

2024 Current Fiscal Year Report: Board of Scientific Counselors, National Cancer Institute

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1. Department or Agency

Department of Health and Human
Services

2. Fiscal Year

2024

3. Committee or Subcommittee

Board of Scientific Counselors, National
Cancer Institute

3b. GSA

Committee No.

86

4. Is this New During Fiscal Year?

No

5. Current Charter

09/30/1994

6. Expected Renewal Date

7. Expected Term Date

8a. Was Terminated During FiscalYear?

No

8b. Specific Termination Authority

8c. Actual Term Date

9. Agency

Recommendation for Next FiscalYear

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. 284(c)(3)

13. Effective Date

11/04/1988

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee Other Committee

16a. Total

Number of Reports

No Reports for
this FiscalYear

17a.

Open

0

17b. Closed0

17c. Partially Closed0

Other Activities0

17d. Total0

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. 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?

This committee is composed of recognized biomedical and/or behavioral research authorities who represent the forefront of research and technical knowledge and who provide evaluation and peer review of Institute laboratories and staff scientists in the Center for Cancer Research and the Division of Cancer Epidemiology and Genetics.

20b. How does the Committee balance its membership?

The Board consists of up to 55 members, including Co-Chairs, appointed by the Director, NCI, from authorities knowledgeable in the fields of laboratory, clinical and biometric research;

clinical cancer treatment; cancer etiology; cancer prevention and control with emphasis on training and experience in the various disciplines and fields related to scientific areas relevant to carcinogenesis; cancer biology and diagnosis; cancer center administration; medicine; radiological and surgical oncology; chemotherapy; cancer epidemiology, genetics, genomics, and related areas; cancer education; cancer information services; community outreach; biological, chemical and physical carcinogenesis; DNA repair; tumor biology and immunology; humoral and cellular immunity; hematopoiesis; cell differentiation and transformation; oncogenes and growth factors; molecular and structural biology; genetic regulation; cell signaling; viral oncology; vaccine development; transplantation; clinical trial design, management and evaluation; pharmacology; drug development and developmental therapeutics; proteomics; genetic and immunotherapies; pathology; diagnostic research and cytogenetics; biological response modifiers; imaging; nutrition; survey research; epidemiology; biostatistics; statistics; rehabilitation; psychology and behavioral medicine; public health and community oncology; quality of life; pain management; cancer detection and diagnosis; cancer treatment and restorative care; dentistry; nursing; public health; education of health professionals; medical oncology; surgery; radiotherapy; gynecologic oncology; and pediatric oncology.

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

The Board meets approximately three times each fiscal year. The Board met on November 7-8, 2022, March 6, 2023, and July 10-11, 2023 for the overall program review of all Laboratories and

Branches. Special site visit teams met 10 times to review and evaluate the program of individual laboratories and branches and advise on budget, staffing, and program strengths and weaknesses. Site Visit Dates: 11/8-10/2022, 11/14-16/2022, 3/1-2/2023, 4/4/2023, 4/27-28/2023, 5/8-10/2023, 6/14-16/2023, 6/26-28/2023, 6/28-30/2023, and 9/13-15/2023.

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

This Board is composed of recognized biomedical and behavioral research authorities from outside the NIH in order to secure unbiased and objective evaluations of intramural research programs. Their recommendations are invaluable because the complex nature of research in each laboratory requires a unique balance and breadth of expertise not available at NIH or from other established sources. This advice is essential for effective management of this Institute's intramural research programs.

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

The meetings of this Board were either closed or partially closed to the public for the review, discussion, and evaluation of individual programs and projects conducted by the Divisions including consideration of personnel qualifications and performance, the competence of individual investigators, and similar items, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy. Section 552b(c)(6) of the Government in the Sunshine Act permits the closing of meetings where discussions could reveal personal information, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

21. Remarks

Committee Function: Other - Scientific and Technical Peer Review. Reports: This committee did not produce any public reports. Members Rotating Off/On-Boarding: Thirteen members rotated-off (Arnab Chakravarti, Nancy E. Davidson, Tracy L. Johnson, Eric A. Klein, Paul F. Lambert, Steven K. Libutti, Douglas G. McNeel, Denise J. Montell, Mary Ann Osley, Virgil H. Simons, Erik J. Sontheimer, David W. Threadgill, and JoAnn Trejo) and seven more were on-boarded (Etty N. Benveniste, William M. Clemons, Jr., Jennifer A. Doherty, Olivier Elemento, Ellen L. Goode, Benjamin J. Raphael, and Lewis R. Roberts). This is why the Charter states 55 potential members, but this ACR lists 48. Members: The terms for Lynne V. Abruzzo, Arnab Chakravarti, Nancy E. Davidson, Tracy L. Johnson, Mitchell Kronenberg, Paul F. Lambert, and Mary Beth Terry have changed due to administrative extensions. As such, their terms of service end dates are different than what was reported on the FY22 ACR. Eric A. Klein resigned on 1/11/2023. As such, his term of service end date is different than what was reported on the FY22 ACR. The term for Patricia M. LoRusso is longer than the charter allows due to her reappointment to the BSC given her specific scientific expertise and the need to assure continuity in the functions of the BSC and the review of Laboratories/Branches by the Board. The DFO and Committee Decision Maker positions are held by the same individual because of the assignment of responsibilities within the Institute.

Designated Federal Officer

Mehrdad M. Tondravi Chief, Institute Review

Office, NCI

Committee Members	Start	End	Occupation	Member Designation
ABRUZZO, LYNNE	05/28/2019	01/27/2024	PROFESSOR, DEPARTMENT OF PATHOLOGY, MEDICAL COLLEGE OF GEORGIA, AUGUSTA UNIVERSITY	Special Government Employee (SGE) Member
ADJEI, ALEX	02/27/2022	07/31/2026	CHAIRMAN, TAUSSIG CANCER INSTITUTE, M. FRANK RUDY AND MARGARET D. RUDY DISTINGUISHED CHAIR IN TRANSLATIONAL CANCER RESEARCH, CLEVELAND CLINIC CORNELIUS VANDERBILT CHAIR AND PROFESSOR, DEPARTMENT OF PATHOLOGY, MICROBIOLOGY, AND IMMUNOLOGY, VANDERBILT UNIVERSITY MEDICAL CENTER	Special Government Employee (SGE) Member
AIKEN, CHRISTOPHER	12/17/2020	07/31/2024	ASSOCIATE DIRECTOR FOR BASIC RESEARCH, O'NEAL COMPREHENSIVE CANCER CENTER, UNIVERSITY OF ALABAMA AT BIRMINGHAM	Special Government Employee (SGE) Member
BENVENISTE, ETTY	04/09/2023	07/31/2027	PROFESSOR AND CHAIR, IMMUNOLOGY AND MICROBIOLOGY DEPARTMENT, UNIVERSITY OF COLORADO SCHOOL OF MEDICINE	Special Government Employee (SGE) Member
BERG, LESLIE	02/27/2022	07/31/2026	DAVID W. CUGELL DISTINGUISHED PROFESSOR, SECTION OF PULMONARY AND CRITICAL CARE MEDICINE, NORTHWESTERN UNIVERSITY	Special Government Employee (SGE) Member

CLEMONS, WILLIAM	05/21/2023	07/31/2027	ARTHUR AND MARIAN HANISCH MEMORIAL PROFESSOR OF BIOCHEMISTRY, DIVISION OF CHEMISTRY AND CHEMICAL ENGINEERING, CALIFORNIA INSTITUTE OF TECHNOLOGY VICE DEAN FOR RESEARCH, SCHOOL OF MEDICINE, DIRECTOR, PROGRAMS IN VIROLOGY AND GLOBAL ONCOLOGY, LINEBERGER CANCER CENTER, UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	Special Government Employee (SGE) Member
DAMANIA, BLOSSOM	08/16/2020	07/31/2024	JOEL B. STEINBERG M.D. CHAIR IN PEDIATRICS, SOWELL FAMILY SCHOLAR IN MEDICAL RESEARCH, DEPARTMENT OF PEDIATRICS, UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER HUNTSMAN CANCER INSTITUTE ENDOWED CHAIR IN CANCER RESEARCH, PROFESSOR, DIVISION OF CANCER POPULATION SCIENCES, DEPARTMENT OF POPULATION HEALTH SCIENCES, UNIVERSITY OF UTAH	Special Government Employee (SGE) Member
DEBERARDINIS, RALPH	02/27/2022	07/31/2026	PROFESSOR, DEPARTMENT OF PHYSIOLOGY AND BIOPHYSICS, DIRECTOR, ENGLANDER INSTITUTE FOR PRECISION MEDICINE, WEILL CORNELL MEDICINE	Special Government Employee (SGE) Member
DOHERTY, JENIFFER	04/09/2023	07/31/2027		
ELEMENTO, OLIVIER	09/10/2023	07/31/2027		

GOODE, ELLEN	04/09/2023	07/31/2027	CONSULTANT, DIVISION OF EPIDEMIOLOGY, PROFESSOR OF EPIDEMIOLOGY, DEPARTMENT OF QUANTITATIVE HEALTH SCIENCES, COLLEGE OF MEDICINE, MAYO CLINIC	Special Government Employee (SGE) Member
GOODRICH, DAVID	12/05/2021	07/31/2026	DISTINGUISHED PROFESSOR OF ONCOLOGY, DEPARTMENT OF PHARMACOLOGY AND THERAPEUTICS, ROSWELL PARK CANCER INSTITUTE	Special Government Employee (SGE) Member
HAAS-KOGAN, DAPHNE	02/27/2022	07/31/2026	CHAIR, DEPARTMENT OF RADIATION ONCOLOGY, BRIGHAM AND WOMEN'S HOSPITAL, DANA-FARBER CANCER INSTITUTE	Special Government Employee (SGE) Member
JOHNSON, WELKIN	12/17/2020	07/31/2024	PROFESSOR AND CHAIR, DEPARTMENT OF BIOLOGY, BOSTON COLLEGE	Special Government Employee (SGE) Member
JONES, DAVID	09/27/2020	07/31/2024	CHIEF, THORACIC SURGERY, DEPARTMENT OF SURGERY, MEMORIAL SLOAN KETTERING CANCER CENTER	Special Government Employee (SGE) Member
KEE, BARBARA	12/20/2021	07/31/2026	PROFESSOR, DEPARTMENT OF PATHOLOGY, UNIVERSITY OF CHICAGO	Special Government Employee (SGE) Member
KLEIN, ROBERT	08/02/2020	07/31/2024	ASSOCIATE PROFESSOR, DEPARTMENT OF GENETICS AND GENOME SCIENCES, DIRECTOR, CANCER RISK PREDICTION, ICHAN INSTITUTE FOR MULTISCALE BIOLOGY, ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	Special Government Employee (SGE) Member

KRONENBERG, MITCHELL	12/17/2020	01/27/2024	CHIEF SCIENTIFIC OFFICER, LA JOLLA INSTITUTE FOR IMMUNOLOGY	Special Government Employee (SGE) Member
LIMA, CHRISTOPHER	12/17/2020	07/31/2024	CHAIR, MEMBER AND PROFESSOR, STRUCTURAL BIOLOGY PROGRAM, SLOAN KETTERING INSTITUTE	Special Government Employee (SGE) Member
LORUSSO, PATRICIA	06/26/2016	07/31/2024	ASSOCIATE DIRECTOR, INNOVATIVE MEDICINE AT YALE CANCER CENTER, YALE UNIVERSITY	Special Government Employee (SGE) Member
MALKIN, DAVID	02/27/2022	07/31/2026	ASSOCIATE CHAIR, DEPARTMENT OF MEDICAL BIOPHYSICS, PROFESSOR, DEPARTMENTS OF PEDIATRICS AND MEDICAL BIOPHYSICS, UNIVERSITY OF TORONTO	Special Government Employee (SGE) Member
MIGLIORETTI, DIANA	11/21/2021	07/31/2026	DEAN'S PROFESSOR, CHIEF, DIVISION OF BIOSTATISTICS, DEPARTMENT OF PUBLIC HEALTH SCIENCES, UNIVERSITY OF CALIFORNIA, DAVIS	Special Government Employee (SGE) Member
MOSCICKI, ANNA BARBARA	02/27/2022	07/31/2026	PROFESSOR OF PEDIATRICS, CHIEF, ADOLESCENT AND YOUNG ADULT MEDICINE, DAVID GEFFEN SCHOOL OF MEDICINE, UNIVERSITY OF CALIFORNIA, LOS ANGELES	Special Government Employee (SGE) Member
OLIVERA, BALDOMERO	06/21/2022	07/31/2026	DISTINGUISHED PROFESSOR, DEPARTMENT OF BIOLOGY, UNIVERSITY OF UTAH	Special Government Employee (SGE) Member
PATEL, ALPA	02/27/2022	07/31/2026	SENIOR VICE PRESIDENT, POPULATION SCIENCE, AMERICAN CANCER SOCIETY	Special Government Employee (SGE) Member

PAULL, TANYA	12/17/2020	07/31/2024	BURL G. AND LORENE L. ROGERS CHAIR IN HUMAN HEALTH, PROFESSOR, DEPARTMENT OF MOLECULAR GENETICS AND MICROBIOLOGY, THE UNIVERSITY OF TEXAS AT AUSTIN	Special Government Employee (SGE) Member
RAPHAEL, BENJAMIN	07/31/2023	07/31/2027	PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE, PRINCETON UNIVERSITY	Special Government Employee (SGE) Member
ROBERTS, LEWIS	02/26/2023	07/31/2027	PETER AND FRANCES GEORGESON PROFESSOR OF GASTROENTEROLOGY CANCER RESEARCH, DIVISION OF GASTROENTEROLOGY AND HEPATOLOGY, DEPARTMENT OF INTERNAL MEDICINE, MAYO CLINIC PROFESSOR AND DIVISION LEAD, DIVISION OF EPIDEMIOLOGY, BIostatISTICS, AND ENVIRONMENTAL HEALTH, SCHOOL OF PUBLIC HEALTH, UNIVERSITY OF NEVADA, RENO	Special Government Employee (SGE) Member
STRICKLAND, MATTHEW	04/11/2022	07/31/2026	PROFESSOR, DEPARTMENT OF EPIDEMIOLOGY, COLUMBIA UNIVERSITY	Special Government Employee (SGE) Member
TERRY, MARY BETH	07/21/2019	01/27/2024	DIRECTOR, CANCER CENTER, SAMUEL OSCHIN COMPREHENSIVE CANCER INSTITUTE	Special Government Employee (SGE) Member

Number of Committee Members Listed: 35

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. Section 402(b)(9) of the Public Health Service Act states that "the Director, NIH...shall assure that research at...the National Institutes of Health is subject to review in accordance with section 492." Section 492(b) states that the "Director of NIH shall establish procedures for periodic technical and scientific peer review of research at the National Institutes of Health. The mission of the Board of Scientific Counselors is to assess the quality of the Institute's intramural research programs

and to evaluate the productivity and performance of intramural scientists and shall also, as requested by the Director, NIH, undertake peer review of extramural funding applications as required by section 492 of the Public Health Service Act, as amended."

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

Checked if
Applies

- | | |
|---|-------------------------------------|
| Improvements to health or safety | <input 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 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?

614

Number of Recommendations Comments

All the Laboratories/Branches reviewed in this fiscal year were either continued, expanded or closed. Continued means that there is not a change in scientific priorities or a decrease in the resources allocated to the laboratory/branch. Expanded means that the scientific priorities may be/are increased and thus an increase in resources are allocated to the laboratory/branch. Closed means that the scientific priorities are ended and the resources allocated to the laboratory/branch are decreased, i.e., towards closing the laboratory/branch.

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

90%

% of Recommendations Fully Implemented Comments

The percentage of recommendations implemented as stated above was developed at the time the Annual Comprehensive Review report was prepared. Additional information 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 organization 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?

10%

% of Recommendations Partially Implemented Comments

The percentage of recommendations implemented as stated above was developed at the time the Annual Comprehensive Review report was prepared. Additional information 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 organization 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 resulting from closed Board of Scientific Counselors meetings is subject to the Freedom of Information Act. The public can view information on NIH Intramural Research Reports found on the NIH Intramural Research Sourcebook website located at <https://oir.nih.gov/sourcebook/intramural-research-communications-resources/annual-reports-bit>

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

The Scientific Director and other NIH/NCI officials use the recommendations made by the BSC in evaluating the quality of the intramural research programs including scientific priorities and resources available. As a result, all the Laboratories/Branches reviewed in this fiscal year were either continued, expanded or closed.

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

No

Grant Review Comments

Although grant reviews are included in the duties of this Board, there were no grant reviews performed during this fiscal year.

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

Contact the Designated Federal Officer.