

# 2024 Current Fiscal Year Report: Emerging Technologies and Training Neurosciences Integrated Review Group

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<b>1. Department or Agency</b>		<b>2. Fiscal Year</b>	
Department of Health and Human Services		2024	
<b>3. Committee or Subcommittee</b>		<b>3b. GSA Committee No.</b>	
Emerging Technologies and Training Neurosciences Integrated Review Group		33742	
<b>4. Is this New Fiscal Year?</b>	<b>5. Current Charter</b>	<b>6. Expected Renewal Date</b>	<b>7. Expected Term Date</b>
No	12/03/2007		
<b>8a. Was Terminated During Fiscal Year?</b>	<b>8b. Specific Termination Authority</b>		<b>8c. Actual Term Date</b>
No			
<b>9. Agency Recommendation for Next Fiscal Year</b>	<b>10a. Legislation Req to Terminate?</b>	<b>10b. Legislation Pending?</b>	
Continue	Not Applicable	Not Applicable	
<b>11. Establishment Authority</b> Authorized by Law			
<b>12. Specific Establishment Authority</b>	<b>13. Effective Date</b>	<b>14. Committee Type</b>	<b>14c. Presidential?</b>
42 USC 282(b)(16)	11/20/1985	Continuing	No
<b>15. Description of Committee</b> Grant Review Committee			
<b>16a. Total Number of Reports</b>	No Reports for this Fiscal Year		
<b>17a. Open</b>	<b>17b. Closed</b>	<b>17c. Partially Closed</b>	<b>Other Activities</b>
0	0	0	0
<b>17d. Total</b>			
0			
<b>Meetings and Dates</b>			
No Meetings			

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

**20a. How does the Committee accomplish its purpose?**

Section 492 of the PHS Acts 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 research 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 crosscutting technologies that serve all of the neurosciences, including neuroinformatic and imaging and molecular neurogenetics; crosscutting emerging science in small business area for all of the neurosciences; and the training areas for all of the neurosciences. During this reporting period the committee reviewed 466 applications requesting \$733,972,219.00 .

**20b. How does the Committee balance its membership?**

The committee is composed of members who are authorities knowledgeable in the various disciplines and fields relating to crosscutting technologies that serve all of the neurosciences, including neuroinformatic and imaging and molecular neurogenetics; crosscutting emerging science in small business area for all of the neurosciences; and the training areas for all of the neurosciences.

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

The committee held 6 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. 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. The following member terms ended early: Dawen Cai (08/16/2023), Sarathchandra Janga (10/25/2022) and Yingxi Lin (08/16/2023). Dr. Erin Purcell's role changed to chairperson during the fiscal year. Dr. Erin Purcell was reappointed during the fiscal year. 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. Zip Codes: Due to the large number of members associated with this committee, NIH staff are unable to provide

individual zip codes for all members. Current individual meeting rosters, including zip codes, are available online at <https://public.csr.nih.gov/IRGs#ETTN>. 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**

DELIA OLUFOKUNBI SAM DIRECTOR,  
DIVISION OF NEUROSCIENCE,  
DEVELOPMENT AND AGING

<b>Committee Members</b>	<b>Start</b>	<b>End</b>	<b>Occupation</b>	<b>Member Designation</b>
Aronson, Joshua	07/01/2023	06/30/2027	Director of Epilepsy Surgery and Stereotactic Neurosurgeon	Peer Review Consultant Member
Asaad, Wael	07/15/2020	06/30/2024	Associate Professor	Peer Review Consultant Member
Benitez, Bruno	07/01/2023	06/30/2027	Assistant Professor	Peer Review Consultant Member
Bibb, James	07/01/2022	06/30/2026	Professor and Vice Chair of Research	Peer Review Consultant Member
Blue, Elizabeth	07/01/2021	06/30/2025	Associate Professor	Peer Review Consultant Member

Chien, Aichi	07/01/2023	06/30/2026	Professor	Peer Review Consultant Member
Ertekin-Taner, Nilufer	07/30/2020	06/30/2024	Professor	Peer Review Consultant Member
Franco, Santos	07/23/2021	06/30/2025	Associate Professor	Peer Review Consultant Member
Gilbert, Ryan	07/15/2020	06/30/2024	Professor	Peer Review Consultant Member
Gillis, Jesse	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Harris, Carolyn	07/01/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Hashemi, Parastoo	07/01/2021	06/30/2025	Associate Professor	Peer Review Consultant Member
Hays, Seth	07/01/2021	06/30/2025	Associate Professor	Peer Review Consultant Member
Irazoqui, Pedro	07/01/2023	06/30/2027	Professor	Peer Review Consultant Member
Karumbaiah, Lohitash	07/01/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Kellis, Manolis	07/01/2021	06/30/2025	Professor	Peer Review Consultant Member
Kippin, Tod	07/01/2023	06/30/2026	Professor	Peer Review Consultant Member
Konopka, Genevieve	07/01/2023	06/30/2027	Professor	Peer Review Consultant Member
Lazzi, Gianluca	07/01/2021	06/30/2025	Provost Professor	Peer Review Consultant Member
Lippmann, Ethan	07/01/2022	06/30/2026	Assistant Professor	Peer Review Consultant Member
Lujan, Luis	07/15/2020	06/30/2024	Associate Professor	Peer Review Consultant Member
Maze, Ian	07/30/2020	06/30/2024	Associate Professor	Peer Review Consultant Member
Nord, Alexander	07/15/2021	06/30/2024	Associate Professor	Peer Review Consultant Member

Parr, Ann	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Plant, Giles	07/20/2020	06/30/2024	Associate Professor	Peer Review Consultant Member
Purcell, Erin	07/15/2020	06/30/2025	Assistant Professor	Peer Review Consultant Member
Riley, Brien	07/09/2021	06/30/2025	Professor	Peer Review Consultant Member
Sattler, Rita	07/01/2022	06/30/2026	Professor	Peer Review Consultant Member
Schaffer, Ashleigh	07/01/2023	06/30/2027	Assistant Professor	Peer Review Consultant Member
Seidlits, Stephanie	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Silva, Afonso	07/01/2022	06/30/2026	Professor	Peer Review Consultant Member
Spitale, Robert	10/13/2020	06/30/2024	Associate Professor	Peer Review Consultant Member
Sun, Dong	07/01/2021	06/30/2025	Professor	Peer Review Consultant Member
Sun, Shuying	07/01/2022	06/30/2026	Associate Professor	Peer Review Consultant Member
Tsai, Nien-Pei	07/30/2020	06/30/2024	Associate Professor	Peer Review Consultant Member
Villapol, Sonia	07/30/2020	06/30/2024	Assistant Professor	Peer Review Consultant Member
Vitale, Flavia	07/01/2023	06/30/2027	Assistant Professor	Peer Review Consultant Member
Vogel, Christine	07/01/2022	06/30/2026	Associate Professor of Biology	Peer Review Consultant Member
Wood, Matthew	07/01/2023	06/30/2027	Associate Professor	Peer Review Consultant Member
Yoo, Andrew	07/01/2021	06/30/2025	Associate Professor	Peer Review Consultant Member
Zhang, Chaolin	07/01/2023	06/30/2027	Associate Professor	Peer Review Consultant Member

**Number of Committee Members Listed: 41**

**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 be 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	<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 checked="" 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?**

9,543

### **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 466

What is the estimated Number of grants recommended for approval 466

What is the estimated Dollar Value of grants recommended for approval \$733,972,219

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

**Access Comments**

NA