

2022 Current Fiscal Year Report: Biomedical Informatics, Library and Data Sciences Review Committee

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1. Department or Agency	2. Fiscal Year
Department of Health and Human Services	2022
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
No	01/18/1991
	6. Expected Renewal Date
	7. Expected Term Date

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 0 **17b. Closed** 3 **17c. Partially Closed** 0 **Other Activities** 0 **17d. Total** 3

Meetings and Dates

Purpose	Start	End
Grant Review	11/04/2021	- 11/05/2021
Grant Review	03/03/2022	- 03/03/2022
Grant Review	06/16/2022	- 06/16/2022

Number of Committee Meetings Listed: 3

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$19,000.00	\$19,000.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$69,622.00	\$71,502.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$0.00	\$58,848.00
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.)	\$900.00	\$7,509.00
18d. Total	\$89,522.00	\$156,859.00
19. Federal Staff Support Years (FTE)	0.50	0.50

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 91 applications requesting \$96,359,040.

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 2022 on November 4-5, 2021, March 3, 2022, and June 16, 2022 and plans to hold three meetings in FY 2023.

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. Gully Burns and Dr. Samantha Kleinberg 2022-2023. Dr. Ramana Davuluri was incorrectly listed as Chair for her 4 year term on the 2021 report. Her regular member term was 7/1/2018-6/30/2021 and her Chair term was 7/1/2021-6/30/2022. Members: Olivier Lichtarge was reassigned as Chair.

Designated Federal Officer

ZOE HUANG CHIEF SCIENTIFIC REVIEW OFFICER

Committee Members	Start	End	Occupation	Member Designation
AFSHAR, MAJID	11/04/2021	11/05/2021	ASSISTANT PROFESSOR OF MEDICINE, UNIVERSITY OF WISCONSIN, MADISON	Peer Review Consultant Member
BENNETT, KRISTIN	11/04/2021	11/05/2021	ASSOCIATE DIRECTOR FOR DATA EXPLORATION, RENSSELAER POLYTECHNIC INSTITUTE	Peer Review Consultant Member

BENOS, PANAGIOTIS	07/01/2021	06/30/2025	PROFESSOR AND CHAIR OF EPIDEMIOLOGY, UNIVERSITY OF FLORIDA	Peer Review Consultant Member
BURNS, GULLY	07/01/2018	06/30/2023	RESEARCH SCIENTIST, CHAN ZUCKERBERG INITIATIVE	Peer Review Consultant Member
CALLAHAN, ALISON	07/01/2018	06/30/2022	RESEARCH SCIENTIST, STANFORD UNIVERSITY	Peer Review Consultant Member
CLARK, TIMOTHY	07/01/2020	06/30/2024	ASSOCIATE PROFESSOR OF PUBLIC HEALTH, UNIVERSITY OF VIRGINIA	Peer Review Consultant Member
DAVULURI, RAMANA	07/01/2018	06/30/2022	PROFESSOR OF BIOMEDICAL INFORMATICS, STONY BROOK UNIVERSITY	Peer Review Consultant Member
DORR, DAVID	11/04/2021	11/05/2021	PROFESSOR OF MEDICAL INFORMATICS, OREGON HEALTH & SCIENCE UNIVERSITY	Peer Review Consultant Member
DOUGLAS WILLIAMS, TARA	07/01/2019	06/30/2023	ASSOCIATE DIRECTOR, EMORY UNIVERSITY	Peer Review Consultant Member
ELKIN, PETER	07/01/2022	06/30/2026	PROFESSOR AND CHAIR OF MEDICINE AND BIOMEDICAL SCIENCES, UNIVERSITY OF BUFFALO	Peer Review Consultant Member
GILLIS, JESSE	11/04/2021	11/05/2021	ASSOCIATE PROFESSOR OF GENOMICS, COLD SPRING HARBOR LABORATORY	Peer Review Consultant Member
GOODMAN, MELANIE	07/01/2021	06/30/2025	ASSOCIATE DEAN FOR RESEARCH, NEW YORK UNIVERSITY	Peer Review Consultant Member
GRANNIS, SHAUN	07/01/2019	06/30/2023	ASSOCIATE PROFESSOR OF BIOMEDICAL INFORMATICS, INDIANA UNIVERSITY/PURDUE UNIVERSITY	Peer Review Consultant Member

HSU, WILLIAM	03/03/2022	03/03/2022	ASSOCIATE PROFESSOR OF RADIOLOGICAL SCIENCES, UNIVERSITY OF CALIFORNIA, LOS ANGELES	Peer Review Consultant Member
KLEINBERG, SAMANTHA	07/01/2018	06/30/2023	ASSOCIATE PROFESSOR OF COMPUTER SCIENCE, STEVENS INSTITUTE OF TECHNOLOGY	Peer Review Consultant Member
LENERT, LESLIE	07/01/2021	06/30/2025	CHIEF RESEARCH INFORMATION OFFICER, MEDICAL UNIVERSITY OF SOUTH CAROLINA	Peer Review Consultant Member
LICHTARGE, OLIVIER	07/01/2019	06/30/2023	PROFESSOR AND CHAIR OF GENETICS, BAYLOR COLLEGE OF MEDICINE	Peer Review Consultant Member
LIN, JOSHUA	07/01/2020	06/30/2024	PROFESSOR OF MEDICINE, BRIGHAM AND WOMEN'S HOSPITAL	Peer Review Consultant Member
LUNGREN, MATTHEW	11/04/2021	11/05/2021	CHIEF MEDICAL INFORMATION OFFICER, AMAZON WEB SERVICES	Peer Review Consultant Member
LU, XINGHUA	07/01/2020	06/30/2024	PROFESSOR OF BIOMEDICAL INFORMATICS, UNIVERSITY OF PITTSBURGH	Peer Review Consultant Member
PATEL, CHIRAG	07/01/2018	06/30/2022	ASSOCIATE PROFESSOR OF BIOMEDICAL INFORMATICS, HARVARD MEDICAL SCHOOL	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

SAHA, PUNAM	11/04/2021	11/05/2021	PROFESSOR OF ELECTRICAL COMPUTING AND RADIOLOGY, UNIVERSITY OF IOWA	Peer Review Consultant Member
SCOTCH, MATTHEW	07/01/2020	06/30/2024	ASSOCIATE PROFESSOR OF BIOMEDICAL INFORMATICS, ARIZONA STATE UNIVERSITY	Peer Review Consultant Member
SENTEIO, CHARLES	11/04/2021	11/05/2021	ASSISTANT 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
SMALHEISER, NEIL	11/04/2021	11/05/2021	ASSOCIATE PROFESSOR OF PSYCHIATRY, UNIVERSITY OF ILLINOIS AT CHICAGO	Peer Review Consultant Member
TAO, CUI	03/03/2022	03/03/2022	PROFESSOR AND DIRECTOR OF BIOMEDICAL SEMANTICS, UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	Peer Review Consultant Member
TAYLOR, CASEY	07/01/2018	06/30/2022	ASSISTANT PROFESSOR OF MEDICINE, JOHNS HOPKINS SCHOOL OF MEDICINE	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

WENG, CHUNHUA	11/04/2021	11/05/2021	ASSOCIATE PROFESSOR OF BIOMEDICAL INFORMATICS, COLUMBIA UNIVERSITY	Peer Review Consultant Member
ZENG, QING	07/01/2022	06/30/2026	DIRECTOR OF BIOMEDICAL INFORMATICS CENTER, GEORGE WASHINGTON UNIVERSITY	Peer Review Consultant Member
ZHANG, MIN	07/01/2021	06/30/2025	ASSOCIATE DIRECTOR OF DATA SCIENCE, PURDUE UNIVERSITY	Peer Review Consultant Member
ZHAO, ZHONGMING	07/01/2022	06/30/2026	CHAIR AND PROFESSOR OF PRECISION HEALTH, UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER	Peer Review Consultant Member

Number of Committee Members Listed: 35

Narrative Description

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
- Other

Outcome Comments

N/A

What are the cost savings associated with this committee?

Checked if Applies

- None
- Unable to Determine
- Under \$100,000
- \$100,000 - \$500,000
- \$500,001 - \$1,000,000
- \$1,000,001 - \$5,000,000
- \$5,000,001 - \$10,000,000
- Over \$10,000,000
- Cost Savings Other

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?

2,719

Number of Recommendations Comments

The Biomedical Informatics, Library and Data Sciences Review Committee have reviewed 2719 applications, which includes 91 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
- Reallocated resources
- Issued new regulation
- Proposed legislation

Approved grants or other payments
Other

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 91

What is the estimated Number of grants recommended for approval 91

What is the estimated Dollar Value of grants recommended for approval \$96,359,040

Grant Review Comments

N/A

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

Checked if Applies

Contact DFO
Online Agency Web Site
Online Committee Web Site
Online GSA FACA Web Site
Publications
Other

Access Comments

Contact the National Library of Medicine Committee Management Office.