

**AMENDMENT TO RULES COMMITTEE PRINT 117-**

**31**

**OFFERED BY MS. SCANLON OF PENNSYLVANIA**

Page 287, after line 17, insert the following:

1           (4) COURSE-BASED UNDERGRADUATE RE-  
2           SEARCH EXPERIENCES.—

3           (A) IN GENERAL.—The Director shall  
4           carry out a 4-year pilot program under which  
5           the Director shall award grants, on a competi-  
6           tive basis, to institutions of higher education  
7           and non-profit organizations (or consortia of  
8           such institutions or organizations) to establish  
9           a total of not fewer than five Centers to develop  
10          and scale up successful models for providing  
11          undergraduate students with hands-on, dis-  
12          covery-based research courses.

13          (B) USE OF FUNDS.—Grants made under  
14          this paragraph shall be used to—

15                 (i) develop, assess, and disseminate  
16                 models for providing undergraduate stu-  
17                 dents with course-based research experi-  
18                 ences across STEM disciplines and edu-  
19                 cation levels;

1 (ii) identify and address opportunities  
2 and challenges in facilitating implementa-  
3 tion across a broad range of institution  
4 types, including minority-serving institu-  
5 tions and community colleges;

6 (iii) identify and develop best prac-  
7 tices to address barriers for faculty, includ-  
8 ing institutional culture, resources, and in-  
9 centive structures;

10 (iv) identify and address factors that  
11 may facilitate or discourage participation  
12 by students from all backgrounds;

13 (v) provide faculty with curriculum,  
14 professional development, training, net-  
15 working opportunities, and other support  
16 to enable the development, adaptation, or  
17 expansion of a discovery-based research  
18 course; and

19 (vi) collect data and carry out re-  
20 search to evaluate the impacts of course-  
21 based undergraduate research experiences  
22 on the STEM workforce.

23 (C) PARTNERSHIPS.—In making awards  
24 under this paragraph, the Director shall con-  
25 sider the extent to which the proposed Center

1 will establish partnerships among multiple types  
2 of academic institutions, including community  
3 colleges, emerging research institutions, histori-  
4 cally Black colleges and universities, Tribal Col-  
5 leges or Universities, and minority serving insti-  
6 tutions, the private sector, and other relevant  
7 stakeholders in supporting programs and activi-  
8 ties to facilitate faculty training and the wide-  
9 spread and sustained implementation of prom-  
10 ising, evidence-based practices, models, pro-  
11 grams, and curriculum.

12 (D) REPORT.—Not later than 180 days  
13 after the date on which the pilot program is  
14 completed, the Director shall submit to Con-  
15 gress a report that includes—

16 (i) an assessment, that includes feed-  
17 back from the research community, of the  
18 effectiveness of the pilot program in in-  
19 creasing the number, diversity, and work-  
20 force readiness of STEM graduates; and

21 (ii) if determined to be effective, a  
22 plan for permanent implementation of the  
23 pilot program.

