110TH CONGRESS 1ST SESSION

H. R. 1867

To authorize appropriations for fiscal years 2008, 2009, and 2010 for the National Science Foundation, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

April 17, 2007

Mr. Baird (for himself, Mr. Ehlers, Mr. Gordon of Tennessee, Ms. Hooley, Mr. Bilbray, Mr. McNerney, and Mr. Hill) introduced the following bill; which was referred to the Committee on Science and Technology

A BILL

To authorize appropriations for fiscal years 2008, 2009, and 2010 for the National Science Foundation, and for other purposes.

- 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 "National Science
- 5 Foundation Authorization Act of 2007".
- 6 SEC. 2. DEFINITIONS.
- 7 In this Act:
- 8 (1) Board.—The term "Board" means the Na-
- 9 tional Science Board established under section 2 of

1	the National Science Foundation Act of 1950 (42
2	U.S.C. 1861).
3	(2) DIRECTOR.—The term "Director" means
4	the Director of the Foundation.
5	(3) Elementary school.—The term "element
6	tary school" has the meaning given that term by
7	section 9101(18) of the Elementary and Secondary
8	Education Act of 1965 (20 U.S.C. 7801(18)).
9	(4) FOUNDATION.—The term "Foundation"
10	means the National Science Foundation.
11	(5) Institution of higher education.—The
12	term "institution of higher education" has the
13	meaning given such term in section 101(a) of the
14	Higher Education Act of 1965 (20 U.S.C. 1001(a))
15	(6) SECONDARY SCHOOL.—The term "sec-
16	ondary school" has the meaning given that term by
17	section 9101(38) of the Elementary and Secondary
18	Education Act of 1965 (20 U.S.C. 7801(38)).
19	SEC. 3. AUTHORIZATION OF APPROPRIATIONS.
20	(a) FISCAL YEAR 2008.—
21	(1) In general.—There are authorized to be
22	appropriated to the Foundation \$6,500,000,000 for
23	fiscal year 2008.
24	(2) Specific allocations.—Of the amount
25	authorized under paragraph (1)—

1	(A) \$5,080,000,000 shall be made avail-
2	able for research and related activities, of which
3	\$115,000,000 shall be made available for the
4	Major Research Instrumentation program;
5	(B) \$873,000,000 shall be made available
6	for education and human resources, of which—
7	(i) \$94,000,000 shall be for Mathe-
8	matics and Science Education Partner-
9	ships established under section 9 of the
10	National Science Foundation Authorization
11	Act of 2002 (42 U.S.C. 1862n);
12	(ii) \$70,000,000 shall be for the Rob-
13	ert Noyce Scholarship Program established
14	under section 10 of the National Science
15	Foundation Authorization Act of 2002 (42
16	U.S.C. 1862n-1);
17	(iii) \$44,000,000 shall be for the
18	Science, Mathematics, Engineering, and
19	Technology Talent Expansion Program es-
20	tablished under section 8(7) of the Na-
21	tional Science Foundation Authorization
22	Act of 2002 (Public Law 107–368); and
23	(iv) \$51,620,000 shall be for the Ad-
24	vanced Technological Education program
25	established by section 3(a) of the Scientific

1	and Advanced-Technology Act of 1992
2	(Public Law 102–476);
3	(C) \$245,000,000 shall be made available
4	for major research equipment and facilities con-
5	struction;
6	(D) \$285,600,000 shall be made available
7	for agency operations and award management;
8	(E) \$4,050,000 shall be made available for
9	the Office of the National Science Board; and
10	(F) \$12,350,000 shall be made available
11	for the Office of Inspector General.
12	(b) FISCAL YEAR 2009.—
13	(1) In general.—There are authorized to be
14	appropriated to the Foundation \$6,980,000,000 for
15	fiscal year 2009.
16	(2) Specific allocations.—Of the amount
17	authorized under paragraph (1)—
18	(A) \$5,457,400,000 shall be made avail-
19	able for research and related activities, of which
20	\$123,100,000 shall be made available for the
21	Major Research Instrumentation program;
22	(B) \$934,000,000 shall be made available
23	for education and human resources, of which—
24	(i) \$100,600,000 shall be for Mathe-
25	matics and Science Education Partner-

1	ships established under section 9 of the
2	National Science Foundation Authorization
3	Act of 2002 (42 U.S.C. 1862n);
4	(ii) \$101,000,000 shall be for the
5	Robert Noyce Scholarship Program estab-
6	lished under section 10 of the National
7	Science Foundation Authorization Act of
8	2002 (42 U.S.C. 1862n-1);
9	(iii) \$55,000,000 shall be for the
10	Science, Mathematics, Engineering, and
11	Technology Talent Expansion Program es-
12	tablished under section 8(7) of the Na-
13	tional Science Foundation Authorization
14	Act of 2002 (Public Law 107–368); and
15	(iv) \$55,200,000 shall be for the Ad-
16	vanced Technological Education program
17	as established by section 3(a) of the Sci-
18	entific and Advanced-Technology Act of
19	1992 (Public Law 102–476);
20	(C) \$262,000,000 shall be made available
21	for major research equipment and facilities con-
22	struction;
23	(D) \$309,760,000 shall be made available
24	for agency operations and award management:

1	(E) \$4,120,000 shall be made available for
2	the Office of the National Science Board; and
3	(F) \$12,720,000 shall be made available
4	for the Office of Inspector General.
5	(c) FISCAL YEAR 2010.—
6	(1) In general.—There are authorized to be
7	appropriated to the Foundation \$7,493,000,000 for
8	fiscal year 2010.
9	(2) Specific allocations.—Of the amount
10	authorized under paragraph (1)—
11	(A) \$5,863,200,000 shall be made avail-
12	able for research and related activities, of which
13	\$131,700,000 shall be made available for the
14	Major Research Instrumentation program;
15	(B) \$1,003,000,000 shall be made avail-
16	able for education and human resources, of
17	which—
18	(i) \$107,600,000 shall be for Mathe-
19	matics and Science Education Partner-
20	ships established under section 9 of the
21	National Science Foundation Authorization
22	Act of 2002 (42 U.S.C. 1862n);
23	(ii) \$133,000,000 shall be for the
24	Robert Noyce Scholarship Program estab-
25	lished under section 10 of the National

1	Science Foundation Authorization Act of
2	2002 (42 U.S.C. 1862n-1);
3	(iii) \$60,000,000 shall be for the
4	Science, Mathematics, Engineering, and
5	Technology Talent Expansion Program es-
6	tablished under section 8(7) of the Na-
7	tional Science Foundation Authorization
8	Act of 2002 (Public Law 107–368); and
9	(iv) \$59,100,000 shall be for the Ad-
10	vanced Technological Education program
11	as established by section 3(a) of the Sci-
12	entific and Advanced-Technology Act of
13	1992 (Public Law 102–476);
14	(C) \$280,000,000 shall be made available
15	for major research equipment and facilities con-
16	struction;
17	(D) \$329,450,000 shall be made available
18	for agency operations and award management;
19	(E) \$4,250,000 shall be made available for
20	the Office of the National Science Board; and
21	(F) \$13,100,000 shall be made available
22	for the Office of Inspector General.
23	(d) Major Research Instrumentation.—
24	(1) AWARD AMOUNT.—The minimum amount
25	of an award under the Major Research Instrumenta-

1	tion program shall be \$100,000. The maximum
2	amount of an award under the program shall be
3	\$6,000,000, except—
4	(A) if the total amount appropriated for
5	the program for a fiscal year exceeds
6	\$125,000,000, in which case the maximum
7	amount of an award shall be \$8,000,000; or
8	(B) if the total amount appropriated for
9	the program for a fiscal year exceeds
10	\$200,000,000, in which case the maximum
11	amount of an award shall be \$12,000,000.
12	(2) Use of funds.—In addition to the acquisi-
13	tion of instrumentation and equipment, funds made
14	available by awards under the Major Research In-
15	strumentation program may be used to support the
16	operations and maintenance of such instrumentation
17	and equipment.
18	(3) Cost sharing.—
19	(A) IN GENERAL.—An institution of higher
20	education receiving an award shall provide at
21	least 30 percent of the cost from private or
22	non-Federal sources.
23	(B) Exceptions.—Institutions of higher
24	education that are not Ph.Dgranting institu-
25	tions are exempt from the cost sharing require-

1 ment in subparagraph (A), and the Director may reduce or waive the cost sharing require-2 3 ment for institutions— (i) which are not ranked among the top 100 institutions receiving Federal re-6 search and development funding, as docu-7 mented by the statistical data published by 8 the Foundation; and 9 (ii) for which the proposed project will 10 make a substantial improvement in the in-11 stitution's capabilities to conduct leading

- make a substantial improvement in the institution's capabilities to conduct leading edge research, to provide research experiences for undergraduate students using leading edge facilities, and to broaden the participation in science and engineering research by individuals identified in section 33 or 34 of the Science and Engineering Equal Opportunities Act (42 U.S.C. 1885a or 1885b).
- 20 (e) Undergraduate Education Programs.—The 21 Director shall continue to carry out programs in support 22 of undergraduate education, including those authorized in 23 section 17 of the National Science Foundation Authoriza-24 tion Act of 2002 (42 U.S.C. 1862n-6). Funding for these 25 programs shall increase in proportion to the increase in

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- 1 the total amount appropriated to the Foundation in any
- 2 year for which appropriations are authorized by this Act.
- 3 (f) Limit on Proposals.—

- (1) Policy.—For programs that require as part of the selection process for awards the submission of preproposals and that also limit the number of preproposals that may be submitted by an institution, the Director shall allow the subsequent submission of a full proposal based on each preproposal that is determined to have merit following the Foundation's merit review process.
 - (2) Review and assessment of policies.—
 The Board shall review and assess the effects on institutions of higher education of the policies of the Foundation regarding the imposition of limitations on the number of proposals that may be submitted by a single institution for programs supported by the Foundation. The Board shall determine whether current policies are well justified and appropriate for the types of programs that limit the number of proposal submissions. Not later that 1 year after the date of enactment of this Act, the Board shall summarize its findings and any recommendations regarding changes to the current policy on the restriction of proposal submissions in a report to the Com-

- 1 mittee on Science and Technology of the House of
- 2 Representatives and to the Committee on Commerce,
- 3 Science, and Transportation and the Committee on
- 4 Health, Education, Labor, and Pensions of the Sen-
- 5 ate.

6 SEC. 4. CENTERS FOR RESEARCH ON LEARNING AND EDU-

7 CATION IMPROVEMENT.

- 8 The Director shall continue to carry out the program
- 9 of Centers for Research on Learning and Education Im-
- 10 provement as established in section 11 of the National
- 11 Science Foundation Authorization Act of 2002 (42 U.S.C.
- 12 1862n-2).

13 SEC. 5. INTERDISCIPLINARY RESEARCH.

- (a) In General.—The Board shall evaluate the role
- 15 of the Foundation in supporting interdisciplinary research,
- 16 including through the Major Research Instrumentation
- 17 program, the effectiveness of the Foundation's efforts in
- 18 providing information to the scientific community about
- 19 opportunities for funding of interdisciplinary research pro-
- 20 posals, and the process through which interdisciplinary
- 21 proposals are selected for support. The Board shall also
- 22 evaluate the effectiveness of the Foundation's efforts to
- 23 engage undergraduate students in research experiences in
- 24 interdisciplinary settings, including through the Research

- 1 in Undergraduate Institutions program and the Research
- 2 Experiences for Undergraduates program.
- 3 (b) Report.—Not later than 1 year after the date
- 4 of enactment of this Act, the Board shall provide the re-
- 5 sults of its evaluation under subsection (a), including a
- 6 recommendation for the proportion of the Foundation's re-
- 7 search and related activities that should be allocated for
- 8 interdisciplinary research, to the Committee on Science
- 9 and Technology of the House of Representatives and the
- 10 Committee on Commerce, Science, and Transportation
- 11 and the Committee on Health, Education, Labor, and
- 12 Pensions of the Senate.
- 13 SEC. 6. PILOT PROGRAM OF GRANTS FOR NEW INVESTIGA-
- 14 TORS.
- 15 (a) In General.—The Director shall carry out a
- 16 pilot program to award one-year grants to individuals to
- 17 assist them in improving research proposals that were pre-
- 18 viously submitted to the Foundation but not selected for
- 19 funding.
- 20 (b) Use of Funds.—Grants awarded under this sec-
- 21 tion shall be used to support the generation of new data
- 22 and the performance of additional analysis to enable an
- 23 individual to resubmit an updated research proposal for
- 24 review by the Foundation through the agency's competi-
- 25 tive merit review process.

- 1 (c) Eligibility.—To be eligible to receive a grant
- 2 under this section, an individual shall—
- 3 (1) not have previously received funding as the
- 4 principal investigator of a research grant from the
- 5 Foundation; and
- 6 (2) have submitted a proposal to the Founda-
- 7 tion, which may include a proposal submitted to the
- 8 Research in Undergraduate Institutions program,
- 9 that was rated very good or excellent under the
- Foundation's competitive merit review process.
- 11 (d) Selection Process.—The Director shall make
- 12 awards under this section based on the advice of the pro-
- 13 gram officers of the Foundation.
- 14 (e) Program Administration.—The Director may
- 15 carry out this section through the Small Grants for Ex-
- 16 ploratory Research program.
- 17 (f) NATIONAL SCIENCE BOARD REVIEW.—The
- 18 Board shall conduct a review and assessment of the pilot
- 19 program under this section, including the number of new
- 20 investigators funded, the distribution of awards by type
- 21 of institution of higher education, and the success rate
- 22 upon resubmittal of proposals by new investigators funded
- 23 through this pilot program. Not later than 3 years after
- 24 the date of enactment of this Act, the Board shall summa-
- 25 rize its findings and any recommendations regarding

- 1 changes to or the continuation of the pilot program in a
- 2 report to the Committee on Science and Technology of the
- 3 House of Representatives and the Committee on Com-
- 4 merce, Science, and Transportation and the Committee on
- 5 Health, Education, Labor, and Pensions of the Senate.

6 SEC. 7. BROADER IMPACTS MERIT REVIEW CRITERION.

- 7 (a) In General.—In evaluating research proposals
- 8 under the Foundation's broader impacts criterion, the Di-
- 9 rector shall give special consideration to proposals that in-
- 10 volve partnerships between academic researchers and in-
- 11 dustrial scientists and engineers that address research
- 12 areas that have been identified as having high importance
- 13 for future national economic competitiveness, such as
- 14 nanotechnology.
- 15 (b) Partnerships With Industry.—The Director
- 16 shall encourage research proposals from institutions of
- 17 higher education that involve partnerships with businesses
- 18 and organizations representing businesses in fields that
- 19 have been identified as having high importance for future
- 20 national economic competitiveness and that include input
- 21 on the research agenda from and cost-sharing by the in-
- 22 dustry partners.
- 23 (c) Report on Broader Impacts Criterion.—
- 24 Not later than 1 year after the date of enactment of this
- 25 Act, the Director shall transmit to Congress a report on

- 1 the impact of the broader impacts grant criterion used by
- 2 the Foundation. The report shall—

- (1) identify the criteria that each division and
 directorate of the Foundation uses to evaluate the
 broader impacts aspects of research proposals;
 - (2) provide a breakdown of the types of activities by division that awardees have proposed to carry out to meet the broader impacts criterion;
 - (3) provide any evaluations performed by the Foundation to assess the degree to which the broader impacts aspects of research proposals were carried out and how effective they have been at meeting the goals described in the research proposals;
 - (4) describe what national goals, such as improving undergraduate science, mathematics, and engineering education, improving K–12 science and mathematics education, promoting university-industry collaboration and technology transfer, and broadening participation of underrepresented groups, the broader impacts criterion is best suited to promote; and
 - (5) describe what steps the Foundation is taking and should take to use the broader impacts criterion to improve undergraduate science, mathematics, and engineering education.

1 SEC. 8. POSTDOCTORAL RESEARCH FELLOWS.

- 2 (a) Mentoring.—The Director shall require that all
- 3 grant applications that include funding to support
- 4 postdoctoral researchers include a description of the men-
- 5 toring activities that will be provided for such individuals,
- 6 and shall ensure that this part of the application is evalu-
- 7 ated under the Foundation's broader impacts merit review
- 8 criterion. Mentoring activities may include career coun-
- 9 seling, training in preparing grant applications, guidance
- 10 on ways to improve teaching skills, and training in re-
- 11 search ethics.
- 12 (b) Reports.—The Director shall require that an-
- 13 nual reports and the final report for research grants that
- 14 include funding to support postdoctoral researchers in-
- 15 clude a description of the mentoring activities provided to
- 16 such researchers.

17 SEC. 9. RESPONSIBLE CONDUCT OF RESEARCH.

- 18 The Director shall require that each institution that
- 19 applies for financial assistance from the Foundation for
- 20 science and engineering research or education describe in
- 21 its grant proposal a plan to provide appropriate training
- 22 and oversight in the responsible and ethical conduct of re-
- 23 search to undergraduate students, graduate students, and
- 24 postdoctoral researchers participating in the proposed re-
- 25 search project.

1 SEC. 10. REPORTING OF RESEARCH RESULTS.

- 2 The Director shall ensure that all final project re-
- 3 ports and citations of published research documents re-
- 4 sulting from research funded, in whole or in part, by the
- 5 Foundation, are made available to the public in a timely
- 6 manner and in electronic form through the Foundation's
- 7 Web site.

8 SEC. 11. SHARING RESEARCH RESULTS.

- 9 An investigator supported under a Foundation
- 10 award, whom the Director determines has failed to comply
- 11 with the provisions of section 734 of the Foundation Grant
- 12 Policy Manual, shall be ineligible for a future award under
- 13 any Foundation supported program or activity. The Direc-
- 14 tor may restore the eligibility of such an investigator on
- 15 the basis of the investigator's subsequent compliance with
- 16 the provisions of section 734 of the Foundation Grant Pol-
- 17 icy Manual and with such other terms and conditions as
- 18 the Director may impose.
- 19 SEC. 12. FUNDING FOR SUCCESSFUL STEM EDUCATION
- PROGRAMS.
- 21 (a) EVALUATION OF PROGRAMS.—The Director shall,
- 22 on an annual basis, evaluate all of the Foundation's grants
- 23 that are scheduled to expire within one year and—
- 24 (1) that have the primary purpose of meeting
- 25 the objectives of the Science and Engineering Equal
- Opportunity Act (42 U.S.C. 1885 et seq.); or

1	(2) that have the primary purpose of providing
2	teacher professional development.
3	(b) Continuation of Funding.—For grants that
4	are identified under subsection (a) and that are deemed
5	by the Director to be successful in meeting the objectives
6	of the initial grant solicitation, the Director may extend
7	the duration of those grants for up to 3 additional years
8	beyond their scheduled expiration without the requirement
9	for a recompetition. The Director may extend such grants
10	for an additional 3 years following a second review within
11	1 year before the extended completion date, in accordance
12	with subsection (a), and the determination by the Director
13	that the objectives of the grant are being achieved.
14	(c) Report to Congress.—Not later than 2 years
15	after the date of enactment of this Act, the Director shall
16	submit a report to the Committee on Science and Tech-
17	nology of the House of Representatives and to the Com-
18	mittee on Commerce, Science, and Transportation and the
19	Committee on Health, Education, Labor, and Pensions of
20	the Senate that—
21	(1) lists the grants which have been extended in
22	duration by the authority provided under this sec-
23	tion; and
24	(2) provides any recommendations the Director
25	may have regarding the extension of the authority

- 1 provided under this section to programs other than
- 2 those specified in subsection (a).

3 SEC. 13. COST SHARING.

- 4 (a) IN GENERAL.—The Board shall evaluate the im-
- 5 pact of its policy to eliminate cost sharing for research
- 6 grants and cooperative agreements for existing programs
- 7 that were developed around industry partnerships and his-
- 8 torically required industry cost sharing, such as the Engi-
- 9 neering Research Centers and Industry/University Coop-
- 10 erative Research Centers. The Board shall also consider
- 11 the impact that the cost sharing policy has on initiating
- 12 new programs for which industry interest and participa-
- 13 tion are sought.
- 14 (b) Report.—Not later than 6 months after the date
- 15 of enactment of this Act, the Board shall report to the
- 16 Committee on Science and Technology and the Committee
- 17 on Appropriations of the House of Representatives, and
- 18 the Committee on Commerce, Science, and Transpor-
- 19 tation, the Committee on Health, Education, Labor, and
- 20 Pensions, and the Committee on Appropriations of the
- 21 Senate, on the results of the evaluation under subsection
- 22 (a).

23 SEC. 14. DONATIONS.

- Section 11(f) of the National Science Foundation Act
- 25 of 1950 (42 U.S.C. 1870(f)) is amended by inserting at

- 1 the end before the semicolon ", except that funds may be
- 2 donated for specific prize competitions".

3 SEC. 15. ADDITIONAL REPORTS.

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- (a) Report on Funding for Major Facilities.—
- 5 (1) Preconstruction funding.—The Board 6 shall evaluate the appropriateness of the require-7 ment that funding for detailed design work and 8 other preconstruction activities for major research 9 equipment and facilities come exclusively from the 10 sponsoring research division rather than being avail-11 able, at least in part, from the Major Research 12 Equipment and Facilities Construction account.
 - (2) Maintenance and operation costs.—
 The Board shall evaluate the appropriateness of the Foundation's policies for allocation of costs for, and oversight of, maintenance and operation of major research equipment and facilities.
 - (3) Report.—Not later than 6 months after the date of enactment of this Act, the Board shall report on the results of the evaluations under paragraphs (1) and (2) and on any recommendations for modifying the current policies related to allocation of funding for major research equipment and facilities to the Committee on Science and Technology and the Committee on Appropriations of the House of

- 1 Representatives, and to the Committee on Com-
- 2 merce, Science, and Transportation, the Committee
- on Health, Education, Labor, and Pensions, and the
- 4 Committee on Appropriations of the Senate.
- 5 (b) Inclusion of Polar Facilities Upgrades in
- 6 Major Research Equipment and Facilities Con-
- 7 STRUCTION PLAN.—Section 201(a)(2)(D) of the National
- 8 Science Foundation Authorization Act of 1998 (42 U.S.C.
- 9 1862l(a)(2)(D)) is amended by inserting "and for major
- 10 upgrades of facilities in support of Antarctic research pro-
- 11 grams" after "facilities construction account".
- 12 (c) Report on Education Programs Within the
- 13 RESEARCH DIRECTORATES.—Not later than 6 months
- 14 after the date of enactment of this Act, the Director shall
- 15 transmit to the Committee on Science and Technology of
- 16 the House of Representative and the Committee on Com-
- 17 merce, Science, and Transportation and the Committee on
- 18 Health, Education, Labor, and Pensions of the Senate a
- 19 report cataloging all elementary and secondary school, in-
- 20 formal, and undergraduate educational programs and ac-
- 21 tivities supported through appropriations for Research
- 22 and Related Activities. The report shall display the pro-
- 23 grams and activities by directorate, along with estimated
- 24 funding levels for the fiscal years 2006, 2007, and 2008,
- 25 and shall provide a description of the goals of each pro-

- 1 gram and activity. The report shall also describe how the
- 2 programs and activities relate to or are coordinated with
- 3 the programs supported by the Education and Human Re-
- 4 sources Directorate.
- 5 (d) Report on Research in Undergraduate In-
- 6 STITUTIONS PROGRAM.—The Director shall transmit to
- 7 Congress along with the fiscal year 2011 budget request
- 8 a report listing the funding success rates and distribution
- 9 of awards for the Research in Undergraduate Institutions
- 10 program, by type of institution based on the highest aca-
- 11 demic degree conferred by the institution, for fiscal years
- 12 2008, 2009, and 2010.
- 13 SEC. 16. ADMINISTRATIVE AMENDMENTS.
- 14 (a) Triannual Audit of the Office of the Na-
- 15 TIONAL SCIENCE BOARD.—Section 15(a) of the National
- 16 Science Foundation Authorization Act of 2002 (42 U.S.C.
- 17 4862n-5) is amended—
- 18 (1) in paragraph (3), by striking "an annual
- audit" and inserting "an audit every three years";
- 20 (2) in paragraph (4), by striking "each year"
- and inserting "every third year"; and
- 22 (3) by inserting after paragraph (4) the fol-
- lowing new paragraph:
- 24 "(5) Materials relating to closed por-
- 25 Tions of meetings.—To facilitate the audit re-

- 1 quired under paragraph (3) of this subsection, the
- 2 Office of the National Science Board shall maintain
- 3 the General Counsel's certificate, the presiding offi-
- 4 cer's statement, and a transcript or recording of any
- 5 closed meeting, for at least 3 years after such meet-
- 6 ing.''.
- 7 (b) Limited Term Personnel for the National
- 8 Science Board.—Subsection (g) of section 4 of the Na-
- 9 tional Science Foundation Act of 1950 (42 U.S.C.
- 10 1863(g)) is amended to read as follows:
- 11 "(g) The Board may, with the concurrence of a ma-
- 12 jority of its members, permit the appointment of a staff
- 13 consisting of not more than 5 professional staff members,
- 14 technical and professional personnel on leave of absence
- 15 from academic, industrial, or research institutions for a
- 16 limited term and such operations and support staff mem-
- 17 bers as may be necessary. Such staff shall be appointed
- 18 by the Chairman and assigned at the direction of the
- 19 Board. The professional members and limited term tech-
- 20 nical and professional personnel of such staff may be ap-
- 21 pointed without regard to the provisions of title 5, United
- 22 States Code, governing appointments in the competitive
- 23 service, and the provisions of chapter 51 of such title relat-
- 24 ing to classification, and shall be compensated at a rate
- 25 not exceeding the maximum rate payable under section

- 1 5376 of such title, as may be necessary to provide for the
- 2 performance of such duties as may be prescribed by the
- 3 Board in connection with the exercise of its powers and
- 4 functions under this Act. Section 14(a)(3) shall apply to
- 5 each limited term appointment of technical and profes-
- 6 sional personnel under this subsection. Each appointment
- 7 under this subsection shall be subject to the same security
- 8 requirements as those required for personnel of the Foun-
- 9 dation appointed under section 14(a).".

10 SEC. 17. NATIONAL SCIENCE BOARD REPORTS.

- Paragraphs (1) and (2) of section 4(j) of the National
- 12 Science Foundation Act of 1950 (42 U.S.C. 1863(j)(1)
- 13 and (2)) are each amended by striking ", for submission
- 14 to" and inserting "and".

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