

2023 Current Fiscal Year Report: National Advisory Council for Biomedical Imaging and Bioengineering

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1. Department or Agency

Department of Health and Human Services

2. Fiscal Year

2023

3. Committee or Subcommittee

National Advisory Council for Biomedical Imaging and Bioengineering

3b. GSA

Committee

No.

10764

4. Is this New During Fiscal Year?

No

5. Current Charter

08/28/2023 08/28/2025

6. Expected Renewal Date

7. Expected Term Date

8a. Was Terminated During Fiscal Year?

No

8b. Specific Termination Authority

8c. Actual Term Date

9. Agency

Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

Not Applicable

10b.

Legislation Pending?

Not Applicable

11. Establishment Authority Statutory (Congress Created)

12. Specific Establishment Authority

42 USC 285r; 42 USC 284a

13. Effective Date

12/29/2000

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee Other Committee

16a. Total

Number of Reports

No Reports for this Fiscal Year

17a.

Open

0 17b. Closed0 17c. Partially Closed3 Other Activities0 17d. Total3

Meetings and Dates

Purpose

To complete the secondary review of grant applications and/or proposals and program advisory review.

Start

End

01/25/2023 - 01/25/2023

To complete the secondary review of grant applications and/or proposals and program advisory review. 05/16/2023 - 05/16/2023

To complete the secondary review of grant applications and/or proposals and program advisory review. 09/14/2023 - 09/14/2023

Number of Committee Meetings Listed: 3

	Current FY	Next FY
18a(1). Personnel		
Pmts to Non-Federal Members	\$6,400.00	\$6,400.00
18a(2). Personnel		
Pmts to Federal Members	\$7,737.00	\$7,737.00
18a(3). Personnel		
Pmts to Federal Staff	\$201,760.00	\$158,683.00
18a(4). Personnel		
Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$20,420.00	\$20,551.00
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.)	\$36,866.00	\$18,284.00
18d. Total	\$273,183.00	\$211,655.00
19. Federal Staff Support Years (FTE)	1.20	1.20

20a. How does the Committee accomplish its purpose?

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.... This Council is composed of scientific members who provide the second level of peer review; advise on policy development, program implementation and evaluation; and identify research needs and opportunities of the Institute. During this reporting period, the committee reviewed 5206 applications requesting \$8,418,986,124 in direct costs.

20b. How does the Committee balance its membership?

The Council will consist of 12 members appointed by the Secretary (appointed members) and at least 9 non-voting ex officio members. The non-voting ex officio members will include the Secretary; the Director, NIH; the Director, NIBIB; the Under Secretary for Health of the Department of Veterans Affairs; the Assistant Secretary of Defense for Health Affairs; the Director of the Centers for Disease Control and Prevention; the Director of the National Science Foundation; the Director of the National Institute of Standards and Technology (or their designees); and any additional officers or employees of the United States as the Secretary determines necessary for the Council to effectively carry out its functions. All appointed members must be eligible to serve as Special Government Employees (SGEs) and will serve as SGEs, as defined by 18 U.S.C. § 202. Of the 12 appointed members, six will be selected from among scientists, engineers, physicians, and other health professionals who represent disciplines in biomedical imaging and bioengineering and who are not officers or employees of the United States, and six will be selected from among scientists, engineers,

physicians, and other health professionals who represent other disciplines and are knowledgeable about the applications of biomedical imaging and bioengineering in medicine, and who are not officers or employees of the United States.

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

The committee met three times during the fiscal year. The National Advisory Council for Biomedical Imaging and Bioengineering provides advice on a continuing basis on the types of scientific research programs that should be supported and on how to carry out the designated mission and responsibilities of the Institute.

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

The National Advisory Council for Biomedical Imaging and Bioengineering is composed of scientific members who provide the second level of review for research grant applications; advise on policy development, program implementation and evaluation; and identify research needs and opportunities of the Institute. The quality, scope, and balance of advice from this Council cannot be obtained from NIH staff or from other established sources because the membership of the Council is constituted to meet the specific requirements of the mandated mission of the Council and of the Institute.

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

The meetings of the National Advisory Council for Biomedical Imaging and Bioengineering were partially 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 permits 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

Committee Function : Other - National Scientific and Advisory The DFO and Committee Decision Maker positions are held by the same individual because NIBIB is a small institute. The DFO has changed - Dr. Kathy Salaita came on as Acting Associate Director in July 2023. Reports: This committee did not produce any reports during this reporting period. Members: Dr. Tejal Desai changed institutions. Dr. Bruce Tromberg was reappointed as chair through 8/31/2025. Dr. Samuel Achilefu, Dr. Jennifer Barton, Dr. Amy Herr, and Dr. Ranu Jung have been extended 180 days. Dr. Manu Platt resigned on 3/1/2022 to take a position with NIBIB. Drs. Rosen and Giger's terms ended on 12/15/2022.

Designated Federal Officer

Kathy Salaita ACTING ASSOCIATE DIRECTOR
FOR RESEARCH ADMINISTRATION

Committee Members	Start	End	Occupation	Member Designation
Achilefu, Samuel	12/22/2019	02/27/2024	Professor and Chair, University of Texas Southwestern	Special Government Employee (SGE) Member
Barabino, Gilda	01/03/2021	08/31/2024	President, Olin College of Engineering	Special Government Employee (SGE) Member
Barton, Jennifer	10/27/2019	02/27/2024	Professor, University of Arizona	Special Government Employee (SGE) Member

Becerra, Xavier	03/19/2021	01/20/2025	Secretary, DHHS	Ex Officio Member
Cherry, Simon	12/06/2020	08/31/2024	Distinguished Professor, University of California, Davis	Special Government Employee (SGE) Member
Desai, Tejal	12/05/2021	08/31/2025	Professor and Chair, University of California, San Francisco	Special Government Employee (SGE) Member
GIGER, MARYELLEN	09/16/2018	12/15/2022	A.N. PRITZKER PROFESSOR OF RADIOLOGY/MEDICAL PHYSICS, University of Chicago	Special Government Employee (SGE) Member
HO, VINCENT	09/01/2022	08/31/2026	PROFESSOR AND CHAIR OF RADIOLOGY, Uniformed Services University of the Health Sciences	Ex Officio Member
Herr, Amy	12/22/2019	02/27/2024	Professor of Bioengineering, University of California, Berkeley	Special Government Employee (SGE) Member
Jung, Ranu	11/10/2019	02/27/2024	Distinguished Professor of Biomedical Engineering, University of Arkansas	Special Government Employee (SGE) Member
McCollough, Cynthia	01/17/2023	08/31/2026	Brooks-Hollern Professor of Medical Physics & Biomedical Engineering, Mayo Clinic, Rochester, MN	Special Government Employee (SGE) Member
Nightingale, Kathryn	12/06/2020	08/31/2024	Theo Pilkington Professor of Biomedical Engineering, Duke University	Special Government Employee (SGE) Member
PLANT, ANNE	09/01/2022	08/31/2026	Chief, National Institute of Standards and Technology	Ex Officio Member
RASTEGAR, SOHI	09/01/2016	08/31/2026	Senior Advisor, National Science Foundation	Ex Officio Member
Rosen, Bruce	04/28/2019	12/15/2022	Professor, Harvard Medical School	Special Government Employee (SGE) Member

Shuren, Jeffrey	07/16/2019	07/01/2027	Director, United States Food and Drug Administration	Ex Officio Member
Sodickson, Daniel	01/17/2023	08/31/2026	Professor & Chief Innovation Officer, New York University, New York, NY	Special Government Employee (SGE) Member
Tabak, Lawrence	12/20/2021	01/20/2025	Acting Director, NIH	Ex Officio Member
Tromberg, Bruce	09/01/2019	08/31/2025	Director, National Institute of Biomedical Imaging and Bioengineering	Ex Officio Member
Wong, Joyce	01/17/2023	08/31/2026	Professor, Boston University, Boston, MA	Special Government Employee (SGE) Member

Number of Committee Members Listed: 20

Narrative Description

The Council will advise, assist, consult with, and make recommendations to the Secretary of Health and Human Services and the Director, National Institute for Biomedical Imaging and Bioengineering, on matters related to the activities carried out by and through the Institute and the policies respecting these activities. The Council may recommend to the Secretary, in accordance with section 231 of the PHS Act, as amended, acceptance of conditional gifts for study, investigation, or research respecting biomedical imaging and bioengineering, for the acquisition of grounds, or for the construction, equipping, or maintenance of facilities for the Institute. The Council may review applications for grants and cooperative agreements for research and training and recommend approval of applications for projects which show promise of making valuable contributions to human knowledge; may review any grant, contract, or cooperative agreement proposed to be made or entered into by the Institute; may collect, by correspondence or by personal investigation, information as to studies which are being carried on in the United States or any other country and, with the approval of the Director of NIBIB, make available such information through appropriate publications for the benefit of public and private health entities, health professions personnel and scientists, and for the information

of the general public.

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

	Checked if Applies
Improvements to health or safety	<input checked="" 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 diseases.

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

130,035

Number of Recommendations Comments

The number of recommendations includes the second level review of grant applications.

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

0%

% of Recommendations Fully Implemented Comments

Information on the research funded by NIH is available through the RePORT (Research Portfolio Online Reporting Tool) website. RePORT provides access to reports, data, and analyses of NIH research activities that advance the mission of the NIH, including information on NIH expenditures, strategic plans, reports on NIH funding, and reports on the organizations and people involved in NIH research and research training. The RePORT website is located at <http://report.nih.gov>.

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

Information on the research funded by NIH is available through the RePORT (Research Portfolio Online Reporting Tool) website. RePORT provides access to reports, data, and analyses of NIH research activities that advance the mission of the NIH, including information on NIH expenditures, strategic plans, reports on NIH funding, and reports on the organizations and people involved in NIH research and research training. The RePORT website is located at <http://report.nih.gov>.

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 is provided to the public at the open session of each Council meeting through reports and the Director's update. The public can view information related to the Council through the council's official website.

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 review by this Council 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 that includes 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

What is the estimated <u>Number</u> of grants recommended for approval	5,206
	5,206

What is the estimated <u>Dollar Value</u> of grants recommended for approval	\$8,418,986,124
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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



Online GSA FACA Web Site



Publications



Other



Access Comments

N/A