

2023 Current Fiscal Year Report: National Advisory Board on Medical Rehabilitation Research

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1. Department or Agency

Department of Health and Human Services

2. Fiscal Year

2023

3. Committee or Subcommittee

National Advisory Board on Medical
Rehabilitation Research

3b. GSA

Committee No.

142

4. Is this New Fiscal Year?

No

5. Current Charter

02/19/2023

6. Expected Renewal Date

02/19/2025

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 U.S.C. 285g-4,
section 452

13. Effective Date

11/16/1990

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee Scientific Technical Program Advisory Board

16a. Total Number of Reports

No Reports for
this Fiscal Year

17a. Open

2

17b. Closed

0

17c. Partially Closed

0

Other Activities

0

17d. Total

2

Meetings and Dates

Purpose

Program Advisory and/or Policy

Program Advisory and/or Policy

Start

12/05/2022

05/01/2023

End

- 12/06/2022

- 05/02/2023

Number of Committee Meetings Listed: 2

	Current FY	Next FY
18a(1). Personnel		
Pmts to Non-Federal Members	\$10,000.00	\$14,400.00
18a(2). Personnel		
Pmts to Federal Members	\$23,917.00	\$33,765.00
18a(3). Personnel		
Pmts to Federal Staff	\$118,263.00	\$124,412.00
18a(4). Personnel		
Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$7,300.00	\$18,199.00
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.)	\$3,695.00	\$3,732.00
18d. Total	\$163,175.00	\$194,508.00
19. Federal Staff Support Years (FTE)	0.80	0.80

20a. How does the Committee accomplish its purpose?

This Board interacts with the National Center for Medical Rehabilitation Research (NCMRR) Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) to advise the Center and the Institute as a whole on research

opportunities, health needs, and other aspects of medical rehabilitation. The Board is composed of highly qualified scientific and public members who represent many aspects of medical rehabilitation research, health policy, and support for individuals with chronic disabilities. Agendas for these meetings are carefully planned to maximize Board participation and constructive dialogue with NCMRR staff, ex officio members, and other interested parties. The Board has a specific role in providing concept clearance for upcoming NCMRR research initiatives and reviewing the implementation of the NCMRR research plan. The Board assisted the Center in identifying new research opportunities as part of its periodic Report to the Institute Council, which occurs every few years. The Board also has a major role in providing input to the NIH Research Plan for Rehabilitation Research and the NIH Rehabilitation Research Conference, which is updated approximately every five years.

20b. How does the Committee balance its membership?

The National Advisory Board on Medical Rehabilitation Research is composed of 18 appointed members and 12 ex-officio members for a total of 30 members. Twelve members are representatives of health and scientific disciplines with respect to medical rehabilitation. Six members are representatives in the interest of individuals undergoing, or in the need of, medical rehabilitation. In addition to the balance of expertise and health perspectives, the board maintains diversity with respect to ethnicity, gender, geography, and inclusion of persons with disabilities. The ex-officio members include: The Director, National Center for Medical Rehabilitation Research; The Director, Eunice

Kennedy Shriver National Institute of Child Health and Human Development; The Director, National Institute on Aging; The Director, National Institute of Arthritis and Musculoskeletal and Skin Diseases; The Director, National Institute on Deafness and Other Communication Disorders; The Director, National Heart, Lung, and Blood Institute; The Director, National Institute of Neurological Disorders and Stroke; The Director, National Institute on Disability, Independent Living and Rehabilitation Research (formerly National Institute on Disability and Rehabilitation Research), U.S. Department of Health and Human Services; The Director, Division of Program Coordination, Planning, and Strategic Initiatives, Office of the Director, National Institutes of Health; The Commissioner for Rehabilitation Services Administration, U.S. Department of Education; The Assistant Secretary of Defense for Health Affairs; and The Deputy Undersecretary for Health of the Department of Veterans Affairs.

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

The Board met twice during this reporting period on the following dates: December 5-6, 2022, and May 1-2, 2023, but because of COVID these meetings were shifted to a virtual and hybrid format, which also translated to a more abbreviated meeting. Agenda items are developed by NCMRR staff in conjunction with input from the Board to focus on topics that are particularly timely in the field of medical rehabilitation and relevant to improving the lives of people with disabilities. The agenda is a mix of informational and discussion sessions that often draw on the particular expertise and experiences of the Board members themselves with invited participants as needed. Minutes from each meeting are distributed to

Board members and posted on the NCMRR website to invite further input from the rehabilitation community and general public.

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

The Board is composed of recognized research authorities and leading advocates in the health care community. Because of the broad multidisciplinary nature of medical rehabilitation research and the convergence of biomedical, behavioral, psychosocial, and policy issues, recommendations could not be derived from individual sources in the biomedical or health community. Moreover, this information represents the integration of several viewpoints and balance among research and service priorities. The special nature of these deliberations and consensus of opinion could not be derived from individual interactions of other professional groups, nor developed by NIH staff alone.

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

N/A

21. Remarks

Committee Reports: This committee did not produce any public reports. Members: Newly appointed members Steven Keteyian, Kris Tjaden, Lewis Wheaton, Kathleen Zackowski, Flora Hammond, Michelle Johnson, and Barbara Bregman were added to the Annual Report. The following members were inadvertently not added to the 2022 ACR: Abiodun Akinwuntan, Cheri Blauwet, Dawn Ehde, Robert Sainburg and Francisco Valero-Cuevas. The start date for Jose Contreras-Vidal was incorrectly listed as 7/4/2021 in the 2022 ACR and has been updated to

11/7/2021 as the correct actual start date. Eric Perreault Chair membership term end date was incorrectly listed as 5/21/23 in the 2022 ACR and has been updated to 6/30/2023 as the correct actual end date. Ex Officio Members: Diana Bianchi, Daofen Chen, Theresa Cruz, Patricia Dorn, Jerome Fleg, Anjali Forber-Pratt, Lyndon Joseph, Lana Shekim, Christopher Steele and Charles Washabaugh have been reappointed to serve and their terms have been updated. Lyndon Joseph's zip code was listed incorrectly in the last ACR as 20893 and has been updated to the correct zip code (20892). James Anderson (7/1/2019-6/30/2023) retired from the Federal Government on 6/30/2022 and was replaced by Robert Eisinger (7/1/2022-6/30/2024). The 2022 ACR was inadvertently not updated with this information. Mary Lovley (7/1/2017-2/25/2022) has been replaced by Edward Vitelli (2/26/2022 – 6/30/2024). The 2022 ACR was inadvertently not updated with this information.

Designated Federal Officer

RALPH M NITKIN DEPUTY DIRECTOR, NCMRR

Committee Members	Start	End	Occupation	Member Designation
AKINWUNTAN, ABIODUN	12/05/2021	06/30/2023	PROFESSOR AND DEAN, KANSAS UNIVERSITY	Special Government Employee (SGE)
			MEDICAL CENTER, KANSAS UNIVERSITY	Member
BIANCHI, DIANA	07/01/2017	06/30/2025	DIRECTOR, EUNICE KENNEDY SHRIVER NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT, NIH	Ex Officio Member
			ASSISTANT PROFESSOR, HARVARD MEDICAL SCHOOL	Special Government Employee (SGE)
BLAUWET, CHERI	12/05/2021	06/30/2024		Member

BREGMAN, BARBARA	11/29/2022	06/30/2025	PROFESSOR, GEORGETOWN UNIVERSITY MEDICAL CENTER	Special Government Employee (SGE) Member
CHEN, DAOFEN	07/01/2019	06/30/2025	PROGRAM DIRECTOR, SYSTEMS AND COGNITIVE NEUROSCIENCE CLUSTER, NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE, NIH HUGH ROY AND LILLIE CRANZ CULLEN	Ex Officio Member
CONTRERAS-VIDAL, JOSE	11/07/2021	06/30/2025	DISTINGUISHED PROFESSOR AND DIRECTOR, BRAIN CENTER, UNIVERSITY OF HOUSTON DIRECTOR, NATIONAL CENTER FOR MEDICAL REHABILITATION RESEARCH, EUNICE KENNEDY SHRIVER	Special Government Employee (SGE) Member
CRUZ, THERESA	07/01/2021	06/30/2025	NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT, NIH	Ex Officio Member
DELUCA, STEPHANIE	02/28/2021	06/30/2023	ASSOCIATE PROFESSOR, VIRGINIA TECH CARILION RESEARCH INSTITUTE	Special Government Employee (SGE) Member
DORN, PATRICA	07/01/2019	06/30/2025	DIRECTOR, REHABILITATION RESEARCH AND DEVELOPMENT, VA	Ex Officio Member
EHDE, DAWN	04/10/2022	06/30/2025	PROFESSOR, UNIVERSITY OF WASHINGTON	Special Government Employee (SGE) Member

EISINGER, ROBERT	07/01/2022	06/30/2024	ACTING DIRECTOR, DIVISION OF PROGRAM COORDINATION, PLANNING, AND STRATEGIC INITIATIVES (DPCPSI), OFFICE OF THE DIRECTOR, NIH PROGRAM OFFICER, ATHEROSCLEROSIS AND CORONARY ARTERY DISEASE BRANCH, NATIONAL HEART, LUNG, AND BLOOD INSTITUTE, NIH	Ex Officio Member
FLEG, JEROME	07/01/2019	06/30/2025	DIRECTOR, INDEPENDENT LIVING AND REHABILITATION RESEARCH, NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH, NIH	Ex Officio Member
FORBER-PRATT, ANJALI	07/01/2021	06/30/2025	PROFESSOR, UNIVERSITY OF INDIANA	Ex Officio Member
HAMMOND, FLORA	04/09/2023	06/30/2024	ASSOCIATE DIRECTOR, UNIVERSITY OF PENNSYLVANIA	Special Government Employee (SGE) Member
JOHNSON, MICHELLE	04/23/2023	06/30/2025	HEALTH SCIENCE ADMINISTRATOR, NATIONAL INSTITUTE ON AGING, NIH	Special Government Employee (SGE) Member
JOSEPH, LYNDON	07/01/2019	06/30/2025	DIRECTOR, PREVENTIVE CARDIOLOGY UNIT, HENRY FORD HOSPITAL MEDICAL GROUP	Ex Officio Member
KETEVIAN, STEVEN	04/09/2023	06/30/2026	Professor and Chair, Northwestern University	Special Government Employee (SGE) Member
PERREAULT, ERIC	07/01/2019	06/30/2023		

SAINBURG, ROBERT	04/24/2022	06/30/2025	PROFESSOR, PENNSYLVANIA STATE UNIVERSITY	Special Government Employee (SGE) Member
SHEKIM, LANA	07/01/2019	06/30/2025	DIRECTOR, DIVISION OF SCIENTIFIC PROGRAM, NATIONAL INSTITUTE ON DEAFNESS & OTHER COMMUNICATION DISORDERS, NIH	Ex Officio Member
SHRADER, MICHAEL	04/25/2021	06/30/2024	DIVISION CHIEF, NEMOURS ALFRED I. DUPONT HOSPITAL FOR CHILDREN	Special Government Employee (SGE) Member
STEELE, CHRISTOPHER	07/01/2021	06/30/2025	DIRECTOR, MILITARY OPERATIONAL MEDICINE RESEARCH PROGRAM, MEDICAL RESEARCH AND DEVELOPMENT COMMAND, UNITED STATES ARMY, DEPARTMENT OF DEFENSE	Ex Officio Member
TJADEN, KRIS	02/12/2023	06/30/2026	PROFESSOR AND ASSOCIATED DEAN, SUNY BUFFALO STATE UNIVERSITY	Special Government Employee (SGE) Member
VALERO-CUEVAS, FRANCISCO	11/07/2021	06/30/2025	PROFESSOR, UNIVERSITY OF SOUTHERN CALIFORNIA	Special Government Employee (SGE) Member
VITELLI, EDWARD	02/26/2022	06/30/2024	CHIEF, OFFICE OF SPECIAL EDUCATION AND REHABILITATIVE SERVICES, REHABILITATION SERVICES ADMINISTRATION	Ex Officio Member

WASHABAUGH, CHARLES	07/01/2019	06/30/2025	DIRECTOR, NATIONAL INSTITUTE OF ARTHRITIS AND MUSCULOSKELETAL AND SKIN DISEASES, NIH	Ex Officio Member
WHEATON, LEWIS	11/20/2022	06/30/2026	ASSOCIATE PROFESSOR, GEORGIA INSTITUTE OF TECHNOLOGY	Special Government Employee (SGE) Member
ZACKOWSKI, KATHLEEN	12/04/2022	06/30/2026	SENIOR DIRECTOR, THE NATIONAL MULTIPLE SCLEROSIS SOCIETY	Special Government Employee (SGE) Member

Number of Committee Members Listed: 28

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: conducting research in its own laboratories; supporting the research of non-Federal scientists in universities, medical schools, hospitals, and research institutions throughout the country and abroad; helping in the training of research investigators; and fostering communication of medical and health sciences information. The Board advises the Director, NIH, the Director, NICHD, and the Director, NCMRR, on matters and policies relating to NCMRR's medical rehabilitation research and training programs. The Board will review and assess Federal research priorities, activities, and findings regarding medical rehabilitation research and will advise on the provisions of the statute-required comprehensive research plan for the conduct, support, and coordination of medical rehabilitation.

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	<input type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input checked="" 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?

554

Number of Recommendations Comments

The December 2022 NABMRR meeting was held in a two-day virtual format. The Board received an update on the NIH Advisory Committee to the Director with respect to the Working Group on Diversity and the inclusion of people with disabilities. The Board received the annual update on the NIH Rehabilitation Research plan and discussed additional strategies for supporting student research projects and broader strategies for

early career development. The Board was updated on Institute plans to enhance diversity within the NICHD, broaden perspectives with the research communities, and address health disparities. The Research Infrastructure Working Group reported back to the Board highlighting six research opportunities and received some additional input from the Board. There was a discussion on incorporating stakeholder engagement and the lived experience into medical research including strategies to improve communication and sustained collaborations. The Board heard a scientific talk about the use of virtual reality to improve treatment of neurological conditions. The Board discussed opportunities to improve collaborations among NCMRR, NIH, and the National Institute for Disability, Independent Living, and Rehabilitation Research (NIDILRR), with a particular focus on dissemination and knowledge translation. The Board was updated on the reorganization of the broader NICHD and the functioning of the Institute Advisory Council and the updated NIH Data Management and Sharing Plan. The Board received an update on Rehabilitation as part of Global Health and World Disability Day, which spurred discussion about research opportunities in other countries. The meeting concluded with a presentation on telerehabilitation to broaden access to healthcare, improve outcomes, and address health disparities. The Board made a total of 25 recommendations. The May 2023 NABMRR meeting was held in a two-day hybrid format. The Board received updates about the NCMRR and the NICHD in general. The Board viewed the steady and strategic increase in funding for rehabilitation research. The Board heard about a key NIH conference on ableism in medicine and clinical research and discussed the inclusion of personal goals and resources in the context of clinical management. The Board also got some background on a recent conference on the use of computer modeling in the context of neurorehabilitation and possible strategies for personalizing treatments and improving outcomes. The Board heard a scientific talk on strategies to treat children with developmental disorders and discussed opportunities for early diagnosis and promoting neuroplasticity. A second scientific presentation was delivered on musculoskeletal rehabilitation to improve shoulder function. The Board heard a presentation from the National Science Foundation that highlighted its support for rehabilitation engineering and collaborations with the NIH. This led to a discussion on promoting cross-training of engineers and support of scalable solutions. The Board was updated by the Center for Scientific Review on proposed changes to the peer-review process at the NIH. This led to discussions on how to reduce administrative burdens on applicants, improve research integrity, and reward innovation. The Board heard three integrated presentations on promoting knowledge translation, incorporating new technologies, and improving stakeholder engagement. Finally, the Board approved a concept to renew support of rehabilitation research infrastructure, which led to discussions of supporting new investigators and promoting geographical diversity. The Board made a total of 18 recommendations.

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

Due to the complexity of the recommendations made by this committee on policy and program areas, staff is unable to determine which recommendations have been fully or partially implemented solely in response to this committee's activities.

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

Due to the complexity of the recommendations made by this committee on policy and program areas, staff is unable to determine which recommendations have been fully or partially implemented solely in response to this committee's activities.

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

Meeting minutes, written documentation, oral presentations and feedback surveys. Minutes from each meeting are distributed to Board members and posted on the NCMRR website to invite further input from the rehabilitation community and general public.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities	<input checked="" type="checkbox"/>
Reallocated resources	<input checked="" type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

Due to the complexity of the recommendations made by this committee on policy and program areas, staff is unable to determine which recommendations have been fully or partially implemented solely in response to this committee's activities.

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

No

Grant Review Comments

NA

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

IC CMO: Lisa Neal, NICHD Committee Management Officer; contact information:
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