

119TH CONGRESS
1ST SESSION

S. 800

To modify the Precision Medicine for Veterans Initiative of the Department
of Veterans Affairs.

IN THE SENATE OF THE UNITED STATES

FEBRUARY 27, 2025

Mr. MORAN (for himself and Mr. KING) introduced the following bill; which
was read twice and referred to the Committee on Veterans' Affairs

A BILL

To modify the Precision Medicine for Veterans Initiative
of the Department of Veterans Affairs.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Precision Brain Health
5 Research Act of 2025”.

6 **SEC. 2. MODIFICATION OF PRECISION MEDICINE FOR VET-**
7 **ERANS INITIATIVE.**

8 Section 305 of the Commander John Scott Hannon
9 Veterans Mental Health Care Improvement Act of 2019

1 (38 U.S.C. 1712A note; Public Law 116–171) is amend-
2 ed—

3 (1) in subsection (a), by striking “and such
4 other mental health conditions” and inserting “re-
5 petitive low-level blast exposure, dementia, and such
6 other brain and mental health conditions”;

7 (2) in subsection (d)(4), by adding at the end
8 the following new subparagraph:

9 “(E) DATA-SHARING PARTNERSHIP.—

10 “(i) IN GENERAL.—The Secretary
11 shall work with the Secretary of Defense to
12 establish a data-sharing partnership be-
13 tween the Department of Veterans Affairs
14 and the Department of Defense.

15 “(ii) STORAGE.—The partnership es-
16 tablished under clause (i) shall be stored in
17 the open platform made available under
18 this paragraph.

19 “(iii) DATA.—The data supplied by
20 the Secretary of Defense shall include all
21 relevant data, Department-wide, collected
22 through—

23 “(I) the United States Armed
24 Forces;

1 “(II) the United States Special
2 Operations Command; and

3 “(III) the Long-Term Impact of
4 Military-Relevant Brain Injury Con-
5 sortium Chronic Effects of
6 Neurotrauma Consortium maintained
7 by the Defense Health Agency.”; and

8 (3) by adding at the end the following new sub-
9 sections:

10 “(f) REPETITIVE LOW-LEVEL BLAST EXPOSURE RE-
11 SEARCH.—In carrying out the initiative under subsection
12 (a), the Secretary of Veterans Affairs shall conduct the
13 following research:

14 “(1) A big-data assessment of the clinical and
15 non-clinical interventions that are illustrating posi-
16 tive outcomes for patients within the health system
17 of the Veterans Health Administration with likely
18 low-level repetitive blast injuries, including a cat-
19 egorization of military occupational specialties, and
20 units, known to experience higher levels of low-level
21 repetitive blast injuries.

22 “(2) Not fewer than two large-scale implemen-
23 tation studies of research-proven interventions with-
24 in such health system for patients with likely low-
25 level repetitive blast injuries, including a categoriza-

1 tion of military occupational specialties, and units,
2 known to experience higher levels of low-level repet-
3 itive blast injuries.

4 “(3) A translational research study on the use
5 of growth hormone replacement therapy on the im-
6 provement of cognitive function, quality of life, brain
7 structure, and other negative symptoms on patients
8 within such health system with likely low-level repet-
9 itive blast injuries.

10 “(4) Not fewer than four large-scale quality im-
11 provement studies on improving the diagnosis and
12 care of veteran patients with likely low-level repet-
13 itive blast injuries.

14 “(g) ASSISTANCE AND REPORT BY NATIONAL ACAD-
15 EMIES OF SCIENCES, ENGINEERING, AND MEDICINE.—
16 Not later than 60 days after the date of the enactment
17 of the Precision Brain Health Research Act of 2025, the
18 Secretary of Veterans Affairs shall seek to enter into a
19 contract with the National Academies of Sciences, Engi-
20 neering, and Medicine under which the National Acad-
21 emies shall—

22 “(1) work in tandem with the initiative under
23 subsection (a) on validation of brain and mental
24 health biomarkers among veterans; and

1 “(2) not less frequently than once every two
2 years, submit to the Committee on Veterans’ Affairs
3 of the Senate and the Committee on Veterans’ Af-
4 fairs of the House of Representatives a report on the
5 work completed under paragraph (1).

6 “(h) ASSESSMENT.—

7 “(1) IN GENERAL.—The Secretary of Veterans
8 Affairs shall conduct an assessment of all
9 translational research studies in progress and
10 planned under the initiative under subsection (a), in-
11 cluding research under subsection (f).

12 “(2) REPORT.—Not later than 60 days after
13 completion of the assessment conducted under para-
14 graph (1), the Secretary shall submit to the Com-
15 mittee on Veterans’ Affairs of the Senate and the
16 Committee on Veterans’ Affairs of the House of
17 Representatives a report on the assessment.

18 “(i) REPORTS.—

19 “(1) IN GENERAL.—Not less frequently than
20 once every two years, the Secretary of Veterans Af-
21 fairs shall submit to the Committee on Veterans’ Af-
22 fairs of the Senate and the Committee on Veterans’
23 Affairs of the House of Representatives a report on
24 the initiative under subsection (a).

1 “(2) RECOMMENDATIONS.—Each report re-
2 quired by paragraph (1) shall include recommenda-
3 tions for immediate administrative and legislative ac-
4 tion to improve the initiative under subsection (a).

5 “(j) AUTHORIZATION OF APPROPRIATIONS.—There
6 is authorized to be appropriated to the Secretary of Vet-
7 erans Affairs \$5,000,000 to carry out the initiative under
8 subsection (a) for each of fiscal years 2025 through
9 2034.”.

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