

107TH CONGRESS  
2D SESSION

# H. R. 3683

To authorize the National Institute of Standards and Technology to assist in the development of reliable and valid tests for banned performance-enhancing substances and to establish a research program on the long-term consequences of the use of such performance-enhancing substances.

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## IN THE HOUSE OF REPRESENTATIVES

FEBRUARY 5, 2002

Mr. MATHESON introduced the following bill; which was referred to the Committee on Science, and in addition to the Committee on Energy and Commerce, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

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## A BILL

To authorize the National Institute of Standards and Technology to assist in the development of reliable and valid tests for banned performance-enhancing substances and to establish a research program on the long-term consequences of the use of such performance-enhancing substances.

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 “Fair Play in Sport  
5       Act of 2002”.

1 **SEC. 2. FINDINGS.**

2 The Congress finds that—

3 (1) the National Commission on Sports and  
4 Substance Abuse, sponsored by the National Center  
5 on Addiction and Substance Abuse at Columbia Uni-  
6 versity, found that most parties involved in Olympic  
7 sports agree that doping (the use of banned per-  
8 formance-enhancing substances) is a serious problem  
9 for the Olympics and must be eliminated to preserve  
10 the integrity of the competition;

11 (2) the use of performance-enhancing sub-  
12 stances in sports threatens the health of our ath-  
13 letes, the integrity and meaning of sport, and the  
14 health and ethical values of our children;

15 (3) there is currently no set of long-term com-  
16 prehensive studies on the effects of performance-en-  
17 hancing substances;

18 (4) according to the Commission referred to in  
19 paragraph (1), some problems which must be solved  
20 to enable a fair and effective drug testing program  
21 include developing highly accurate tests for perform-  
22 ance-enhancing substances in the body and estab-  
23 lishing and accrediting testing laboratories around  
24 the world;

25 (5) the United States Government has recog-  
26 nized the United States Anti-Doping Agency as the

1 official anti-doping agency for Olympic, Pan Amer-  
2 ican, and Paralympic sport in the United States,  
3 and provides significant financial support to such  
4 Agency; and

5 (6) the National Institute of Standards and  
6 Technology is the Federal Government's premier  
7 laboratory for the development of standards and  
8 testing methodology as well as for developing rig-  
9 orous testing laboratory accreditation procedures.

10 **SEC. 3. RESEARCH FOR TESTING OF PERFORMANCE-EN-**  
11 **HANCING SUBSTANCES.**

12 The National Institute of Standards and Technology,  
13 in consultation and cooperation with the United States  
14 Anti-Doping Agency, shall establish a research program  
15 to develop and improve the reliability, validity, and cost-  
16 effectiveness of testing for performance-enhancing sub-  
17 stances the use of which is prohibited in the Olympic  
18 Games. Such research program shall—

19 (1) pay particular attention to the development  
20 and improvement of tests for the use of steroids,  
21 human growth hormone, and insulin-like growth fac-  
22 tor;

23 (2) establish methods of ensuring that the abil-  
24 ity to test for the use of newly banned performance-  
25 enhancing substances is maintained; and

1           (3) develop standard reference materials to en-  
2           sure the accuracy of measurements.

3   Development of the agenda for the research program es-  
4   tablished under this section should be on the basis of the  
5   best available technology, regardless of the type of sample  
6   specimen used. All research projects should be evaluated  
7   on a peer-reviewed basis.

8   **SEC. 4. ACCREDITATION PROCEDURES FOR TESTING LAB-**  
9                           **ORATORIES.**

10       The National Institute of Standards and Technology  
11   shall provide review and assessment assistance to the  
12   United States Anti-Doping Agency with respect to the lab-  
13   oratory accreditation process and testing procedures delin-  
14   eated in the International Olympic Committee's Olympic  
15   Movement Anti-Doping Code. Such assistance shall  
16   include—

- 17           (1) procedures for accreditation of laboratories;  
18           (2) sampling procedures in doping controls; and  
19           (3) laboratory analysis procedures.

20   The National Institute of Standards and Technology shall  
21   limit its assistance under this section to areas where it  
22   has demonstrated technical competence.

1 **SEC. 5. RESEARCH ON LONG-TERM CONSEQUENCES OF USE**  
2 **OF PERFORMANCE-ENHANCING SUB-**  
3 **STANCES.**

4 The National Institute of Standards and Technology,  
5 in consultation and cooperation with the United States  
6 Anti-Doping Agency, shall establish a research program  
7 to determine the long-term consequences of use of per-  
8 formance-enhancing substances. Development of the re-  
9 search agenda should place the highest priority on the  
10 most potentially harmful and the most widely used per-  
11 formance-enhancing substances. Priorities for research  
12 shall include—

13 (1) the health effects of consumption of per-  
14 formance-enhancing substances; and

15 (2) the efficacy and long-term effects of the use  
16 of steroids, including precursor substances.

17 Population studies under this section should not be limited  
18 to elite athletes but should include adolescent athletes as  
19 well.

20 **SEC. 6. AUTHORIZATION OF APPROPRIATIONS.**

21 There are authorized to be appropriated to the Na-  
22 tional Institute of Standards and Technology—

23 (1) for carrying out sections 3 and 4,  
24 \$5,000,000 for each of the fiscal years 2003 through  
25 2007; and

- 1           (2) for carrying out section 5, \$2,000,000 for  
2       each of the fiscal years 2003 through 2007.

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