

**AMENDMENT TO H.R. 2225**  
**OFFERED BY MR. GONZALEZ OF OHIO**

Page 28, after line 15, insert the following new sub-section (e):

1           (e) CYBER WORKFORCE DEVELOPMENT RESEARCH  
2 AND DEVELOPMENT.—

3           (1) IN GENERAL.—The Director shall award  
4 grants on a merit-reviewed, competitive basis to in-  
5 stitutions of higher education or non-profit organiza-  
6 tions (of a consortia of thereof) to carry out research  
7 on the cyber workforce.

8           (2) RESEARCH.—In carrying out research pur-  
9 suant to paragraph (1), the Director shall support  
10 research and development activities to—

11           (A) Understand the current state of the  
12 cyber workforce, including factors that influence  
13 growth, retention, and development of that  
14 workforce;

15           (B) examine paths to entry and re-entry  
16 into the cyber workforce;

17           (C) understand trends of the cyber work-  
18 force, including demographic representation,  
19 educational and professional backgrounds

1 present, competencies available, and factors  
2 that shape employee recruitment, development,  
3 and retention and how to increase the size, di-  
4 versity, and capability of the cyber workforce;

5 (D) examine and evaluate training prac-  
6 tices, models, programs, and technologies; and

7 (F) other closely related topics as the Di-  
8 rector determines appropriate.

9 (3) REQUIREMENTS.—In carrying out the ac-  
10 tivities described in paragraph (1), the Director  
11 shall—

12 (A) collaborate with the National Institute  
13 for Standards and Technology, including the  
14 National Initiative for Cybersecurity Education,  
15 the Department of Homeland Security, the De-  
16 partment of Defense, the Office of Personnel  
17 Management, and other Federal departments  
18 and agencies, as appropriate;

19 (B) align with or build on the National  
20 Initiative on Cybersecurity Education Cyberse-  
21 curity Workforce Framework wherever prac-  
22 ticable and applicable;

23 (C) leverage the collective body of knowl-  
24 edge from existing cyber workforce development  
25 research and education activities; and

1                   (D) engage with other Federal depart-  
2                   ments and agencies, research communities, and  
3                   potential users of information produced under  
4                   this subsection.

