

2025 Current Fiscal Year Report: Applied Immunology and Disease Control Integrated Review Group

Report Run Date: 07/16/2025 09:21:17 AM

1. Department or Agency

Department of Health and Human Services

2. Fiscal Year

2025

3. Committee or Subcommittee

Applied Immunology and Disease Control
Integrated Review Group

3b. GSA

Committee

No.

1872

4. Is this New During Fiscal Year?

No

5. Current Charter

01/03/1994

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 Authorized by Law

12. Specific Establishment Authority

42 U.S.C. 282 (b)(16)

13. Effective Date

11/20/1985

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee Grant Review Committee

16a. Total

Number of Reports

No Reports for
this Fiscal Year

17a.

Open

0

17b. Closed

0

17c. Partially Closed

0

Other Activities

0

17d. Total

0

Meetings and Dates

No Meetings

Current Next
FY 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. Administrative Costs (FRNs, contractor support, In-person/hybrid/virtual meetings)	\$0.00	\$0.00
18d. Other (all other funds not captured by any other cost category)	\$0.00	\$0.00
18e. Total Costs	\$0.00	\$0.00
19. Federal Staff Support Years (FTE)	0.00	0.00

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 committee is composed of recognized biomedical and behavioral research authorities who represent the forefront of research and technical knowledge and who provide first-level merit review of highly

scientific and technical funding applications and proposals, including but not limited to grant and cooperative agreement applications and contract proposals for research projects and for research and training activities in areas relevant to immunological, biological, and chemical strategies for infectious disease intervention, control, and prevention. Included are the discovery and development of anti-infective agents and vaccines for the prevention and treatment of infectious diseases, antimicrobial resistance, and control strategies which cover all investigative aspects of vectors associated with disease transmission. During this reporting period this committee reviewed 1,176 applications requesting \$1,494,871,568.00.

20b. How does the Committee balance its membership?

This committee is composed of members who are authorities knowledgeable in the various disciplines and fields relating to immunology and disease intervention, control, and prevention.

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

This initial review group held 15 meetings during this reporting period.

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

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 contract proposals. These evaluations and recommendations cannot be obtained from other

sources because the specialized, complex nature of the applications and proposals 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 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 public reports during the fiscal year. Courtney Murdock was reassigned as Chair this fiscal year. Jinhong Chang's term ended on 11/20/2022 and he was inaccurately reported in the 2023 report. Zhengqiang Wang's term ended on 11/30/2022 and he was inaccurately reported in the 2023 report. He served on this committee this fiscal year and is included on the members list. Mariola Edelmann's last name changed to Ferraro. Due to the assignment of responsibilities within the Center, the roles of the committee designated federal official and committee decision maker are filled by the same individual. Due to the larger number of members serving on this committee, NIH staff are unable to provide additional information on Occupation or Affiliation. Additional information on an individual's affiliation may be obtained by contacting the designated federal

officer listed in this report. In general, initial/integrated review group (IRG) members serve up to six years, which is documented in the Members list. Temporary members are individuals recruited based on expertise needed for each meeting. Some temporary members may attend one meeting only while others may attend multiple meetings. Instead of appointment start and end dates, each meeting date on which the temporary member served is identified on the Members list. Meeting rosters, including members' affiliations and zip codes are available online at <https://public.era.nih.gov/pubroster/>.

Designated Federal Officer

Ross Shonat Director, Division of Physiological and Pathological Sciences

Committee Members	Start	End	Occupation	Member Designation
Anderson, Matthew	10/01/2023	06/30/2029	Associate Professor	Peer Review Consultant Member
Arias, Cesar	07/21/2023	06/30/2025	Professor	Peer Review Consultant Member
Auguste, Albert	07/01/2024	06/30/2030	Associate Professor	Peer Review Consultant Member
Bagley, Kenneth	07/01/2021	06/30/2025	Director	Peer Review Consultant Member
Barbier, Mariette	07/01/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Bartholomay, Lyric	07/01/2024	06/30/2027	Professor	Peer Review Consultant Member
Baumler, Andreas	07/01/2024	06/30/2028	Professor and Vice Chair	Peer Review Consultant Member
Benoit, Josh	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Berney, Michael	07/21/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Bhanot, Purnima	07/01/2022	06/30/2025	Associate Professor	Peer Review Consultant Member

Bhatt, Ami	07/26/2023	06/30/2026	Associate Professor	Peer Review Consultant Member
Boon, Elizabeth	07/01/2024	06/30/2028	Professor	Peer Review Consultant Member
Brennan-Krohn, Thea	07/01/2024	06/30/2028	Assistant Professor	Peer Review Consultant Member
Brown, Lauren	07/19/2023	06/30/2027	Research Associate Professor	Peer Review Consultant Member
Cegelski, Lynette	07/01/2024	06/30/2028	Associate Professor	Peer Review Consultant Member
Chang, Jinhong	07/01/2024	06/30/2027	Professor	Peer Review Consultant Member
Coffey, Lark	07/01/2023	06/30/2026	Associate Professor	Peer Review Consultant Member
Davies, Bryan	07/19/2023	06/30/2026	Associate Professor	Peer Review Consultant Member
Diaz, Patricia	07/01/2024	06/30/2030	Professor	Peer Review Consultant Member
Diuk-Wasser, Maria	07/01/2024	06/30/2028	Professor	Peer Review Consultant Member
Du, Lanying	07/01/2021	06/30/2025	Professor	Peer Review Consultant Member
Dubey, Purnima	07/01/2021	06/30/2025	Associate Professor	Peer Review Consultant Member
Ferraro, Mariola	07/18/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Ferrins, Lori	07/01/2024	06/30/2028	Research Associate Professor	Peer Review Consultant Member
Flaherty, Daniel	07/01/2024	06/30/2028	Associate Professor	Peer Review Consultant Member
Foy, Brian	07/01/2021	06/30/2025	Professor	Peer Review Consultant Member
Gill, Steven	07/18/2023	06/30/2025	Professor	Peer Review Consultant Member
Gonzalez Juarbe, Norberto	07/19/2023	06/30/2027	Associate Professor	Peer Review Consultant Member

Gulia-Nuss, Monika	07/01/2024	06/30/2028	Associate Professor	Peer Review Consultant Member
Hadjifrangiskou, Maria	07/18/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Hartman, Amy	07/01/2023	06/30/2029	Associate Professor	Peer Review Consultant Member
Henao-Tamayo, Marcela	07/01/2021	06/30/2027	Associate Professor	Peer Review Consultant Member
Herati, Ramin	07/01/2024	06/30/2028	Assistant Professor	Peer Review Consultant Member
Hermance, Meghan	07/01/2023	06/30/2027	Assistant Professor	Peer Review Consultant Member
Hogan, Deborah	07/01/2024	06/30/2028	Professor	Peer Review Consultant Member
Janetka, James	07/19/2023	06/30/2026	Professor	Peer Review Consultant Member
Juarez, Oscar	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Keiler, Kenneth	07/01/2024	06/30/2028	Professor	Peer Review Consultant Member
Kelly, Jane	07/01/2021	06/30/2025	Research Professor	Peer Review Consultant Member
Koh, Andrew	07/18/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Korotkova, Natalia	07/21/2023	06/30/2027	Assistant Professor	Peer Review Consultant Member
Lawrenz, Matthew	07/01/2023	06/30/2029	Associate Professor	Peer Review Consultant Member
Limoli, Dominique	07/01/2024	06/30/2028	Associate Professor	Peer Review Consultant Member
Lopez, Job	12/18/2020	06/30/2025	Assistant Professor	Peer Review Consultant Member
McCall, Laura-Isobel	07/01/2024	06/30/2028	Associate Professor	Peer Review Consultant Member
Medina, Scott	07/19/2023	06/30/2027	Associate Professor	Peer Review Consultant Member

Morici, Lisa	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Murdock, Courtney	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Myles, Kevin	07/01/2022	06/30/2028	Professor	Peer Review Consultant Member
Narasimhan, Balaji	07/01/2021	06/30/2025	Distinguished Professor	Peer Review Consultant Member
Nett, Jeniel	07/19/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Newton, Irene	07/01/2021	06/30/2025	Associate Professor	Peer Review Consultant Member
Niepa, Tagbo	07/01/2024	06/30/2028	Associate Professor	Peer Review Consultant Member
Nuermberger, Eric	07/01/2021	06/30/2025	Professor	Peer Review Consultant Member
Ogungbe, Ifedayo Victor	07/21/2023	06/30/2029	Associate Professor	Peer Review Consultant Member
Ojo, Kayode	07/24/2023	06/30/2029	Research Associate Professor	Peer Review Consultant Member
Osterman, Andrei	07/21/2023	06/30/2026	Professor	Peer Review Consultant Member
Palmer, Kelli	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Patras, Katy	07/18/2023	06/30/2027	Assistant Professor	Peer Review Consultant Member
Petersen, Christine	12/18/2020	06/30/2025	Professor	Peer Review Consultant Member
Pietri, Jose	07/01/2023	06/30/2027	Assistant Professor	Peer Review Consultant Member
Rao, Gauri	07/01/2022	06/30/2026	Assistant Professor	Peer Review Consultant Member
Reeder, DeeAnn	07/01/2023	06/30/2027	Professor	Peer Review Consultant Member
Riehle, Michelle	07/01/2022	06/30/2026	Assistant Professor	Peer Review Consultant Member

Riffell, Jeffrey	07/01/2022	06/30/2025	Professor	Peer Review Consultant Member
Rivera, Mario	07/01/2024	06/30/2030	Professor	Peer Review Consultant Member
Rubio, Aileen	12/18/2020	06/30/2025	Vice President	Peer Review Consultant Member
Ryan, Edward	07/01/2021	06/30/2025	Professor	Peer Review Consultant Member
Scaraffia, Patricia	12/18/2020	06/30/2026	Assistant Professor	Peer Review Consultant Member
Schmidt, Nathan	12/30/2022	06/30/2025	Associate Professor	Peer Review Consultant Member
Siryaporn, Albert	07/21/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Sokurenko, Evgeni	07/01/2024	06/30/2026	Professor	Peer Review Consultant Member
Stapleford, Kenneth	07/01/2024	06/30/2028	Assistant Professor	Peer Review Consultant Member
Su, Chih-Ying	07/01/2022	06/30/2028	Associate Professor	Peer Review Consultant Member
Su, Laura	07/01/2023	06/30/2027	Assistant Professor	Peer Review Consultant Member
Tam, Vincent	07/01/2021	06/30/2025	Professor	Peer Review Consultant Member
Tran, Tuan	07/01/2023	06/30/2027	Assistant Professor	Peer Review Consultant Member
Van Tyne, Daria	07/19/2023	06/30/2027	Assistant Professor	Peer Review Consultant Member
Verardi, Paulo	07/01/2022	06/30/2028	Associate Professor	Peer Review Consultant Member
Vidal, Jorge	07/01/2024	06/30/2030	Associate Professor	Peer Review Consultant Member
Walczak, Maciej	07/01/2024	06/30/2028	Associate Professor	Peer Review Consultant Member
Wang, Yang	08/03/2023	06/30/2027	Professor	Peer Review Consultant Member

Wang, Zhengqiang	07/01/2024	06/30/2025	Professor	Peer Review Consultant Member
Ward, Andrew	07/01/2021	06/30/2025	Professor	Peer Review Consultant Member
Winter, Jaclyn	07/19/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Wong, Pamela	07/01/2024	06/30/2028	Assistant Professor	Peer Review Consultant Member
Yamanaka, Naoki	07/01/2024	06/30/2028	Associate Professor	Peer Review Consultant Member
Zou, Xiaoqin	07/01/2024	06/30/2028	Professor	Peer Review Consultant Member
Zwiebel, Laurence	07/01/2024	06/30/2028	Professor	Peer Review Consultant Member
van Kessel, Julia	07/21/2023	06/30/2027	Associate Professor	Peer Review Consultant Member

Number of Committee Members Listed: 90

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...

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

Checked if
Applies

Improvements to health or safety



Trust in government



Major policy changes



- | | |
|---|-------------------------------------|
| 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

NA

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?

28,636

Number of Recommendations Comments

Grant Review

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

The mission of the Center for Scientific Review is to provide the funding Institutes and Centers of NIH with the scientific and technical merit of research grant applications submitted to the NIH. It is these Institutes or Centers and their advisory councils that make funding decisions. 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 funded.

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

The mission of the Center for Scientific Review is to provide the funding Institutes and Centers of NIH with the scientific and technical merit of research grant applications submitted to the NIH. It is these Institutes or Centers and their advisory councils that make funding decisions. 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 funded.

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

What is the estimated <u>Number</u> of grants recommended for approval	1,176
	1,176

What is the estimated <u>Dollar Value</u> of grants recommended for approval	\$1,494,871,568
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Grant Review Comments

Grant Review

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

Checked if Applies

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



Access Comments

N/A