

2024 Current Fiscal Year Report: Biomedical Informatics, Library and Data Sciences Review Committee

Report Run Date: 04/25/2024 01:30:23 PM

1. Department or Agency		2. Fiscal Year	
Department of Health and Human Services		2024	
3. Committee or Subcommittee		3b. GSA Committee No.	
Biomedical Informatics, Library and Data Sciences Review Committee		787	
4. Is this New Fiscal Year?	5. Current Charter	6. Expected Renewal Date	7. Expected Term Date
No	01/18/1991		
8a. Was Terminated During Fiscal Year?	8b. Specific Termination Authority		8c. Actual Term Date
No			
9. Agency Recommendation for Next Fiscal Year	10a. Legislation Req to Terminate?	10b. Legislation Pending?	
Continue	Not Applicable	Not Applicable	
11. Establishment Authority Authorized by Law			
12. Specific Establishment Authority	13. Effective Date	14. Committee Type	14c. Presidential?
42 U.S.C. 282(b)(16)	11/20/1985	Continuing	No
15. Description of Committee Grant Review Committee			
16a. Total Number of Reports	No Reports for this Fiscal Year		
17a. Open	17b. Closed	17c. Partially Closed	Other Activities
0	0	0	0
17d. Total			
0			
Meetings and Dates			
No Meetings			

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$0.00	\$0.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$0.00	\$0.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$0.00	\$0.00
18d. Total	\$0.00	\$0.00
19. Federal Staff Support Years (FTE)	0.00	0.00

20a. How does the Committee accomplish its purpose?

This committee is composed of recognized biomedical and/or behavioral research authorities who represent the forefront of research and technical knowledge and who provide first-level merit review of highly scientific and technical research grant applications (and/or contract proposals) in the fields of medical informatics, biotechnology information, librarianship, health sciences, information science, and education. During this reporting period the committee reviewed and scored 76 applications requesting \$75,209,532.

20b. How does the Committee balance its membership?

The members of this committee are authorities knowledgeable in fields of the biomedical informatics and data science, management of biomedical data and information, and health library sciences, broadly defined.

20c. How frequent and relevant are the Committee Meetings?

The Biomedical Informatics, Library and Data Sciences Review Committee held three meetings during FY 2023 on November 3, 2022, March 2, 2023, and June 15-16, 2023 and plans to hold three meetings in FY 2024.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

This committee is composed of recognized authorities in biomedical information research and technology and provides first-level merit review of highly scientific and technical research grant applications. These evaluations and recommendations cannot be obtained from other sources because the specialized, complex nature of the applications requires a unique balance and breadth of expertise not available on the NIH staff or from other established sources.

20e. Why is it necessary to close and/or partially closed committee meetings?

The meetings of the Biomedical Informatics, Library and Data Sciences Review Committee were closed to the public for the review of grant applications. Sections 552b(c)(4) and 552b(c)(6) of the Government in the Sunshine Act permit the closing of meetings where discussion could reveal confidential trade secrets or commercial property,

such as patentable material and personal information, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

21. Remarks

This committee did not produce any reports during this reporting period. URL: This committee does not have a dedicated website. Committee Decision Maker and Designated Federal Official are the same individual based on assigned duties within NLM. Reappointments for an additional 1-year term include Dr. Samantha Kleinberg 2023-2024. Members: Dr. Matthew Scotch was reassigned as Chair. Dr. Qing Zeng is local and receives honoraria only. Projected travel and per diem were not included for this member. In general, initial/integrated review group (IRG) members serve up to six years, which is documented in the Members list. The permanent membership of this IRG may be supplemented at any meeting with temporary members who have experience or expertise in the disciplines and fields related to the IRG's function and are appointed to review some or all of the applications considered at that meeting. Therefore, the Members list reflects meeting dates, not appointment start and end dates for these members. While only one meeting date is listed as an appointment start and end date, an IRG temporary member may have attended several meetings throughout the fiscal year. Meeting rosters, including members' affiliations and zip codes are available online at <https://public.era.nih.gov/pubroster/>.

Designated Federal Officer

ZOE HUANG CHIEF SCIENTIFIC REVIEW
OFFICER

Committee Members	Start	End	Occupation	Member Designation
BENOS, PANAGIOTIS	07/01/2021	06/30/2025	PROFESSOR	Peer Review
			AND CHAIR OF	Consultant
			EPIDEMIOLOGY, UNIVERSITY OF FLORIDA	Member
CLARK, TIMOTHY	07/01/2020	06/30/2024	ASSOCIATE	Peer Review
			PROFESSOR OF	Consultant
			PUBLIC HEALTH, UNIVERSITY OF VIRGINIA	Member
ELKIN, PETER	07/01/2022	06/30/2026	PROFESSOR	Peer Review
			AND CHAIR OF	Consultant
			MEDICINE AND BIOMEDICAL SCIENCES, UNIVERSITY OF BUFFALO	Member
GOODMAN, MELANIE	07/01/2021	06/30/2025	ASSOCIATE	Peer Review
			DEAN FOR	Consultant
			RESEARCH, NEW YORK UNIVERSITY	Member
KLEINBERG, SAMANTHA	07/01/2018	06/30/2024	ASSOCIATE	Peer Review
			PROFESSOR OF	Consultant
			COMPUTER SCIENCE, STEVENS INSTITUTE OF TECHNOLOGY	Member
LENERT, LESLIE	07/01/2021	06/30/2025	PROFESSOR OF	Peer Review
			INTERNAL	Consultant
			MEDICINE, MEDICAL UNIVERSITY OF SOUTH CAROLINA	Member
LIN, JOSHUA	07/01/2020	06/30/2024	PROFESSOR OF	Peer Review
			MEDICINE, BRIGHAM AND WOMEN'S HOSPITAL	Consultant
			PROFESSOR OF	Member
LIU, HONGFANG	07/01/2023	06/30/2027	ARTIFICIAL	Peer Review
			INTELLIGENCE	Consultant
			AND INFORMATICS, MAYO CLINIC	Member
LU, XINGHUA	07/01/2020	06/30/2024	PROFESSOR OF	Peer Review
			BIOMEDICAL	Consultant
			INFORMATICS, UNIVERSITY OF PITTSBURGH	Member

NEMATI, SHAMIM	07/01/2023	06/30/2027	ASSOCIATE PROFESSOR OF BIOMEDICAL INFORMATICS, UNIVERSITY OF CALIFORNIA, SAN DIEGO	Peer Review Consultant Member
NING, XIA	07/01/2023	06/30/2027	PROFESSOR OF BIOMEDICAL INFORMATICS, THE OHIO STATE UNIVERSITY	Peer Review Consultant Member
RICHESSON, RACHEL	07/01/2022	06/30/2026	PROFESSOR OF LEARNING HEALTH SCIENCES, UNIVERSITY OF MICHIGAN	Peer Review Consultant Member
ROSENBLOOM, S. TRENT	07/01/2021	06/30/2025	VICE CHAIR OF FACULTY AFFAIRS, VANDERBILT UNIVERSITY MEDICAL CENTER	Peer Review Consultant Member
SCOTCH, MATTHEW	07/01/2020	06/30/2024	PROFESSOR, BIODESIGN CENTER, ARIZONA STATE UNIVERSITY	Peer Review Consultant Member
SENTEIO, CHARLES	07/01/2023	06/30/2027	ASSOCIATE PROFESSOR OF LIBRARY AND INFORMATION SCIENCE, RUTGERS UNIVERSITY	Peer Review Consultant Member
SIROTA, MARINA	07/01/2022	06/30/2026	ASSOCIATE PROFESSOR OF BAKER HEALTH SCIENCES INSTITUTE, UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	Peer Review Consultant Member
STARREN, JUSTIN	07/01/2023	06/30/2027	PROFESSOR OF PREVENTIVE MEDICINE, NORTHWESTERN UNIVERSITY	Peer Review Consultant Member
TURNER, ANNE	07/01/2021	06/30/2025	PROFESSOR OF BIOMEDICAL INFORMATICS AND MEDICAL EDUCATION, UNIVERSITY OF WASHINGTON	Peer Review Consultant Member

ZENG, QING	07/01/2022	06/30/2026	DIRECTOR OF BIOMEDICAL INFORMATICS CENTER, GEORGE WASHINGTON UNIVERSITY PROFESSOR, DEPARTMENT OF EPIDEMIOLOGY AND BIostatISTICS, UNIVERSITY OF CALIFORNIA, IRVINE CHAIR AND PROFESSOR OF PRECISION HEALTH, UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER	Peer Review Consultant Member
ZHANG, MIN	07/01/2021	06/30/2025		Peer Review Consultant Member
ZHAO, ZHONGMING	07/01/2022	06/30/2026		Peer Review Consultant Member

Number of Committee Members Listed: 21

Narrative Description

NIH's mission is to seek fundamental knowledge about the nature and behavior of living systems and the application of that knowledge to enhance health, lengthen life, and reduce illness and disability. NIH works toward that mission by supporting the research of non-Federal scientists in universities, medical schools, hospitals, and research institutions throughout the country and abroad. Section 492 of the PHS Act states that The Secretary ...shall by regulation require appropriate technical and scientific peer review of -- (A) applications...; and (B) biomedical and behavioral research and development contracts...The Biomedical Informatics, Library and Data Sciences Review Committee is meeting its mission as the Initial Review Group for grants submitted to the Extramural Program of the NLM. The BILDS advises and makes recommendations to the NLM Board of Regents on the scientific and technical merit of grants and contracts related to health science libraries, clinical informatics, bioinformatics, biomedical publications, and biomedical computing.

What are the most significant program outcomes associated with this committee?

Checked if
Applies

- | | |
|---|-------------------------------------|
| Improvements to health or safety | <input type="checkbox"/> |
| Trust in government | <input type="checkbox"/> |
| Major policy changes | <input type="checkbox"/> |
| Advance in scientific research | <input checked="" type="checkbox"/> |
| Effective grant making | <input checked="" type="checkbox"/> |
| Improved service delivery | <input type="checkbox"/> |
| Increased customer satisfaction | <input type="checkbox"/> |
| Implementation of laws or regulatory requirements | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Outcome Comments

N/A

What are the cost savings associated with this committee?

Checked if Applies

- | | |
|----------------------------|-------------------------------------|
| None | <input type="checkbox"/> |
| Unable to Determine | <input checked="" type="checkbox"/> |
| Under \$100,000 | <input type="checkbox"/> |
| \$100,000 - \$500,000 | <input type="checkbox"/> |
| \$500,001 - \$1,000,000 | <input type="checkbox"/> |
| \$1,000,001 - \$5,000,000 | <input type="checkbox"/> |
| \$5,000,001 - \$10,000,000 | <input type="checkbox"/> |
| Over \$10,000,000 | <input type="checkbox"/> |
| Cost Savings Other | <input type="checkbox"/> |

Cost Savings Comments

NIH supported basic and clinical research accomplishments often take many years to unfold into new diagnostic tests and new ways to treat and prevent disease.

What is the approximate Number of recommendations produced by this committee for the life of the committee?

2,795

Number of Recommendations Comments

The Biomedical Informatics, Library and Data Sciences Review Committee have reviewed 2795 applications, which includes 76 this FY.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

45%

% of Recommendations Fully Implemented Comments

NIH Peer Review Committees are involved in the initial review of research grant applications. The NIH dual peer review system is mandated by statute in accordance with section 492 of the Public Health Service Act. The charge to this committee is to determine scientific and technical merit of the individual grants or contracts. These recommendations and favorable applications are then forwarded for the second level of review performed by Institute and Center (IC) National Advisory Councils or Boards. Only applications that are favorably recommended by both the initial peer review committee and the Advisory Council may be recommended for funding.

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

0%

% of Recommendations Partially Implemented Comments

NIH Peer Review Committees are involved in the initial review of research grant applications. The NIH dual peer review system is mandated by statute in accordance with section 492 of the Public Health Service Act. The charge to this committee is to determine scientific and technical merit of the individual grants or contracts. These recommendations are forwarded to Federal officials who generally accept the committee's recommendations and favorable applications are then forwarded for the second level of review performed by Institute and Center (IC) National Advisory Councils or Boards. Only applications that are favorably recommended by both the initial peer review committee and the Advisory Council may be recommended for funding.

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

Information resulting from closed initial peer review meetings is subject to the Freedom of Information Act. The public can view information on research projects funded by NIH on the RePORT (Research Portfolio Online Reporting Tool) website located at <http://report.nih.gov>.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities	<input type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

An action of “approved” or “recommended” for grants receiving initial peer review by this committee does not infer that the grant will be or has been funded. Research grant applications submitted to NIH must go through a two-step review process that includes the initial peer review for scientific and technical merit and a second step of review and approval by a National Advisory Council for program relevance. In addition, prior to an award or funding being made, NIH staff must conduct an administrative review for a number of other considerations. These include alignment with NIH’s funding principles, review of the project budget, assessment of the applicant’s management systems, determination of applicant eligibility, and compliance with public policy requirements. After all these steps have been completed, NIH officials make funding decisions on individual grant applications.

Is the Committee engaged in the review of applications for grants?

Yes

What is the estimated Number of grants reviewed for approval 76

What is the estimated Number of grants recommended for approval 76

What is the estimated Dollar Value of grants recommended for approval \$75,209,532

Grant Review Comments

N/A

How is access provided to the information for the Committee's documentation?

Checked if Applies

Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>
Online Committee Web Site	<input type="checkbox"/>
Online GSA FACA Web Site	<input checked="" type="checkbox"/>
Publications	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>

Access Comments

Contact the National Library of Medicine Committee Management Office.