

114TH CONGRESS  
2D SESSION

# H. R. 5049

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## AN ACT

To provide for improved management and oversight of major multi-user research facilities funded by the National Science Foundation, to ensure transparency and accountability of construction and management costs, 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,*

1 **SECTION 1. SHORT TITLE.**

2 This Act may be cited as the “NSF Major Research  
3 Facility Reform Act of 2016”.

4 **SEC. 2. DEFINITIONS.**

5 In this Act:

6 (1) DIRECTOR.—The term “Director” means  
7 the Director of the Foundation.

8 (2) FOUNDATION.—The term “Foundation”  
9 means the National Science Foundation established  
10 under section 2 of the National Science Foundation  
11 Act of 1950 (42 U.S.C. 1861).

12 (3) MAJOR MULTI-USER RESEARCH FACILITY.—  
13 The term “major multi-user research facility” means  
14 a science and engineering infrastructure construction  
15 project that exceeds the lesser of 10 percent of a Di-  
16 rectorate’s annual budget or \$100,000,000 in total  
17 project cost that is funded in the major research  
18 equipment and facilities construction account, or any  
19 successor thereto.

20 **SEC. 3. MANAGEMENT AND OVERSIGHT OF LARGE FACILI-  
21 TIES.**

22 (a) LARGE FACILITIES OFFICE.—The Director shall  
23 maintain a Large Facilities Office. The functions of the  
24 Large Facilities Office shall be to support the research  
25 directorates in the development, implementation, and as-

1 assessment of major multi-user research facilities, including

2 by—

3 (1) serving as the Foundation's primary re-  
4 source for all policy or process issues related to the  
5 development and implementation of major multi-user  
6 research facilities;

7 (2) serving as a Foundation-wide resource on  
8 project management, including providing expert as-  
9 sistance on nonscientific and nontechnical aspects of  
10 project planning, budgeting, implementation, man-  
11 agement, and oversight;

12 (3) coordinating and collaborating with research  
13 directorates to share best management practices and  
14 lessons learned from prior projects; and

15 (4) assessing projects during preconstruction  
16 and construction phases for cost and schedule risk.

17 (b) OVERSIGHT OF LARGE FACILITIES.—The Direc-  
18 tor shall appoint a senior agency official as head of the  
19 Large Facilities Office whose responsibility is oversight of  
20 the development, construction, and transfer to operations  
21 of major multi-user research facilities across the Founda-  
22 tion.

23 (c) POLICIES FOR LARGE FACILITY COSTS.—

24 (1) IN GENERAL.—The Director shall ensure  
25 that the Foundation's policies for developing and

1        maintaining major multi-user research facility con-  
2        struction costs are consistent with the best practices  
3        described in the March 2009 Government Account-  
4        ability Office Report GAO-09-3SP, or any successor  
5        report thereto, the Uniform Guidance in 2 CFR part  
6        200, and the Federal Acquisition Regulation as ap-  
7        propriate.

8                (2) COST PROPOSAL ANALYSIS.—

9                (A) GENERAL REQUIREMENT.—The Direc-  
10        tor shall ensure that an external cost proposal  
11        analysis is conducted for any major multi-user  
12        research facility.

13                (B) RESOLUTION OF ISSUES FOUND.—The  
14        Director, or a senior agency official within the  
15        Office of the Director designated by the Direc-  
16        tor, shall certify in writing that all issues identi-  
17        fied during the cost analysis, including any  
18        findings of unjustified or questionable cost  
19        items, are resolved before the Foundation may  
20        execute a construction agreement with respect  
21        to the project.

22                (C) TRANSMITTAL TO CONGRESS.—The  
23        Director shall transmit each certification made  
24        under subparagraph (B) to the Committee on  
25        Science, Space, and Technology of the House of

1 Representatives, the Committee on Commerce,  
2 Science, and Transportation of the Senate, the  
3 Committee on Appropriations of the House of  
4 Representatives, and the Committee on Approp-  
5 priations of the Senate.

15 (4) CONTINGENCIES.—

16 (A) IN GENERAL.—Except as provided for  
17 in subparagraph (C)(ii), the Foundation shall—

24 (ii) not make any award which pro-  
25 vides for contributions to a contingency re-

1 serve held or managed by the awardee, as  
2 defined in 2 CFR part 200.433(e).

3 (B) UPDATING POLICY MANUAL.—The  
4 Foundation shall update its Large Facilities  
5 Manual and any other applicable guidance for  
6 contingencies on major multi-user research fa-  
7 cilities with regard to estimating, monitoring,  
8 and accounting for contingency.

9 (C) FOUNDATION REQUIREMENTS.—The  
10 policy updated under subparagraph (B) shall  
11 require that the Foundation—

12 (i) may only include contingency  
13 amounts in an award in accordance with  
14 Cost Principles Uniform Guidance in 2  
15 CFR part 200.433, or any successor there-  
16 to, and the Federal Acquisition Regulation  
17 as appropriate; and

23 (D) AWARDEE REQUIREMENTS.—The pol-  
24 icy updated under subparagraph (B) shall re-  
25 quire that an awardee shall—

1 (i) provide verifiable documentation to  
2 support any amounts proposed for contin-  
3 gencies; and

4 (ii) support requests for the release of  
5 contingency funds with evidence of a bona  
6 fide need and that the amounts allocated  
7 to the performance baseline are reasonable  
8 and allowable.

13 (i) to determine if any of their use of  
14 contingency funds represents out-of-scope  
15 changes for which Foundation's prior writ-  
16 ten approval was not obtained; and

17 (ii) if out-of-scope changes are found,  
18 to identify any financial action that may be  
19 appropriate.

20 (5) MANAGEMENT FEES:—

21 (A) DEFINITION.—In this paragraph, the  
22 term “management fee” means a portion of an  
23 award made by the Foundation for the purpose  
24 of covering ordinary and legitimate business ex-  
25 penses necessary to maintain operational sta-

1           bility which are not otherwise allowable under  
2           Cost Principles Uniform Guidance in 2 CFR  
3           part 200, Subpart E, or any successor regula-  
4           tion thereto.

5           (B) LIMITATION.—The Foundation may  
6           provide a management fee under an award only  
7           if the awardee provides justification as to the  
8           need for such funds. In such cases, the Founda-  
9           tion shall take into account the awardee's over-  
10           all financial circumstances when determining  
11           the amount of the fee if justified.

12           (C) FINANCIAL INFORMATION.—The  
13           Foundation shall require award applicants to  
14           provide income and financial information cov-  
15           ering a period of no less than 3 prior years (or  
16           in the case of an entity established less than 3  
17           years prior to the entity's application date, the  
18           period beginning on the date of establishment  
19           and ending on the application date), including  
20           cash on hand and net asset information, in sup-  
21           port of a request for management fees. The  
22           Foundation shall also require awardees to re-  
23           port to the Foundation annually any sources of  
24           non-Federal funds received in excess of \$50,000  
25           during the award period.

1 (D) EXPENSE REPORTING.—The Founda-  
2 tion shall require awardees to track and report  
3 to the Foundation annually all expenses reim-  
4 bursed or otherwise paid for with management  
5 fee funds, in accordance with Federal account-  
6 ing practices as established in Government Ac-  
7 countability Office Report GAO-12-331G, or  
8 any successor report thereto.

9 (E) AUDITS.—The Inspector General of  
10 the Foundation may audit any Foundation  
11 award for compliance with this paragraph.

12 (F) PROHIBITED USES.—An awardee may  
13 not use management fees for—

14 (i) costs allowable under Cost Prin-  
15 ciples Uniform Guidance in 2 CFR part  
16 200, Subpart E, or any successor regula-  
17 tion thereto;

18 (ii) alcoholic beverages;

19 (iii) tickets to concerts, sporting, or  
20 other entertainment events;

21 (iv) vacation or other travel for non-  
22 business purposes:

23 (v) charitable contributions, except for  
24 a charitable contribution of direct benefit

to the project or activity supported by the management fee;

3 (vi) social or sporting club member-  
4 ships;

5 (vii) meals or entertainment for non-  
6 business purposes;

7 (viii) luxury or personal items;

8 (ix) lobbying, as described in the Uni-  
9 form Guidance at 2 CFR 200.450; or

10 (x) any other purpose the Foundation  
11 determines is inappropriate.

12 (G) REVIEW.—The Foundation shall re-  
13 view management fee usage for each Founda-  
14 tion award on at least an annual basis for com-  
15 pliance with this paragraph and the Founda-  
16 tion's Large Facilities Manual.

17 (6) REPORT.—Not later than 12 months after  
18 the date of enactment of this Act, the Director shall  
19 submit to Congress a report describing the Founda-  
20 tion's policies for developing and managing major  
21 multi-user research facility construction costs, in-  
22 cluding a description of any aspects of the policies  
23 that diverge from the best practices recommended in  
24 Government Accountability Office Report GAO-09-

1 3SP, or any successor report thereto, and the Uni-  
2 form Guidance in 2 CFR part 200.

3 (7) NONCOMPLIANCE.—The Director shall en-  
4 sure that the Foundation shall take the enforcement  
5 actions specified in 45 CFR 92.43 for noncompli-  
6 ance with this section.

7 **SEC. 4. WHISTLEBLOWER EDUCATION.**

8 (a) IN GENERAL.—The Foundation shall be subject  
9 to section 4712 of title 41, United States Code.

10 (b) EDUCATION AND TRAINING.—The Foundation  
11 shall provide education and training for Foundation man-  
12 agers and staff on the requirements of such section 4712,  
13 and provide information on such section to all awardees,  
14 contractors, and employees of such awardees and contrac-  
15 tors.

Passed the House of Representatives June 14, 2016.

Attest:

*Clerk.*

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