEES AND  
15 MEMBERS OF THE ARMED FORCES.—The Secretary of  
16 Defense shall encourage Federal employees and members  
17 of the Armed Forces through the service secretaries and  
18 service chiefs and their counterparts in agencies associated  
19 with the programs specified in subsection (e) to participate  
20 in the H4NSPSI program in order to gain exposure to  
21 modern innovation and entrepreneurial methodologies.

22 (e) COORDINATION.—In carrying out this section, the  
23 Secretary of Defense shall consider coordinating and  
24 partnering with activities and organizations involved in the  
25 following:

- 1 (1) Hacking for Defense.
- 2 (2) Hacking for Homeland Security.
- 3 (3) Hacking for Diplomacy.
- 4 (4) Hacking for Space.
- 5 (5) Hacking for Manufacturing.

