

**AMENDMENT TO THE AMENDMENT IN THE
NATURE OF A SUBSTITUTE TO H.R. 5351
OFFERED BY MS. SALINAS OF OREGON**

Add at the end the following:

1 **SEC. 5. COMMUNITY COLLEGE AND AREA CAREER AND**
2 **TECHNICAL EDUCATIONAL SCHOOL CENTERS**
3 **OF ARTIFICIAL INTELLIGENCE EXCELLENCE.**

4 (a) IN GENERAL.—Subparagraph (B) of section
5 5401 of the National Artificial Intelligence Initiative Act
6 of 2020 (15 U.S.C. 9451(e)(3)); enacted as part of title
7 LIV of division E of the William M. (Mac) Thornberry
8 National Defense Authorization Act for Fiscal Year 2021
9 (Public Law 116–283)) is amended to read as follows:

10 “(B) CENTERS OF AI EXCELLENCE.—

11 “(i) DEFINITIONS.—In this subpara-
12 graph:

13 “(I) AREA CAREER AND TECH-
14 NICAL EDUCATION SCHOOL.—The
15 term ‘area career and technical edu-
16 cation school’ has the meaning given
17 such term in section 3 of the Carl D.
18 Perkins Career and Technical Edu-
19 cation Act of 2006 (20 U.S.C. 2302).

1 “(II) ELIGIBLE APPLICANT.—

2 The term ‘eligible applicant’ means a
3 community college, or area career and
4 technical education school, in partner-
5 ship with one or more of the fol-
6 lowing:

7 “(aa) A Federal, State,
8 local, Tribal, or territorial gov-
9 ernment entity.

10 “(bb) An institution of high-
11 er education.

12 “(cc) An entity in private in-
13 dustry.

14 “(dd) An economic develop-
15 ment organization or venture de-
16 velopment organization.

17 “(ee) A nonprofit organiza-
18 tion.

19 “(III) VENTURE DEVELOPMENT
20 ORGANIZATION.—The term ‘venture
21 development organization’ has the
22 meaning given such term in section
23 27(a) of the Stevenson-Wydler Tech-
24 nology Innovation Act of (15 U.S.C.
25 3722(a)).

1 “(ii) ESTABLISHMENT OF CENTERS
2 OF AI EXCELLENCE.—The Director of the
3 National Science Foundation, in coordina-
4 tion with the Regional Technology Hubs
5 program of the Department of Commerce,
6 may establish up to eight regionally and
7 geographically diverse eligible applicants to
8 be designated as Community College and
9 Area Career and Technical Education Cen-
10 ters of AI Excellence (referred to in this
11 subparagraph as ‘Centers of AI Excel-
12 lence’). If so established, such Centers of
13 AI Excellence shall enhance educational
14 outcomes and drive workforce development
15 by integrating artificial intelligence into
16 teaching, learning, and community engage-
17 ment.

18 “(iii) APPLICATION.—An eligible ap-
19 plicant seeking to be designated as a Cen-
20 ter of AI Excellence under this subpara-
21 graph shall submit to the Director of the
22 National Science Foundation an applica-
23 tion at such time, in such manner, and
24 containing such information as the Direc-

1 tor may require. Such application shall in-
2 clude the following:

3 “(I) A description of the focus
4 area or areas for such proposed Cen-
5 ter of AI Excellence and how such
6 area or areas are aligned with re-
7 gional investments made by industry
8 and the Federal Government.

9 “(II) A description of the capac-
10 ity of the applicant to carry out the
11 purpose of such proposed Center of
12 AI Excellence.

13 “(III) A description of dem-
14 onstrate current and anticipated fu-
15 ture workforce demands in occupa-
16 tions directly related to such proposed
17 Center of AI Excellence.

18 “(IV) A description of how the
19 eligible applicant will support the col-
20 lection of information and data for
21 purposes of evaluation of such pro-
22 posed Center of AI Excellence.

23 “(V) An evaluation plan that in-
24 cludes the use of outcome-oriented
25 measures to assess the impact and ef-

1 efficacy of such proposed Center for AI
2 Excellence.

3 “(iv) ACTIVITIES.—A designated Cen-
4 ter of AI Excellence shall develop and dis-
5 seminate information regarding best prac-
6 tices for matters such as the following:

7 “(I) Artificial intelligence re-
8 search and education, and research on
9 the effects of artificial intelligence in
10 education, at community colleges and
11 area career and technical education
12 schools.

13 “(II) Methods to scale up suc-
14 cessful programs that perform re-
15 search or provide education on artifi-
16 cial intelligence at community colleges
17 and area career and technical edu-
18 cation schools.

19 “(III) Providing educators and
20 teachers with actionable strategies
21 and resources to effectively integrate
22 artificial intelligence into curriculums
23 in the classroom.

24 “(IV) Providing experiential
25 learning opportunities, including re-

1 search and industry experiences on ar-
2 tificial intelligence and learning oppor-
3 tunities for students that are enabled
4 through artificial intelligence.

5 “(V) Identifying pathways for
6 students to jobs that are enabled by
7 artificial intelligence, such as pre-
8 viously nonexistent jobs with respect
9 to which artificial intelligence use is
10 an integral part, jobs working directly
11 on artificial intelligence, and pre-
12 viously existing jobs with respect to
13 which needed skills have been signifi-
14 cantly changed due to working with
15 artificial intelligence.

16 “(VI) Facilitating partnerships
17 with employers, employer consortia, or
18 other private sector organizations that
19 offer apprenticeships, internships, co-
20 operative education, or applied learn-
21 ing experiences in the field of artificial
22 intelligence.

23 “(v) PARTNERSHIPS.—The Director
24 of the National Science Foundation shall
25 encourage applicants to consider including

1 or partnering with a nonprofit organiza-
2 tion, civil society organizations, industry,
3 or an institution of higher education (or a
4 consortium thereof) that has extensive ex-
5 perience and expertise in artificial intel-
6 ligence.

7 “(vi) EVALUATIONS.—All applications
8 for designation under clause (ii) shall in-
9 clude an evaluation plan that includes the
10 use of outcome-oriented measures to assess
11 the impact and efficacy of the proposed
12 Center for AI Excellence.

13 “(vii) ACCOUNTABILITY AND DISSEMI-
14 NATION.—

15 “(I) EVALUATION REQUIRED.—
16 The Director of the National Science
17 Foundation shall evaluate the activi-
18 ties under clause (iv). Such evalua-
19 tion, to the extent practicable, shall
20 integrate the findings of research re-
21 sulting from such activity or activities
22 as a result of a designation under
23 clause (ii) with the findings of other
24 research on artificial intelligence edu-
25 cation.

1 “(II) REPORT ON EVALUA-
2 TIONS.—Not later than 180 days
3 after the completion of the evaluation
4 under subclause (I), the Director of
5 the National Science Foundation shall
6 submit to Congress and make widely
7 available to the public a report that
8 includes the following:

9 “(aa) The results of such
10 evaluation.

11 “(bb) Any recommendations
12 for administrative and legislative
13 action that could optimize the ef-
14 fectiveness of the designations
15 made under clause (ii).”.

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