2024 Current Fiscal Year Report: National Institute of Neurological Disorders and Stroke Initial Review Group

Report Run Date: 04/20/2024 12:02:04 PM

1. Department or Agency	2. Fiscal Year
Department of Health and Human Services	2024

3. Committee or Subcommittee	3b. GSA Committee No.
National Institute of Neurological Disorders and Stroke Initial Review Group	112

4. Is this New During Fiscal Year?	5. Current Charter	6. Expected Renewal Date	7. Expected Term Date
No	06/01/1986		

8a. Was Terminated During FiscalYear?	8b. Specific Termination Authority	8c. Actual Term Date
No		

9. Agency Recommendation for Next FiscalYear	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. Commitee 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 FiscalYear

17a. Open	17b. Closed	17c. Partially Closed	Other Activities	17d. Total
0	0	0	0	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?

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/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 in the area of neurological disorders and stroke. During this reporting period the

committee reviewed 160 applications requesting $333,662,266 in total direct costs for all years.

20b. How does the Committee balance its membership?

The members are outstanding medical or scientific authorities in academic medicine, basic research, and clinical sciences in neurological disorders such as stroke, epilepsy, multiple sclerosis, amyotrophic lateral sclerosis, Parkinsonism, and head and spinal cord trauma.

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

The committee held 9 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 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. These evaluations and recommendations cannot be obtained from other sources because the specialized, complex nature of the applications require 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

Reports: This committee did not produce any public reports during the fiscal year. Website: This committee does not have a public website. Members: Current members E. Klein and M. Mokin were reappointed with terms ending 6/30/2026. P. Brundin was reassigned as chair for the remainder of his term. L. Shihabuddin resigned early on 6/29/2020, but was inadvertently reported as a standing member on the 2021 and 2022 reports. She has been removed from this report. A new study section, NSD-D, was added to this committee during this reporting period. The Designated Federal Officer (DFO) and Committee Decision Maker positions are both held by W. Ernest Lyons, Ph.D. He is the Chief, Scientific Review Branch, Division of Extramural Activities, NINDS. As Branch Chief, he is responsible for overseeing the Scientific Review Officers who administer the Initial Review Group meetings. Due to the large number of members associated with this committee, NIH staff are unable to provide individual zip codes for all members. 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

W. ERNEST LYONS CHIEF, SCIENTIFIC REVIEW BRANCH

Committee Members	Start	End	Occupation	Member Designation
Al-Ali, Hassan	08/25/2022	06/30/2026	Research Assistant Professor	Peer Review Consultant Member
Andjelkovic-Zochowska, Anuska	09/28/2021	06/30/2025	Associate Professor	Peer Review Consultant Member
Angelucci, Alessandra	08/09/2023	06/30/2027	Professor	Peer Review Consultant Member
Assad, John	08/09/2023	06/30/2028	Professor	Peer Review Consultant Member
Augelli-Szafran, Corinne	10/19/2019	06/30/2025	Vice President, Scientific Platforms	Peer Review Consultant Member
Bang, Anne	07/01/2023	06/30/2027	Director, Cell Biology	Peer Review Consultant Member
Baratta, Michael	10/07/2020	06/30/2024	Scientific Director	Peer Review Consultant Member
Barmada, Sami	10/08/2020	06/30/2024	Associate Professor	Peer Review Consultant Member
Bassell, Gary	07/01/2023	06/30/2027	Professor and Chair	Peer Review Consultant Member
Ben-Haim, Sharona	07/01/2023	06/30/2029	Assistant Professor	Peer Review Consultant Member
Brundin, Patrik	08/24/2018	06/30/2024	Associate Research Director	Peer Review Consultant Member
Cabrera, Laura	12/09/2020	06/30/2025	Associate Professor	Peer Review Consultant Member
Chadwick, Andrea	07/19/2021	06/30/2027	Associate Professor	Peer Review Consultant Member

Cohen, Adam	08/24/2023	06/30/2029	Professor	Peer Review Consultant Member
Creighton, Francis	12/09/2020	06/30/2026	President And Founder	Peer Review Consultant Member
Cui, Xinyan	08/09/2023	06/30/2027	Professor	Peer Review Consultant Member
Dodd, Rebecca	08/25/2022	06/30/2026	Assistant Professor	Peer Review Consultant Member
Ghosh, Chaitali	09/28/2021	06/30/2025	Associate Professor & Staff Scientist	Peer Review Consultant Member
Gibson, Emily	08/09/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Green, Ari	10/29/2020	06/30/2024	Chief, Division of Neuroinflammation and Glial Biology	Peer Review Consultant Member
Grill, Warren	08/09/2023	06/30/2029	Professor	Peer Review Consultant Member
Harper, Scott	10/29/2020	06/30/2024	Professor	Peer Review Consultant Member
Hastings, Michelle	07/01/2023	06/30/2027	Professor, Cell Biology and Anatomy	Peer Review Consultant Member
Hennessie, Bradley	12/10/2020	06/30/2026	CEO and Co-Founder	Peer Review Consultant Member
Hochgeschwender, Ute	08/09/2023	06/30/2028	Professor of Neuroscience	Peer Review Consultant Member
Hughes, Thomas	08/13/2023	06/30/2028	Chief Scientific Officer	Peer Review Consultant Member
Jacobsen, J	12/04/2020	06/30/2024	Chief Executive Officer	Peer Review Consultant Member
Jha, Ruchira	07/07/2022	06/30/2028	Associate Professor	Peer Review Consultant Member
Jobst, Barbara	12/11/2020	06/30/2026	Louis and Ruth Frank Chair of Neurosciences	Peer Review Consultant Member
Kaur, Balveen	11/07/2018	06/30/2024	Professor	Peer Review Consultant Member
Khurana, Tejvir	08/01/2021	06/30/2025	Professor	Peer Review Consultant Member

Kochanek, Patrick	08/25/2022	06/30/2026	Professor and Vice Chair	Peer Review Consultant Member
Korley, Frederick	11/05/2019	06/30/2025	Associate Professor, Emergency Medicine	Peer Review Consultant Member
Lucas, Timothy	07/28/2021	06/30/2027	Professor	Peer Review Consultant Member
Lujan, Luis	12/09/2020	06/30/2026	Associate Professor	Peer Review Consultant Member
Lundstrom, Brian	08/26/2022	06/30/2026	Assistant Professor	Peer Review Consultant Member
Maegawa, Gustavo	08/15/2018	06/30/2024	Associate Professor	Peer Review Consultant Member
McCown, Thomas	11/17/2020	06/30/2024	Research Professor	Peer Review Consultant Member
Meng, Ellis	08/09/2023	06/30/2028	Professor	Peer Review Consultant Member
Moritz, Chet	12/09/2020	06/30/2025	Associate Professor	Peer Review Consultant Member
Mourad, Pierre	01/11/2021	06/30/2025	Professor	Peer Review Consultant Member
Moxon, Karen	08/23/2023	06/30/2028	Professor	Peer Review Consultant Member
Natarajan, Ananth	12/26/2020	06/30/2025	Founder & Chairman, Board of Advisors	Peer Review Consultant Member
Nielson, Jessica	09/30/2021	06/30/2025	Assistant Professor	Peer Review Consultant Member
Opal, Puneet	07/01/2023	06/30/2029	Professor	Peer Review Consultant Member
Pan, Hui-Lin	11/09/2018	06/30/2024	Helen T. Hawkins Distinguished Professor	Peer Review Consultant Member
Panagos, Peter	11/17/2020	06/30/2024	Professor	Peer Review Consultant Member
Patil, Parag	12/15/2020	06/30/2026	Associate Professor	Peer Review Consultant Member
Patwardhan, Amol	11/18/2020	06/30/2026	Associate Professor	Peer Review Consultant Member

Peixoto, Nathalia	08/10/2023	06/30/2029	Associate Professor	Peer Review Consultant Member
Peterka, Darcy	08/09/2023	06/30/2029	Senior Scientist and Scientific Director of Cellular Imaging	Peer Review Consultant Member
Pikov, Victor	12/10/2020	06/30/2026	CEO	Peer Review Consultant Member
Poston, Kathleen	10/07/2020	06/30/2024	Associate Professor	Peer Review Consultant Member
Pouratian, Nader	12/11/2020	06/30/2025	Professor and Chair	Peer Review Consultant Member
Ray, William	07/29/2022	06/30/2026	Director of Central Nervous System Research	Peer Review Consultant Member
Rieth, Loren	08/09/2023	06/30/2028	Associate Professor	Peer Review Consultant Member
Royal, Walter	10/07/2020	06/30/2024	Professor and Chair	Peer Review Consultant Member
Sang, Christine	10/04/2021	06/30/2025	Associate Professor	Peer Review Consultant Member
Schevon, Catherine	12/20/2020	06/30/2024	Associate Professor	Peer Review Consultant Member
Shapiro, Mikhail	08/10/2023	06/30/2029	Professor of Chemical Engineering	Peer Review Consultant Member
Sherman, Larry	11/17/2020	06/30/2026	Professor	Peer Review Consultant Member
Shi, Yanhong	10/18/2019	06/30/2025	Professor	Peer Review Consultant Member
Silverman, Jill	07/01/2023	06/30/2027	Professor	Peer Review Consultant Member
Smith, Spencer	08/09/2023	06/30/2029	Associate Professor	Peer Review Consultant Member
Stewart, Tessandra	08/03/2021	06/30/2025	Acting Assistant Professor	Peer Review Consultant Member
TIMCHENKO, Lubov	07/30/2021	06/30/2025	Professor	Peer Review Consultant Member
Vavilala, Monica	11/21/2020	06/30/2024	Professor	Peer Review Consultant Member

Vlasov, Yurii	08/23/2023	06/30/2027	Founder Professor of Engineering	Peer Review Consultant Member
Walker, Harrison	12/29/2020	06/30/2025	Professor	Peer Review Consultant Member
Weber, Douglas	08/09/2023	06/30/2029	Professor	Peer Review Consultant Member
Wexler, Anna	07/07/2022	06/30/2028	Assistant Professor	Peer Review Consultant Member
Witte, Russell	08/23/2023	06/30/2027	Professor	Peer Review Consultant Member
Wu, Ona	11/17/2020	06/30/2026	Associate Professor	Peer Review Consultant Member
Xie, Sharon	07/01/2021	06/30/2025	Professor of Biostatistics	Peer Review Consultant Member
Yazdan Shahmorad, Azadeh	08/15/2023	06/30/2027	Assistant Professor	Peer Review Consultant Member

Number of Committee Members Listed: 75

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. 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/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 in the area of neurological disorders and stroke. The committee is meeting its mission to provide high-quality, unbiased, and timely scientific reviews of research grant applications.

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	✓
Effective grant making	✓
Improved service delivery	☐
Increased customer satisfaction	☐
Implementation of laws or regulatory requirements	☐
Other	☐

Outcome Comments

The recommendations of this committee are the major basis for NINDS decisions about how to select a subset of highly qualified grant applications for funding.

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 be translated 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?

5,077

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
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.

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

The recommendations of this committee are a major basis for NINDS decisions about how to select a subset of highly qualified grant applications for funding.

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

Yes

What is the estimated **Number** of grants reviewed for approval	160
What is the estimated **Number** of grants recommended for approval	160
What is the estimated **Dollar Value** of grants recommended for approval	$333,662,266

Grant Review Comments

These numbers reflect the total number of applications considered (both scored and not discussed) and the dollar amount requested. The committee also provides numerical ratings to indicate the relative merit of the applications that are discussed.

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

N/A