

AGENDA

Twenty-sixth Meeting of the
BOARD OF REGENTS
Board Room
9:00 A. M., March 16-17, 1967

- | | | |
|---|---------|------------------------|
| I. CALL TO ORDER AND INTRODUCTORY REMARKS | | Dr. William Hubbard |
| II. OPENING REMARKS FROM THE SURGEON GENERAL | | Dr. William Stewart |
| III. CONSIDERATION OF MINUTES OF LAST MEETING | | Dr. William Hubbard |
| | TAB I | |
| IV. DATES OF FUTURE MEETINGS | | Dr. William Hubbard |
| 1967-68 Calendars in all books | TAB II | |
| Next Meeting - June 15-16, 1967 | | |
| Subsequent Meeting - November 16-17, 1967 | | |
| Selection of Meeting Date for March 1968 | | |
| Possible Dates - March 7-8, 11-12, 18-19, 21-22 | | |
| V. REPORT OF THE DIRECTOR | | Dr. Martin Cummings |
| VI. PRELIMINARY PLANNING FOR THE NLM ANNEX | | Mr. Walter Kilham, Jr. |
| VII. MEETING OF MEDLARS LITERATURE SELECTION | | Dr. Clifford Bachrach |
| COMMITTEE | TAB III | |
| Lunch | | |
| VIII. STATUS OF SECOND GENERATION MEDLARS | | Dr. Joseph Leiter |
| | TAB IV | |
| IX. OECD/WHO MEDLARS PLANS | TAB V | Mr. Scott Adams |
| X. TOXICOLOGY INFORMATION PROGRAM | TAB VI | Dr. Charles Rice |

XI. MEETING ON CONTINUING EDUCATION
IN DENTISTRY

TAB VII

Dr. Russell Dixon

ADJOURNMENT

DINNER - Navy Officers' Club - Cocktails - 6:30 P.M., Dinner - 7:30 P.M.

GUEST SPEAKER - Dr. Stanhope Bayne-Jones - "A New Look at Walter Reed"

RECONVENE - 9:00 A.M., March 17, 1967

XII. EXECUTIVE SESSION

EXTRAMURAL PROGRAMS

XIII. INTRODUCTION AND OPENING REMARKS

Dr. Marjorie Wilson

XIV. REPORT OF THE ASSOCIATE DIRECTOR

Dr. Marjorie Wilson

TAB I
(gray book)

XV. FACILITIES AND RESOURCES PROGRAMS TAB II

Dr. Carl Douglass

XVI. CONSIDERATION OF PENDING APPLICATIONS
RESEARCH GRANTS TAB III
TRAINING GRANTS TAB IV

Mr. David Kefauver

Lunch

XVII. CONSIDERATION OF CONSTRUCTION GRANT
APPLICATIONS (separate books)

Dr. Carl Douglass

XVIII. CONSIDERATION OF MEDICAL LIBRARY RESOURCE
GRANT APPLICATIONS TAB V

Dr. Carl Douglass

OTHER BUSINESS

ADJOURNMENT

THE BOARD OF REGENTS
of the
NATIONAL LIBRARY OF MEDICINE

MINUTES OF THE 26TH MEETING

March 16-17, 1967 - Bethesda, Maryland

MEMBERS PRESENT: BEAN, BOHANNON, DIXON, FUSSLER, HUBBARD, MUMFORD, SMITH,
TAGER, WOLF, WOODHALL

MEMBERS ABSENT: BROWN, CARLSON, ENGLE, HEATON, MCDERMOTT, STEWART, ZIPF

ALTERNATES: Brig. General George J. Hayes represented Lt. General Heaton
Captain W. F. Pierce represented Admiral Brown

Mr. Henry Dubester represented Dr. Carlson

Dr. F. W. Hartman represented Lt. General Bohannon during
the afternoon of the first day and all of second day

Dr. Benjamin Wells represented Dr. Engle

GUESTS: Mr. Walter H. Kilham, Jr., Architect, O'Connor and Kilham

Mr. Loren Hellickson, Division of Regional Medical
Programs, NIH

Mr. Clarence Lowe, Office of Extramural Programs, OSG

Dr. Francis Schmehl, Health Research Facilities Branch,
Division of Research Facilities and Resources, NIH

Mr. Arthur Broering, Office of Architecture and Engineering,
Division of Research Facilities and Resources, NIH

Mr. Theodore Lorenzen, Division of Hospital and Medical
Facilities, PHS

Mr. Herbert Hollweg, Educational and Facilities Branch,
Division of Dental Health, PHS

Mrs. Ilene Stewart, Executive Secretary, Advisory Committee
on Scientific Publications and History of the Life Sciences
Study Sections, Division of Research Grants, NIH

Dr. Samuel Moss, Executive Secretary, Human Embryology and
Development Study Section, Division of Research Grants, NIH

NLM STAFF:

Dr. Martin M. Cummings, Mr. Scott Adams, Dr. Clifford Bachrach,
Dr. John B. Blake, Miss Mary E. Corning, Dr. Burnet Davis,
Dr. Ruth Davis, Dr. Carl D. Douglass, Mr. Herbert H. Fockler,
Mr. Joseph Foley, Dr. Louis S. Gerber, Dr. Fritz P. Gluckstein,
Mr. James G. Hill, Mr. James D. Isbister, Dr. Leonard Karel,
Dr. Ann Kaufman, Mr. David F. Kefauver, Mr. Gerald N. Kurtz,
Dr. Joseph Leiter, Mrs. Louise H. Miller, Miss Marilyn D. Miller,
Mrs. Marguerite L. Pusey, Mr. Paul C. Redmer, Dr. Charles Rice,
Mr. James P. Riley, Mr. Marcus Rosenblum, Mr. George Russell,
Miss E. Winifred Sewell, Dr. Andrew M. Sherrington, Dr. Norman P.
Shumway, Mr. John P. Spain, Mr. John A. Timour, Mr. Robert
Walkington, Mr. Samuel Waters, Dr. Marjorie P. Wilson

Dr. Hubbard opened the 26th meeting of the Board of Regents by welcoming Dr. Kathryn M. Smith, Dean of the School of Nursing at the University of Colorado, one of the two new members. Mr. Alfred R. Zipf, Executive Vice President of the Bank of America, the other new member, was unable to be present.

NEW STAFF MEMBERS

Dr. Cummings introduced the new staff members. They included; Dr. Charles N. Rice, consultant for the Toxicology Information Program and shortly to become an Associate Director; Dr. Ruth M. Davis, Associate Director for Research and Development; Mr. George F. Russell, Jr., Assistant Executive Officer; and Mr. Marcus Rosenblum, Staff Associate in the Office of the Director, assisting Dr. Rice.

NOVEMBER 1966 MINUTES APPROVED, FORTHCOMING MEETINGS SCHEDULED

The minutes of the November 14-15, 1966, meeting were approved. The dates of June 15-16, and November 16-17, 1967, were reaffirmed. March 11-12 was tentatively set as the date of the first meeting in 1968.

REPORT OF THE DIRECTOR

Dr. Cummings stated that the NLM representatives were due to appear before the House Subcommittee on Appropriations on April 7. Representative Daniel Flood of Pennsylvania had replaced the late John Fogarty as chairman of the subcommittee. Dr. Cummings reviewed budget submissions for FY 1968.

GRACE, the prototype computer phototypesetter used to produce Index Medicus, Current Catalog, and other NLM publications, had been performing irregularly. The Library has requested permission to obtain a Photon 901, which is a listed production model. The Joint Committee on Printing, however, wanted NLM to use the developmental Linotron shortly to be installed at the Government Printing Office. The Library opposed this proposal because:

- (1) The Linotron might well not be operational in time;
- (2) Production cost of printouts would be significantly increased, particularly for small jobs;
- (3) There is no opportunity to edit the computer printout from the Linotron;
- (4) The removal of a subsection of the total MEDLARS information retrieval system and waiting one's turn with others for printing was incompatible with the need to provide timely service to multiple users.

The Director made it clear that the Linotron was still a prototype, and that considerable reprogramming would be necessary to operate the Library's programs. After discussion, the Board adopted the following statement:

The Board of Regents of the National Library of Medicine expresses grave concern over the NLM's inability to obtain approval of the Joint Committee on Printing to replace the prototype computer-driven photocomposer (GRACE) whose performance has deteriorated markedly in the last few months. The photocomposer is an integral component of the highly successful Medical Literature Analysis and Retrieval System (MEDLARS). To disapprove the NLM's request to procure a production model photocomposer for its current operating needs will have a deleterious effect on the MEDLARS system. In fact, any major breakdown in GRACE will make it impossible for the NLM to provide needed information services to the health sciences community throughout the country. Therefore, specifically, continued production of Index Medicus and the NLM Current Catalog are threatened by the failure of this subsystem of MEDLARS.

Dr. Cummings stated that the NLM had maintained excellent relationships with other agencies concerned with scientific information, in particular the National Science Foundation, the Department of Defense, and sister elements of the Department of Health, Education, and Welfare. Cooperative relationships in two fields were being developed with the two other national libraries, the Library of Congress and the National Agricultural Library. Proposed activities are (1) conversion programs to permit compatibility of the MARC computer activities at the Library of Congress with the NLM MEDLARS, (2) cooperative work toward a national serials data file, (3) study of the relationships of subject heading systems.

The Director commended the success of the United Kingdom and Swedish MEDLARS centers: The United Kingdom center had been operational for 6 months, while the Swedish center had rewritten the NLM programs so that they could be used on the 1401 and 7090 series. The center at Harvard would be able to start shortly, using the Swedish program. This has been a welcome relief to the slow progress in programming in the United States, which had slowed the implementation of a number of MEDLARS centers.

Dr. Cummings had been asked by the Surgeon General to discuss with the Board the Report of a task force studying the transfer of the PHS Audiovisual Facility from its organizational relationship with the Communicable Disease Center at Atlanta. A copy of the NLM staff reaction had also been sent to the Board. The Board resolved:

That the Surgeon General's "Study Committee on Organizational Location of the Public Health Service Audiovisual Facility" is commended for its February 20, 1967 Report. The concepts of the Report are in general agreement with policy recommendations previously submitted to the Surgeon General by the Regents.

The Report clearly identifies the need for the Public Health Service to establish a focus on biomedical communications in

one organizational unit drawing together parallel programs in the interest of accelerating the flow of vital information to those who have a need for it. The Regents endorse the Committee's recommendation to provide improved coordination of all biomedical communications media--print and non-print.

However, it remains the judgment of the Board of Regents that a Center for Biomedical Communications should be established within the National Library of Medicine--a role which was clearly defined in the Board of Regents policy statement of 1966 and in the Library's 5-year program plan.

The plans of the National Library of Medicine to develop a Center for Biomedical Communications can easily be modified to accommodate the coordinated and integrated needs of the program elements described in the Study Committee's Report.

STATUS OF SECOND GENERATION MEDLARS

Dr. Leiter discussed four types of activity developed at NLM. Two were designed to bolster present operations and orient staff towards new developments, and two were for defining functional requirements and procedures for the new system.

In bolstering present activities, time per search had dropped from 44 minutes to 10 in the last six months. It would thus be possible to handle up to 6000 searches per year with our present system. Between 550 and 600 searches a month were currently being processed at NLM, including those for the decentralized centers. These performance figures would enable NLM to provide necessary services for the next two years until the next generation system became operational. Throughput time had improved after the moratorium of last December, so that half the searches were now processed within eleven days and ninety percent within three weeks. Less than one percent took over one month. This represented approximately a threefold improvement. It now took only one-third of the time previously taken to process recurring bibliographies.

A contract was being negotiated to provide necessary maintenance to the current system so that staff could be released to work on the new system. A small task force had been set up to prepare for the new system.

The Library would shortly request bids for equipment and systems development.

In defining functional requirements and procedures for the new system, in the Technical Services Division, all serial records would be consolidated into a single unit record so that the entire file could be automated.

Freer input and freer use of input vocabulary was a problem that was being tackled. In particular, the auxiliary chemical module was now nearly ready.

COMMITTEE ON SELECTION OF LITERATURE FOR MEDLARS

Dr. Bachrach reported on a meeting held on January 24. Five new members, representing physicians, scientists, and medical editors, had been added to the committee. They included: Dr. William Bean, Chairman; Dr. Walsh McDermott; Dr. Morris Fishbein; Dr. John H. Talbott; and Dr. Franz J. Ingelfinger. The increased scope of the committee's activities was indicated by the change of title from Ad Hoc Panel on Selection of Journals for Index Medicus to Committee on Selection of Literature for MEDLARS; the committee will in the future be concerned with nonserial as well as serial literature and with anything to be included in MEDLARS, not only Index Medicus.

The January meeting suggested that the contents of Index Medicus and Cumulated Index Medicus might not need to be identical in the future. Was a comprehensive published store of citations still needed now that there was an electronic store in existence? NLM should encourage indexing by authors. Interested specialty groups might subsidize indexing in their own fields. MEDLARS could produce timely abridged bibliographies and more comprehensive ones less frequently.

Dr. Bachrach stated that since the meeting, indexing had been received from Keio University, Tokyo, at the rate of 1,000 articles per month. NLM was developing a request for proposals from commercial firms to index for us. Recommendations were being developed for editors and authors on author indexing. Alternative proposals would be presented at the next committee meeting on methods of reviewing relative worth of material indexed and to be indexed.

PRELIMINARY PLANNING FOR NLM ANNEX

Mr. Kilham, of O'Connor and Kilham, the architects who built the present library building, presented plans for an annex. He outlined three alternatives: a building the height of the present library building; one with a medium tower; and one with a high tower (15 stories). It would be sited to the south of the present staff parking lot. A and B levels in the old and new buildings would be connected. Because of the cost of constructing parking space under the low building, the cost of all three would be approximately equal. There was room left to the north of the staff parking lot for a further building.

The Board expressed its pleasure with the progress so far and its satisfaction with the esthetics of the proposed building solution.

TOXICOLOGY INFORMATION PROGRAM

Dr. Rice described the events leading to the setting up of the Toxicology Information Program. Responsibility for the operational phases of the program lay with NLM. There was a Committee for Coordination in DHEW, chaired by Dr. Philip Lee, the Assistant Secretary for Health and Scientific

Affairs. A computer-based file of toxicological information was to be developed. This would be useful in referring inquiries to the appropriate place for an authoritative response.

A file of medical literature on toxicology would be available in NLM. Unpublished information might be added. The program could publish reference aids, such as directories, handbooks, bibliographies, and reviews. Eventually, on-line response should be furnished to inquirers. Development of the system is envisioned step-wise as follows:

- (1) Establishment of a referral center;
- (2) Establishment of a clearinghouse for documents and bibliographic information;
- (3) Establishment of a center for evaluating toxicological information which will provide a data bank which in turn will enhance the value of the clearinghouse.

User studies and an inventory of resources would be developed to provide the information needed to set up the referral center.

OECD AND WHO MEDLARS PLANS

Mr. Adams reported on his visit to Paris and Geneva on February 6 through 8. In line with COSATI policy, MEDLARS system and tapes were offered to the Organization for Economic Cooperation and Development (OECD) on a quid pro quo basis. For these services, OECD would provide 50,000 indexed citations annually in machine-readable form. A MEDLARS center would be set up, and OECD would decide whether to expand the current U.K. or Swedish centers, or build an additional one. In the meantime, the existing centers would provide trial services. Excerpta Medica offered to provide the base for servicing the 50,000 citations. A further meeting would be held at NLM on April 5 and 6.

With regard to WHO, Dr. Candau, the director-general, accepted in December a long-standing offer by the United States to make available the MEDLARS system to WHO. Current awareness services would be provided to 2,000 scientist-members of expert panels and to staff in headquarters and the regional offices. WHO had budgeted for two staff members, starting January 1, 1968, and was exploring the possibility of assistance through a grant to study areas in which the MEDLARS base might need expansion to satisfy all WHO requirements, and ways in which WHO might assist.

CONFERENCE ON THE ROLE OF NLM IN CONTINUING DENTAL EDUCATION

Dr. Dixon, Consultant in Residence, summarized the account of the conference held at NLM on January 26 and 27. A number of recommendations had been made; and NLM was requested to provide the opportunity for a selected group of

leaders and educators in dentistry to study its facilities, so that they could, after further consideration, designate specifically the best ways NLM's resources could be used to advance continuing education in dentistry and the related health sciences. Dr. Dixon put this in the form of a motion and it was carried.

Dr. Dixon suggested that providing maximum services to continuing education in dentistry might well differ in degree and direction from those needed in medicine. He stressed also the need for functional liaison to be established with dental educators, possibly through the American Association of Dental Schools.

EXTRAMURAL PROGRAMS 1/ 2/ 3/

OPENING REMARKS

Dr. Wilson introduced a new member of the Extramural Programs staff, Dr. Ann Kaufman. The Board was reminded of the confidentiality of the proceedings and the necessity for a Board member to absent himself from the meeting room when an application is discussed in which he or his institution has an interest. Attention was called to the latest legislative developments and the recent changes in the administration of grants as outlined in the DRG Administrative Report.

Dr. Wilson pointed out that the adopted procedure of having the Subcommittee of the Board for Extramural Programs meet with staff on the evening prior to the full Board meetings would be continued.

REVIEW OF APPLICATIONS NEEDING SPECIAL CONSIDERATION BY THE BOARD OF REGENTS SUBCOMMITTEE FOR EXTRAMURAL PROGRAMS

The Subcommittee met with the Extramural staff on March 15, 1967, to discuss certain research grant applications because of priority level, split-vote recommendations, or requests of over \$50,000. Also discussed were procedures to be initiated in the review of construction grant applications and amounts of funds to be awarded. Interim actions on resource grants, as well as the formula for entitlement were reviewed.

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- 1/ Proceedings of meetings are restricted unless cleared by the Office of the Surgeon General. The restriction relates to all material submitted for discussion at the meetings, the agenda for the meetings, the supplemental material, and all other official documents.
 - 2/ For the record, it is noted that members absent themselves from the meeting room when the Committee has under individual discussion applications (a) from their respective institutions or (b) in which a conflict of interest might occur.
 - 3/ The Board of Regents, when considering the Extramural Programs of the NLM, also consists of the Board of Regents Advisory Council for Extramural Programs and National Medical Libraries Assistance Advisory Board and concurrently discharges the responsibilities of all three bodies.

CONSIDERATION OF PENDING APPLICATIONS

Research Grant Applications

Thirty research grant applications totaling \$975,962 were reviewed, and 17 totaling \$431,399 were approved.

Training Grant Application

One training grant application totaling \$52,698 was reviewed but not approved.

Construction Grant Applications

Eleven applications totaling \$12,409,402 were reviewed; 5 totaling \$7,035,803 were approved; 3 were deferred; 3 disapproved.

The following were recommended for approval:

- 1 JO6 LM 00281-01 Jefferson Medical College, Philadelphia, Pa.
- 1 JO6 LM 00288-01 University of Nebraska, Omaha, Nebraska
- 1 JO6 LM 00293-01 Wayne State University, Detroit, Michigan
- 1 JO6 LM 00298-01 Rutgers, The State University, New Brunswick, N.J.
- 1 JO6 LM 00300-01 George Washington University, Washington, D.C.

The above construction grant applications were the first reviewed and recommended for approval under the Medical Library Assistance Act of 1965. The Congress appropriated \$7.5 million for construction in fiscal year 1967, but these funds have been held in reserve and have not been apportioned for expenditure.

Resource Grant Applications

Sixty-four resource grant applications were reviewed; 40 were approved; 17 deferred; and 7 disapproved.

Dr. Douglass discussed a proposed change in the previously approved formula for computation of resource grant awards, and action was taken to approve the proposed change. This change allows increased entitlements for many of the large libraries with major commitments for service. Awards for increased amounts were recommended for approval.

Summaries of Board actions on Research, Training, Medical Library Resource, and Construction Grant Applications are appended to these minutes.

Respectfully submitted,

Martin M. Cummings

Martin M. Cummings, M.D.
Secretary to the Board of Regents
National Library of Medicine

NATIONAL LIBRARY OF MEDICINE

BOARD OF REGENTS

MARCH 16 - 17, 1967

RESEARCH GRANT APPLICATIONS - RESUME OF COUNCIL RECOMMENDATIONS

<u>Application No., Investigator and Institution</u>	<u>Initial Review Group</u>	<u>FY</u>	<u>Year</u>	<u>Requested</u>	<u>IRG Recommendation</u>	<u>Approval</u>	<u>Priority</u>	<u>Other</u>
2 R01 LM 00042-02 (Pub1) Felter, Jacqueline W. Medical Library Center of N.Y. New York, New York Union Catalog of Medical Periodicals	CSP	67	02	\$63,159	\$63,159	\$63,159	187	
2 R01 LM 00046-06 Debus, Allen G. University of Chicago Chicago, Illinois "The Evolution of Chemistry in the Service of Medicine"	HM	63	06	\$ 8,610	\$ 8,610	\$ 8,610	111	
			07	10,557	10,557	10,557		
			08	9,248	9,248	9,248		
1 R01 LM 00050-01A1 Wangensteen, Owen H. University of Minnesota Minneapolis, Minnesota 'Pre-listerian Antiseptic Surgery Practices'	HM	67	01A1	\$15,758	\$15,758	\$15,758	327	
			02	15,207	15,207	15,207		
			03	15,934	15,934	15,934		
1 R01 LM 00212-01 (Pub1) Kerker, Ann E Purdue Research Foundation Lafayette, Indiana 'Literature Sources in the Biological Sciences'	CSP	67	01	\$13,127	\$13,127	\$13,127	200	

RESEARCH GRANT APPLICATIONS - RESUME OF COUNCIL RECOMMENDATIONS

<u>Application No., Investigator and Institution</u>	<u>Initial Review Group</u>	<u>FY</u>	<u>Year</u>	<u>Requested</u>	<u>IRG Recommendation</u>	<u>BRACEP Approval</u>	<u>BRACEP Recommendation Priority</u>	<u>Other</u>
1 R01 LM 00213-01A1 Schultz, Claire K. Inst. for Advancement of Medical Communication Philadelphia, Pennsylvania Cost-Effectiveness of Human and Computer Indexing Rules"	CSP	67	01A1 02 03	\$70,850 73,420 70,720	\$70,850 73,420 -	\$70,850 73,420	110	
1 R01 LM 00217-01 Chien, Robert T. University of Illinois Urbana, Illinois "Computer-based Systems for Information Retrieval"	CSP	67	01 02	\$175,393 150,326	Disapproval			DIE
1 R01 LM 00333-01 (Publ) Weil, Max Harry Univ. of Southern California Los Angeles, California "Annotated Bibliography on Shock"	CSP	67	01 02 03 04 05	\$15,923 16,109 16,159 16,710 17,072	\$15,923 - - - -	\$15,923	212	
1 R01 LM 00336-01 Selye, Hans Universite De Montreal Montreal, Canada "Applications of the Symbolic Shorthand System"	CSP	57	01 02 03	\$52,513 52,513 52,513	Disapproval			DIE
1 R01 LM 00344-01 Hitchcock, Fred L. Ohio State Univ. Research Fdn. Columbus, Ohio "History of Physiology in North America"	EM	67	01	\$16,461	\$16,461	\$16,461	354	(Not to be funded unless returned to BRACEP)

RESEARCH GRANT APPLICATIONS - RESUME OF COUNCIL RECOMMENDATIONS

Application No., Investigator and Institution	Initial Review Group	FY	Year	Requested	IRG Recommendation	BRACEP Approval	Recommendation Priority	Other
1 R01 LM 00345-01 (Publ) Li, Hui-Lin University of Pennsylvania Philadelphia, Pennsylvania "Alkaloid-Bearing Plants and their Alkaloids"	MCHB	66	01	\$14,079	\$14,079	\$14,079	115	
			02	20,650	20,650	20,650		
1 R01 LM 00347-01 (Publ) Reading, Rogers W. Indiana University Foundation Bloomington, Indiana "A Handbook of Visual Science"	VIS	67	01	\$26,720	Disapproval			DIS
			02	26,700				
1 R01 LM HD 00343-01 (Publ) Hosman, Harland W. University of Wisconsin Madison, Wisconsin "Morphology of the Mammalian Ovary - A Monograph"	REB	67	01	\$37,390	\$20,250	\$20,250	244	
			02	- - -	17,140	17,140		

RESEARCH GRANT APPLICATIONS - RESUME OF COUNCIL RECOMMENDATIONS

<u>Application No., Investigator and Institution</u>	<u>Initial Review Group</u>	<u>FY</u>	<u>Year</u>	<u>Requested</u>	<u>IRG Recommendation</u>	<u>BRACEP Approval</u>	<u>Recommendation Priority</u>	<u>Other</u>
1 RO1 LM HD 00349-01 (Publ) Fremont-Smith, Frank New York Academy of Sciences New York, New York "Publication of Conference Proceedings on Fetal Homeostasis"	HED	67	01 02 03 04	\$14,250 14,750 15,275 15,825	Disapproval			DIS
1 RO1 LM 00350-01 (Publ) Weber, Alvin F. University of Minnesota St. Paul, Minnesota "Comparative Histological Nomenclature"	PTHA	68	01 02 03 04 05	\$ 6,585 7,896 8,388 8,286 3,000	Disapproval			DIS
1 RO1 LM 00351-01 Kelley, Gaylen B. Boston University Boston, Massachusetts "Use of AV Materials in VD Education Programs"	Hed	68	01 02	\$25,350 25,243	Disapproval			DIS
1 RO1 LM 00353-01 (Publ) Adams, James F. Temple Univ. Commonwealth System of Higher Education Philadelphia, Pennsylvania "Dissemination of Psychological Research - Germany-Austria"	HM	67	01 02	\$22,612 9,062	Disapproval			DIS

RESEARCH GRANT APPLICATIONS - RESUME OF COUNCIL RECOMMENDATIONS

Application No., Investigator and Institution	Initial Review Group	FY	Year	Requested	IRG Recommendation	BRACEP Recommendation Approval	Priority	Other
1 R01 LM 00354-01 (Publ) Otis, Leon S. Stanford Research Institute Menlo Park, California "Updating and Evaluation of Psychopharmacology Handbooks"	PMY	67	01 02	\$57,802 33,917	Disapproval			DIS
1 R13 LM 00355-01 Lieberman, Irving University of Washington Seattle, Washington "Medical Library Education Conference"	NSE	67	01	\$ 8,030	\$ 8,080	\$ 3,030	240	
1 R01 LM 00356-01 (Publ) Kean, B. H. Cornell Univ. Medical College New York, New York "Classics in Tropical Medicine"	HM4	57	01	\$33,112	Disapproval			DIS
1 R01 LM 00357-01 Michael, Max, Jr. Jacksonville Hosp. Educational Program, Inc. Jacksonville, Florida "The Medical Library in Continuing Education"	NES	67	01 02 03	\$14,260 14,732 15,332	\$14,860 14,860 15,332	\$14,350 14,732 15,332	320	

RESEARCH GRANT APPLICATIONS - RESUME OF COUNCIL RECOMMENDATIONS

<u>Application No., Investigator and Institution</u>	<u>Initial Review Group</u>	<u>FY</u>	<u>Year</u>	<u>Requested</u>	<u>IRG Recommendation</u>	<u>BRACEP Recommendation Approval Priority Other</u>	<u>Deferral</u>
1 R01 LM ES 00358-01 (Publ) Shilling, Charles W. George Washington University Washington, D. C. "Evaluative Studies in Environmental Health Sciences"	CSP	57	01	\$33,999	Deferral		Deferral
1 R01 LM 00359-01 Smock, Charles D. Purdue Research Foundation Lafayette, Indiana "Trends in Child Development - Collected Work of Piaget"	HM	67	01	\$ 3,835	\$ 3,835	388 (Not to be funded unless returned to BRACEP)	
1 R01 LM 00360-01 (Publ) Lodwick, Gwilym S. University of Missouri Columbia, Missouri "Computers in Medicine - Bibliography"	CSP	63	01 02 03	\$ 9,504 3,350 9,650	Disapproval		DIS
1 R01 LM 00404-01 Witten, Victor H. Dermatology Foundation of Miami Miami, Florida "Taped Autobiographical Interviews in Dermatology"	NSS	67	01 02 03 04 05 06 07	\$15,682 14,980 15,655 15,770 16,070 17,180 17,130	\$15,682 14,980 15,655	280 (Not to be funded unless returned to BRACEP)	

RESEARCH GRANT APPLICATIONS - RESUME OF COUNCIL RECOMMENDATIONS

<u>Application No., Investigator and Institution</u>	<u>Initial Review Group</u>	<u>FY</u>	<u>Year</u>	<u>Requested</u>	<u>IRG Recommendation</u>	<u>BRACEP Recommendation Approval</u>	<u>Priority</u>	<u>Other</u>
1 R01 LM 00407-01 (Publ) Lange, Robert D. University of Tennessee Knoxville, Tennessee "Erythropoietin Bibliography and Critical Review"	HEM	67	01	\$11,433	Disapproval			DLS
1 R01 LM 00422-01 Rees, Alan M. Western Reserve University Cleveland, Ohio "Feasibility Study of Continuing Education for Medical Librarians"	NSS	67	01	\$14,095	\$14,095	\$14,095	167	

DUAL LM - 2ND INSTITUTE - RESUME OF COUNCIL RECOMMENDATIONS

<u>Application No., Investigator and Institution</u>	<u>Initial Review Group</u>	<u>FY</u>	<u>Year</u>	<u>Requested</u>	<u>IRG Recommendation</u>	<u>BRACEP Recommendation Approval</u>	<u>Priority</u>	<u>Other</u>
1 ROI AI 07692-01 Dual LM Lehmer, Donald J. Dana College Blair, Nebraska "Smallpox Epidemics among the Missouri Valley Indians"	EM	67	01	\$25,206	\$25,206	\$25,206	218	
1 ROI AM 11305-01 Dual LM Skoryna, Stanley C. McGill University Montreal, Quebec, Canada "A Monograph on Absorption of Metal Ions and Radionuclei"	GMA	67	01	\$15,750	Disapproval			DIS
1 ROI CC 00240-01 Dual LM Mathanson, Neal Johns Hopkins University School of Hygiene & P.H. Baltimore, Maryland "Expansion of American Journal of Epidemiology"	CSP	67	01 02 03	\$10,000 10,000 10,000	\$10,000 \$10,000 \$10,000	\$10,000 10,000 10,000	137	
2 ROI PE 02455-04 Dual LM Welt, Isaac D. American University Washington, D. C. "Effects of Chemicals upon the Cardiovascular System"	CSP	67	04 05 06 07 08	\$101,394 117,747 126,821 132,757 139,079	\$101,394	\$101,394 117,747 126,821 132,757 139,079	212	(Not to be funded unless returned to BRACEP)

**COMPETING RESEARCH GRANTS
SUMMARY OF COUNCIL RECOMMENDATIONS
TRADITIONAL PROJECT GRANTS**

INSTITUTE OR DIVISION: NATIONAL LIBRARY OF MEDICINE		COUNCIL DATE: MARCH 1967							
TYPE OF REQUEST	TOTAL REQUESTED AMOUNT	NO.	APPROVED AMOUNT	NO.	REDUCED AMOUNT	NO.	DISAPPROVED AMOUNT	NO.	DEFERRED AMOUNT
FY 1967									
NEW	695,975	11	208,951	1	17,140	0	435,835	1	33,999
RENEWAL	63,159	1	63,159	0	0	0	0	0	0
SUPPLEMENT	0	0	0	0	0	0	0	0	0
TOTAL	759,004	12	272,110	1	17,140	0	435,835	1	33,999
FY 1968									
NEW	55,910	1	14,079	0	0	3	41,839	0	0
RENEWAL	8,610	1	8,610	0	0	0	0	0	0
SUPPLEMENT	0	0	0	0	0	0	0	0	0
TOTAL	64,528	2	22,689	0	0	3	41,839	0	0
FY 1969									
NEW	0	0	0	0	0	0	0	0	0
RENEWAL	0	0	0	0	0	0	0	0	0
SUPPLEMENT	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0
FY 1970									
NEW	0	0	0	0	0	0	0	0	0
RENEWAL	0	0	0	0	0	0	0	0	0
SUPPLEMENT	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0
GRAND TOTAL	823,612	14	294,799	1	17,140	11	477,674	1	33,999

RESUME OF COUNCIL RECOMMENDATIONS

NATIONAL LIBRARY OF MEDICINE

BOARD OF REGENTS

March 16 - 17, 1967

TRAINING GRANTS

<u>Grant Number</u>	<u>Program Director & Institution</u>	<u>Year, Amt. Req.</u>	<u>Stipend</u>	<u>Committee Recommendation</u>	<u>Requested</u>
				<u>Amt. Recomm.</u>	<u>Begin. Date</u>
				<u>Stipend</u>	<u>Priority</u>
1 T01 LM 00124-01	Frank J. Bertalan University of Oklahoma Norman, Oklahoma	(Direct Costs Only)			
		01 \$35,295	17,400		
		02 39,853	20,300		
		03 45,216	23,200		
		04 54,791	29,200		
		05 56,352	29,200		
		06 65,950	35,000		
		07 67,306	35,000		

DISAPPROVAL

BRACEP
Action

DISAPPROVAL

**SUMMARY OF COUNCIL RECOMMENDATIONS
GRADUATE TRAINING GRANTS**

INSTITUTE OR DIVISION	NATIONAL LIBRARY OF MEDICINE	APPROVED				REDUCED				DISAPPROVED				COUNCIL DATE: MARCH 1967			
		NO.	AMOUNT	NO.	AMOUNT	NO.	AMOUNT	NO.	AMOUNT	NO.	AMOUNT	NO.	AMOUNT	NO.	AMOUNT	DEFERRED	AMOUNT
TYPE OF REQUEST	TOTAL REQUESTED	NO.	AMOUNT	NO.	AMOUNT	NO.	AMOUNT	NO.	AMOUNT	NO.	AMOUNT	NO.	AMOUNT	NO.	AMOUNT	NO.	AMOUNT
FY 1967																	
NEW	0 \$	0	\$	0	\$	0	\$	0	\$	0	\$	0	\$	0	\$	0	\$
RENEWAL	0	0		0		0		0		0		0		0		0	
SUPPLEMENT	0	0		0		0		0		0		0		0		0	
TOTAL	0	0	\$	0	\$	0	\$	0	\$	0	\$	0	\$	0	\$	0	\$
FY 1968																	
NEW	1	35,298		0		0		1	35,298	0		0		0		0	
RENEWAL	0			0		0		0		0		0		0		0	
SUPPLEMENT	0			0		0		0		0		0		0		0	
TOTAL	1	35,298		0		0		1	35,298	0		0		0		0	
FY 1969																	
NEW	0			0		0		0		0		0		0		0	
RENEWAL	0			0		0		0		0		0		0		0	
SUPPLEMENT	0			0		0		0		0		0		0		0	
TOTAL	0			0		0		0		0		0		0		0	
FY 1970																	
NEW	0			0		0		0		0		0		0		0	
RENEWAL	0			0		0		0		0		0		0		0	
SUPPLEMENT	0			0		0		0		0		0		0		0	
TOTAL	0			0		0		0		0		0		0		0	
GRAND TOTAL	1	\$	35,298	0	\$	0	\$	1	\$	35,298	0	\$	0	0	\$	0	\$

RESUME OF BOARD OF REGENTS RECOMMENDATIONS

MARCH 16-17, 1967

CONSTRUCTION GRANTS

<u>APPLICATION NUMBER</u>	<u>INSTITUTION</u>	<u>RECOMMENDATION</u>	<u>PRIORITY</u>
1 JO6 LM 281-C1	The Jefferson Medical College of Philadelphia Philadelphia, Pennsylvania	\$1,842,656*	158
1 JO6 LM 286-C1	Medical College of Virginia Richmond, Virginia	DEFERRAL	
1 JO6 LM 287-01	Baltimore City Hospitals Baltimore, Maryland	DISAPPROVAL	
1 JO6 LM 288-C1	University of Nebraska College of Medicine Omaha, Nebraska	1,800,000*	191
1 JO6 LM 292-01	University of Utah College of Medicine Salt Lake City, Utah	DEFERRAL	
1 JO6 LM 293-C1	Wayne State University Detroit, Michigan	1,500,000*	136
1 JO6 LM 298-C1	Rutgers, The State University New Brunswick, New Jersey	541,293*	142
1 JO6 LM 299-01	H. L. Snyder Memorial Research Foundation, Inc. Winfield, Kansas	DISAPPROVAL	
1 JO6 LM 300-01	The George Washington University Washington, D. C.	1,351,854*	150
1 JO6 LM 308-C1	The University of Texas, S.W. Medical School Dallas, Texas	DISAPPROVAL	

DUALS

FR/HM/LM 304-C1	St. Louis University School of Medicine St. Louis, Missouri	DISAPPROVAL	
HMDH/LM 312-C1	Indiana University School of Dentistry Indianapolis, Indiana	DEFERRAL	

* EXACT AMOUNTS TO BE DETERMINED

EXTRAMURAL PROGRAMS

- | | | | |
|-------|--|----------------------|---------------------|
| XI. | INTRODUCTION AND OPENING REMARKS | | Dr. Marjorie Wilson |
| XII. | REPORT OF THE ASSOCIATE DIRECTOR | TAB I
(gray book) | Dr. Marjorie Wilson |
| XIII. | COMMENTS ON REGIONAL MEDICAL LIBRARY PROGRAM | | Dr. Herman Fussler |
| XIV. | REVIEW OF COUNCIL OPERATING PROCEDURES | TAB II | Mr. David Kefauver |
| XV. | CONSIDERATION OF PENDING APPLICATIONS | | |
| | RESEARCH & PUBLICATION GRANTS | TAB III | Mr. David Kefauver |
| | TRAINING GRANTS | TAB IV | |
| | Lunch | | |
| | CONSTRUCTION GRANTS | Green Books | Dr. Carl Douglass |
| | RESOURCE GRANTS | TAB V | |
| | REGIONAL GRANT | TAB VI | |
| XVI. | OTHER BUSINESS | | Dr. William Hubbard |
| | ADJOURNMENT | | |

AGENDA

Twenty-seventh Meeting of the
BOARD OF REGENTS
Board Room
9:00 a.m., June 15-16, 1967

- I. CALL TO ORDER AND INTRODUCTORY REMARKS Dr. William Hubbard
- II. CONSIDERATION OF MINUTES OF LAST MEETING Dr. William Hubbard
TAB I
- III. DATES OF FUTURE MEETINGS Dr. William Hubbard
1967-68 Calendars in all books TAB II
(June 1968 tabulation of meetings also included)
Next Meeting - November 16-17, 1967
Subsequent Meeting - March 11-12, 1968
Selection of Meeting Date - June 1968
Possible Dates: , June 20-21, 6-7
- IV. REPORT OF THE DIRECTOR TAB III Dr. Martin Cummings
- V. REPORT ON COSATI ACTIVITIES Colonel Andrew Aines
- VI. STATUS REPORT ON SECOND GENERATION MEDLARS Dr. Joseph Leiter
TAB IV
- Lunch
- VII. SERVICE POLICIES FOR NLM TAB V Mr. James Isbister
- VIII. COPYRIGHT PROBLEMS TAB VI Mr. Samuel Waters
- IX. PROSPECTUS FOR RESEARCH AND DEVELOPMENT PROGRAM Dr. Ruth Davis
TAB VII

ADJOURNMENT

DINNER - Navy Officers' Club Cocktails - 6:30 p.m. Dinner - 7:30 p.m.

GUEST SPEAKER - Dr. William B. Bean - "Owl, The Myth and the Man"

RECONVENE - 9:00 a.m., June 16, 1967

- X. EXECUTIVE SESSION

EXTRAMURAL PROGRAMS

- | | | | |
|-------|--|----------------------|---------------------|
| XI. | INTRODUCTION AND OPENING REMARKS | | Dr. Marjorie Wilson |
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| | Lunch | | |
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| | RESOURCE GRANTS | TAB V | |
| | REGIONAL GRANT | TAB VI | |
| XVI. | OTHER BUSINESS | | Dr. William Hubbard |
| | ADJOURNMENT | | |

THE BOARD OF REGENTS
of the
NATIONAL LIBRARY OF MEDICINE

MINUTES OF THE 27TH MEETING

June 15-16, 1967 - Bethesda, Maryland

MEMBERS PRESENT: BEAN, BOHANNON, DIXON, ENGLE, FUSSLER, HUBBARD, MCDERMOTT
MUMFORD, SMITH, TAGER, WOLF, WOODHALL, ZIPF

MEMBERS ABSENT: BROWN, CARLSON, HEATON, STEWART

ALTERNATES: Brig. General George J. Hayes represented Lt. General Heaton
Captain W. F. Pierce represented Admiral Brown
Dr. F. W. Hartman represented Lt. General Bohannon
Dr. Burton W. Adkinson represented Dr. Harve Carlson

GUESTS: Colonel Andrew Aines, Executive Secretary, COSATI, OST
Mr. Bernard Feiner, Office of General Counsel, Office of
Secretary, DHEW
Dr. Robert Milch, Office of Science and Technology
Mr. Edward McClellan, representing Dr. James Lieberman,
PHS Audiovisual Facility, Communicable Disease Center, Atlanta
Mr. Alphonse Strachocki, representing Dr. Ian Mitchell,
Regional Medical Programs, NIH
Mrs. Marjorie J. Wagner, representing Mr. Walter A. Klieger,
Division of Dental Health, Bureau of Health Manpower
Mr. Theodore Lorenzen, Division of Hospital and Medical
Facilities, PHS
Mr. Herbert Hollweg, Educational and Facilities Branch,
Division of Dental Health, PHS
Mr. Arthur Broering, Office of Architecture and Engineering,
Division of Research Facilities and Resources, NIH
Dr. Francis Schmehl and Mr. David Tilson, Health Research
Facilities Branch, Division of Research Facilities and
Resources, NIH
Dr. Ilene Stewart, Executive Secretary, Advisory Committee
on Scientific Publications and History of the Life Sciences
Study Sections, Division of Research Grants, NIH
Dr. Clair Spealman, Special Study Section, DRG, NIH

STAFF:

Dr. Martin Cummings, Dr. Clifford Bachrach, Dr. John Blake,
Miss Mary E. Corning, Dr. Burnet Davis, Dr. Ruth Davis,
Dr. Carl Douglass, Dr. Malcolm S. Ferguson, Mr. Herbert Fockler,
Mr. Joseph Foley, Dr. Louis S. Gerber, Dr. Fritz P. Gluckstein,
Mr. James D. Isbister, Dr. Leonard Karel, Dr. Ann Kaufman,
Mr. David F. Kefauver, Mr. Gerald N. Kurtz, Dr. Joseph Leiter,
Mrs. Louise H. Miller, Miss Marilyn D. Miller,
Mrs. Marguerite L. Pusey, Mr. Paul C. Redmer, Dr. Charles Rice,
Mr. James P. Riley, Mr. Marcus Rosenblum, Mr. George Russell,
Dr. Andrew M. Sherrington, Dr. Norman P. Shumway,
Mr. John P. Spain, Mr. Michael Springer, Mr. Robert Walkington,
Mr. Samuel Waters, Dr. Marjorie P. Wilson

Dr. Hubbard opened the meeting of the Board of Regents by welcoming Mr. Alfred Zipf, Executive Vice President of the Bank of America, San Francisco.

NEW STAFF MEMBER

Dr. Cummings introduced Dr. Malcolm Ferguson, who had come to the Library from the National Institutes of Health.

MARCH 1967 MINUTES APPROVED, FORTHCOMING MEETINGS SCHEDULED

The minutes of the March 16-17, 1967, meeting were approved. The dates of November 16-17, 1967, and March 11-12, 1968, were reaffirmed. June 20-21 was tentatively set as the date of the second meeting in 1968.

REPORT OF THE DIRECTOR

Dr. Cummings, announcing the loss of Dr. Marjorie Wilson, Associate Director for Extramural Programs, expressed his warm thanks to her for all the contributions she has made to the NLM and wished her well in her new assignment at NIH.

The Director then put in perspective the investment on the Library in the two milieus - expenditure on health and expenditure on information services. In the first, some \$43 billion was being spent for health services, and about five percent of this went for medical research. The \$20 million spent on NLM represented about 0.05 percent of the whole. In information handling, about \$265 million was expended in the academic setting, and about \$260 million in the Federal setting, the \$20 million in this milieu representing 3.8 percent of the whole.

Because of the new program and budget procedure within the Department of Health, Education, and Welfare, Dr. Cummings said that the FY 1969 budget would be presented at the next meeting of the Board of Regents.

The Library had had a number of informal meetings with the Office of Science and Technology and the Bureau of the Budget about the Center for Biomedical Communications.

NLM had had a request to replace GRACE, its computer-driven phototypesetter, by a model of similar size, turned down by the Joint Committee on Printing. However, permission had been granted to purchase a smaller and slower Photon 713, and if one was not enough to maintain production flow, to supplement it with a second.

Dr. Cummings drew the attention of the Board to a number of donations made by private individuals to the Library. He singled out for special recognition Dr. Stanhope Bayne-Jones, Dr. Edward Cushing, Dr. Robert Livingston, Dr. Irving Page, Dr. Saul Jarcho, Dr. Chauncey Leake, and Dr. William Bean.

On its part, over the past three years, NLM had donated 100,000 book credits in the U.S. Book Exchange to new medical school libraries in this country and abroad. More recently, the Library had given the World Health Organization a XVIIth century etching depicting a plague epidemic in Rome in 1656-7. The Surgeon General and Senator Edward M. Kennedy presented the etching to Dr. Candau, the W.H.O. Director General, in a ceremony at Geneva; it will be hung in the W.H.O. Library.

The three national libraries (The Library of Congress, National Agricultural Library, and NLM) had established a working task force to achieve the following common objectives:

1. Compatibility of bibliographic data elements, or at least the development of a common basis convertible to a national standard;
2. Common outputs in catalog card production, book catalog production, and, in the future, a mechanism for the common search of the three libraries' files;
3. Development and maintenance of a national centralized pool of machine-readable data relating to serial identification and holdings. Funds had been transferred to the Library of Congress by the National Agricultural Library and NLM for this purpose; these would be supplemented by a grant from the Council on Library Resources;
4. Common vocabulary nomenclature and classification schemes.

In the international area, the Deputy Director had been working for six months as a member of the U.S. delegation to the Organization for Economic Cooperation and Development (OECD) to develop a mechanism whereby OECD could share in the MEDLARS system. OECD would provide 50,000 indexed citations in machine-readable form as quid pro quo. Several important administrative problems had still to be worked out by OECD, particularly the training of personnel.

TRANSFER TO NLM OF PHS AUDIOVISUAL FACILITY

Dr. Cummings reported that the Secretary, DHEW, had ordered the organizational transfer of the PHS Audiovisual Facility to the National Library of Medicine. Mr. Edward McClellan, the Deputy Director of the Facility, who was deputizing for Dr. Lieberman, said that the Facility looked forward to the first of July when they would be contributing to NLM's program. He showed a film transfer of the dedication ceremonies of the Community Medical Television System in Atlanta. A 2500 Megahertzian system links Emory University Hospital, the Emory School of Medicine, Grady Memorial Hospital, the Veterans Administration Hospital, the Georgia Department of Public Health and its Mental Health Institute, and the PHS Audiovisual Facility. The Surgeon General, announcing the transfer in a videotape shown at the ceremony, said that the Facility would be renamed the National Medical Audiovisual Center. Dr. Cummings welcomed the Facility to membership in the NLM family. Mr. McClellan invited Members of the Board to visit the new Center. Dr. Hubbard expressed the Board's welcome and said this transfer would enhance the possibilities of providing information to modify practitioners' practice to the patient's benefit.

VISITS ABROAD BY BOARD MEMBERS

Dr. Wolf reported on his visit to Israel to discuss critical reviews, indexing, preparation of Oral Research Abstracts, Drug Digests, and other activities funded by PL 480 funds. Dr. Woodhall had been in Australia and had discussed with the National Health and Medical Research Council the possibility of a decentralized MEDLARS center in that country.

INTER-AGENCY COMMITTEE ON SCIENTIFIC AND TECHNICAL INFORMATION (COSATI)

Col. Aines highlighted some of the important problems facing COSATI. How could one judge the need for information systems or evaluate their performance? How would communications change when consoles and computerized systems and networks were introduced? Would there be new requirements? How would the larger information systems be paid for? What would be the role of the Government, industry, the unions, and the professional societies? How will the de facto system operating today be affected by new programs, proposals, and approaches? How can the education of information users be improved? How could legal problems like copyright and patents modify the development of informational systems? How could operations research, systems analysis, and systems development be applied? Could national, federal, and international systems be developed simultaneously? How could marginal and worthless information be screened out? How could libraries be integrated into the total information complex? What was the future of the learned journal? Would information networks become sufficiently cheap to become part of everyday information systems?

Col. Aines admitted that there were currently far more problems than solutions.

STATUS REPORT ON SECOND GENERATION MEDLARS

Dr. Leiter said that after more than one year of preparatory work involving the bolstering of the present system to maintain services until a new system was installed, and developing, with the aid of a management contract, a detailed description of the functional requirements of the second generation system (Auerbach Report), the Library was entering the final phase for obtaining competitive bids prior to selection of hardware and systems design.

This phase would require an estimated period of nine months before a final contract could be anticipated. During this time a number of teams consisting of NLM staff members, members of the Auerbach staff, and a selected group of outside technical consultants would be heavily involved in planning and conducting bidders' briefings; developing criteria for selection; reviewing and evaluating the proposals; and preparing a comprehensive assessment of the proposals leading to the final selection of a contractor.

It was hoped to identify the final contract for the system by the end of Fiscal Year 1968.

SERVICE POLICIES FOR NLM

Mr. Isbister discussed the implications for the Library of PL 89-487, the Freedom of Information Act, which would become effective on July 4. The Act changed the emphasis in the information processes of the Federal Government, from a situation where an individual had to justify his claim to information to one where the Government had to justify withholding information.

DHEW was developing regulations. Reference materials in libraries would be specifically excluded from the provisions of the Act. NLM was making the necessary preparations for implementing the Act in accordance with the Department regulations.

Mr. Isbister also discussed the possibility of recovering from users some of the costs of services, in particular those of MEDLARS demand searches.

The Board resolved to reaffirm its previous policy of providing services to all qualified users without charge as a public service, but to reevaluate this policy not less than once a year.

COPYRIGHT PROBLEMS

Mr. Waters reviewed the history of copyright. Matters had been brought to a head by Williams and Wilkins, who had requested the Library to pay them 2 cents per page for copying their journals or cease copying. The Office of the General Counsel of DHEW had been asked for advice, and in the light of this the Library had resumed copying articles from Williams and Wilkins journals.

Mr. Waters reiterated NLM policy: the Library would in general not copy more than a single article, certainly not a whole issue of a journal. Individuals were restricted to a single copy.

The new Copyright Bill before Congress restates the Doctrine of Fair Use. Problems might arise, however, if abstracts were included in the MEDLARS system. Preservation filming of published materials would constitute infringement and the Director had consulted with the other national libraries about requesting an amendment which would permit these three libraries to copy published materials for preservation. A meeting in the fall would gauge the reaction of publishers to this possibility.

The projected Graphic Image program would also be affected. The idea here was to film materials in advance and store this in a mechanically retrievable form, which could be printed out automatically. Providing copies of this store to regional medical libraries would raise problems. Transmission of copies off-site by facsimile transmission was, by implication, not permissible.

Mr. Waters thought that the Library's position was materially worsened by the new Bill. He noted that COSATI was recommending that the Bill should be amended so that National Information Systems were exempted from actions for infringement, especially with regard to making single copies for research, preservation copies, and inputting abstracts. Also, Senator McClellan had decided to support legislation to establish a national commission to study copyright and make recommendations.

Mr. Feiner, of the Office of the General Counsel, confirmed that there was no test case on photocopying by libraries. It would be open to an aggrieved party to file suit against the Government in a Court of Claims. This suit had to be for pecuniary damages; and it protected individual employees since the suit would have to be against the Government. There was a case involving another Federal agency pending under this mechanism.

Inputting material into a computer would not constitute infringement until it was output.

Mr. Feiner considered that the damage to the Library might be in what the Bill does not include, and the fact that certain areas are not clarified.

Dr. Hubbard thanked the Office of General Counsel on behalf of the Board.

The Board expressed its approval and appreciation for the Director and staff in the action they had taken in regard to copyright.

NLM RESEARCH AND DEVELOPMENT PROGRAM

Dr. Ruth Davis, Associate Director for Research and Development, outlined her proposed program. The Board passed the following resolution:

The Board of Regents of the National Library of Medicine enthusiastically endorses the Research and Development Program in Biomedical Communications as presented to the Board and as transmitted to the Office of the Surgeon General. In particular, the Board supports fully the concept of directed research and development. The Board recognizes an urgent need to improve all facets of biomedical communication and supports NLM's plan to approach this objective through a combination of intramural expertise and extramural capability.

The Board believes that the objectives of the Research and Development Program stated below reflect accurately those areas in which the application of technology offers the greatest potential for effecting significant advances in biomedical communication practices. To ensure progress towards these objectives the Board strongly urges the Surgeon General to give his full support to the five-year program of manpower, contract funding, and facilities requirements submitted by the NLM.

Objectives of the Research and Development Program

1. An automated document-handling (library) network
2. Automated information-handling networks
3. System management through system monitoring, system adaptivity, controlled feed-back and application of control system procedures
4. Experimentation with communications systems in controlled environments: observation and evaluation of operational systems to identify system parameters, system inadequacies, and component relationships

5. Structuring of query languages, information banks, and document collections to provide direct communication by the biomedical professional
6. Automated assistance in medical problem solving
7. Application of advanced techniques to specific needs of the individual biomedical professional, e. g., requirements for color in communication, remote browsing, and high resolution material transmission
8. Education through automated information and communications networks.

The Board of Regents is satisfied that the NLM now has the capability to implement such a program under the technical leadership of Dr. Ruth Davis who demonstrated her ability to identify the principal problems to be solved and particularly to organize approaches to the solution of these problems.

WILLIAM A. JUMP MEMORIAL AWARD

Dr. Cummings announced that Mr. James Ishister, NLM Executive Officer, had been accorded special recognition by the William A. Jump Memorial Committee.

SURGEON GENERAL'S MAJOR PROGRAM OBJECTIVES FOR 1973

Dr. Cummings read to the Board the section entitled "Non-allocable Scientific and Medical Information" which dealt with the Library's Program.

EXTRAMURAL PROGRAMS 1/ 2/ 3/

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- 1/ Proceedings of meetings are restricted unless cleared by the Office of the Surgeon General. The restriction relates to all material submitted for discussion at the meetings, the agenda for the meetings, the supplemental material, and all other official documents.
 - 2/ For the record, it is noted that members absent themselves from the meeting room when the Committee has under individual discussion applications (a) from their respective institutions or (b) in which a conflict of interest might occur.
 - 3/ The Board of Regents, when considering the Extramural Programs of the NLM, also consists of the Board of Regents Advisory Council for Extramural Programs and National Medical Libraries Assistance Advisory Board and concurrently discharges the responsibilities of all three bodies.

EXTRAMURAL PROGRAMS

REPORT OF THE ASSOCIATE
DIRECTOR FOR EXTRAMURAL PROGRAMS

The Associate Director for Extramural Programs reported on developments, accomplishments, and plans for the extramural programs which include support for the construction and improvement of medical libraries and other health science information centers and resources, training of health science information specialists, research on techniques and systems for biomedical information communication and the establishment of regional medical libraries.

REVIEW OF APPLICATIONS NEEDING SPECIAL
 CONSIDERATION BY THE BOARD OF REGENTS SUBCOMMITTEE
FOR EXTRAMURAL PROGRAMS

The Subcommittee met with the Extramural staff on June 14, 1967, to discuss certain research and training grant applications which required special consideration such as those applications requesting more than \$50,000 per year.

CONSIDERATION OF PENDING APPLICATIONS

Review of Grant Applications

The Board of Regents acting concurrently as the Board of Regents Advisory Council for Extramural Programs and as the National Medical Libraries Assistance Advisory Board, reviewed the following grant applications:

Research Grants	Reviewed	28 totaling	\$ 708,877
	Approved	9 totaling	145,021
Training Grants	Reviewed	2 totaling	167,912
	Approved	2 totaling	167,912
Resource Grants	Reviewed	60	
	Approved	36	
	Deferred	15	
	Disapproved	9	
Construction Grants	Reviewed	7 totaling	5,244,567
	Approved	4 totaling	552,241
	Deferred	3	
Regional Medical Library Grant	Reviewed	1 totaling	104,872
	Approved	1 totaling	104,872

Approval was recommended for the following library construction grant applications:

- 1 J06 LM 00333-01 Scott and White Memorial Hospital, Temple, Texas
- 1 J06 LM 00338-01 Postgraduate Center for Mental Health, New York, N.Y.
- 1 J06 LM 00348-01 Southern School of Pharmacy of Mercer University, Atlanta, Georgia
- 1 J06 LM 00350-01 Roger Williams General Hospital, Providence, R.I.

Approval was recommended for the following regional medical library grant:

- 1 P14 LM 00476 Francis A. Countway Library of Medicine, Harvard Medical School, Boston, Massachusetts

RESOLUTIONS OF APPRECIATION

The Board adopted resolutions expressing appreciation for the outstanding service which Dr. Marjorie Wilson and Dr. Carl Douglass have given to the National Library of Medicine. The Board was pleased to learn that Mr. David Kefauver had accepted the position of Associate Director for Extramural Programs. The Board expressed appreciation to Dr. William Hubbard for his service as Chairman of the Board during the past two years.

Respectfully submitted,



Martin M. Cummings
Secretary to the Board of Regents
National Library of Medicine

NATIONAL LIBRARY OF MEDICINE

RESUME OF BOARD OF REGENTS RECOMMENDATIONS

June 15 - 16, 1967

RESEARCH & PUBLICATION GRANT APPLICATIONS - RESUME OF COUNCIL RECOMMENDATIONS

<u>Application No., Investigator and Institution</u>	<u>Initial Review Group</u>	<u>FY</u>	<u>Year</u>	<u>Requested</u>	<u>IRG Recommendation</u>	<u>Approval</u>	<u>BRACEP Recommendations Priority</u>	<u>Other</u>
2 R01 LM 00003-08 (Pub1) Tremaine, Marie The Arctic Institute of North America Washington, D.C. "Abstract Medical Literature for Arctic Bibliography"	BCM	67	08	\$ 18,794	\$ 18,794	\$ 18,794	157	
			09	18,794	18,794	18,794		
			10	18,794	18,794	18,794		
			11	18,794	18,794	18,794		
			12	18,794	18,794	18,794		
			13	18,794	18,794	18,794		
			14	18,794	18,794	18,794		

3 R01 LM 00061-01S1 \$ 7,600 \$ 7,600 \$ 7,600 100

HLS

(AHR)

Miller, Genevieve
Cleveland Medical Library Association
Cleveland, Ohio
"Teaching of Medical History in
U.S. and Canada"

1 R01 LM ES 00358-01 (Pub1) Shilling, Charles W. George Washington University Washington, D.C. "Evaluative Studies in Environmental Health Sciences"	BCM	67	01	\$ 33,999	Disapproval		Dis.
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RESEARCH & PUBLICATION GRANT APPLICATIONS - RESUME OF COUNCIL RECOMMENDATIONS

<u>Application No., Investigator and Institution</u>	<u>Initial Review Group</u>	<u>FY</u>	<u>Year</u>	<u>Requested</u>	<u>IRG Recommendation</u>	<u>BRACEP Approval</u>	<u>Other Priority</u>
1 R01 IM AI 00411-01 (Pub1) Anastos, George University of Maryland College Park, Maryland "Ticks, Hosts, Distribution and Disease Transmission"	TMP	68	01 02 03	\$ 38,151 34,129 38,735	38,151 34,129 38,735	\$ 38,151 34,129 38,735	200
1 R01 IM 00413-01 (Pub1) Hoge, Alphonse R. Smithsonian Institution Washington, D.C. "Monographic Study of the Pit Vipers of the World"	SSS	68	01	\$ 21,653	\$ 18,503	\$ 18,503	300
1 R01 IM 00419-01 (Pub1) Reppen, Joseph The Roosevelt Hospital New York, New York "An Annotated Bibliography of Psychoanalytic Literature"	BCM	68	01	\$ 10,000	Disapproval		Dis.
1 R01 IM 00420-01 Truelson, Stanley D., Jr. Yale University New Haven, Connecticut "Cataloging the Fry Collection of Medical Prints"	BCM	68	01 02 03	\$ 7,623 2,273 1,923	Disapproval		Dis.

RESEARCH & PUBLICATION GRANT APPLICATIONS - RESULTS OF COUNCIL RECOMMENDATIONS

Application No., Investigator and Institution	Initial Review Group	FY	Year	Requested	Recommendation	BRACEP Recommendations	
						Approval	Other
1 R01 LM 00421-01 Pings, Vern M. Wayne State University Detroit, Michigan "Symposia and Conferences Published in Serials"	BCM	68	01	\$ 4,125	Disapproval		Dis.
			02	3,660			
			03	3,750			
1 R01 LM 00423-01 Howard, R. Palmer University of Oklahoma Medical Center Oklahoma City, Oklahoma "Research in Medical History of Oklahoma Territories"	HLS	68	01	\$ 41,130	Deferral		Def.
			02	45,093			
			03	45,511			
1 R01 LM 00424-01 Weigley, Emma S. Individual Philadelphia, Pennsylvania "Sarah Tyson Rorer, 1849-1937, A Biographical Study"	HLS	68	01	\$ 2,500	Disapproval		Dis.
1 R01 LM 00425-01 Farley, Myron Foster Individual Newberry, South Carolina "Yellow Fever in Nineteenth Century Charleston"	HLS	68	01	\$ 1,312	Disapproval		Dis.

RESEARCH & PUBLICATION GRANT APPLICATIONS - RESUME OF COUNCIL RECOMMENDATIONS

<u>Application No., Investigator and Institution</u>	<u>Initial Review Group</u>	<u>FY</u>	<u>Year</u>	<u>Requested</u>	<u>IRG Recommendation</u>	<u>BRACEP Recommendations Approval</u>	<u>Priority</u>	<u>Other</u>
1 R01 LM 00426-01 Rees, Alan M. Western Reserve University Cleveland, Ohio "Study of Usage and Impact of an Abstracts Publication"	BCM	68	01 02	\$ 49,194 27,529	Disapproval			Dis.
1 R01 LM 00427-01 Hayter, Earl Wiley Northern Illinois University DeKalb, Illinois "American Livestock Doctors: From Folklore to Science"	HLS	67	01 02	\$ 9,400 130	9,400 130	\$ 9,400 130	360	
1 R01 LM 00428-01 Lamson, Baldwin G. University of California Los Angeles Hospital and School of Medicine Los Angeles, California "Medical English Storage & Retrieval"	COM	68	01 02 03	\$ 93,130 71,412 74,386	Disapproval			Dis.
1 R01 LM 00429-01 Fremont-Smith, Frank The New York Academy of Sciences New York, New York "Audio-visual Profiles in Biology and Medicine"	BCM	68	01	\$ 11,656	Disapproval			Dis.

RESEARCH & PUBLICATION GRANT APPLICATIONS - SUMMARY OF COUNCIL RECOMMENDATIONS

Application No., Investigator and Institution	Initial Review Group	FY	Year	Requested	IRG Recommendation	Approval	Priority	Other
1 R01 LM 00430-01 Mansoor, Menahem University of Wisconsin Madison, Wisconsin "History of Medicine: Dictionary and Bibliographies"	HLS	68	01 02	\$ 20,550 25,500	Deferral			Def.
1 R01 LM 00431-01 (Publ) Golden, Theodore L. Leahurst Medical College Nashville, Tennessee "Lupus Erythematosus. A Bibliography"	ECM	68	01	\$ 22,507	Disapproval			Dis.
1 R01 LM 00432-01 (Publ) Pelter, Jacqueline H. The Medical Library Center of New York New York, New York "Union Catalog of Biomedical Congresses"	ECM	68	01 02	\$ 50,414 40,200	Disapproval			Dis.
1 R01 LM 00433-01 Johnson, Thomas J. Pennsylvania State University University Park, Pennsylvania "A Computer Method to eliminate Cataloging Redundancy"	ECM	68	01	\$ 45,432	Disapproval			Dis.

RESEARCH & PUBLICATION GRANT APPLICATIONS - RESUME OF COUNCIL RECOMMENDATIONS

Application No., Investigator and Institution	Initial Review Group	FY	Year	Requested	IRG Recommendation	BRACEP Recommendations Approval Priority Other	Dis.
1 R01 LM CH 00434-01 Miller, George E. University of Illinois Chicago, Illinois "Computer Simulation of Clinical Encounters"	NSS	68	01 02	\$ 104,920 \$ 108,250	104,920 108,250 (300)		Dis.
1 R01 LM 00435-01 Bishop, David University of Arizona Tucson, Arizona "Medical Oral History Program"	NSS	68	01 02 03 04	\$ 14,058 \$ 14,808 \$ 15,616 \$ 16,533	Disapproval		Dis.
1 R01 L1 00453-01 Hoff, Hebbel E. Baylor University College of Medicine Houston, Texas "Studies in the History of Physiology"	HLS	68	01 02 03 04 05	\$ 14,070 \$ 14,120 \$ 12,140 \$ 12,160 \$ 12,180	5,935 5,960 5,970 5,985 5,990	\$ 5,935 \$ 5,960 \$ 5,970 \$ 5,985 \$ 5,990	225
1 R01 LM DE 00454-01 (Publ) Thoma, Kurt H. Individual Brookline, Massachusetts "Endocrine Interrelationships - Oral Manifestations"	DEN (AHR)	67	01	\$ 6,891	Disapproval		Dis.

RESEARCH & PUBLICATION GRANT APPLICATIONS - RESUME OF COUNCIL RECOMMENDATIONS

<u>Application No., Investigator and Institution</u>	<u>Initial Review Group</u>	<u>FY</u>	<u>Year</u>	<u>Requested</u>	<u>IRG Recommendation</u>	<u>BRACEP Recommendation Approval</u>	<u>Priority</u>	<u>Other</u>
1 R01 LI AI 00455-01 Goffman, William Western Reserve University Cleveland, Ohio "Mathematical Study of Schistosomiasis Research"	BCM	68	01	\$ 16,448	\$ 16,448	\$ 16,448		116
9 R01 LM 00495-04 (Pub1) Formerly 2R01-GM-11,953-04 Romanoff, Alexis L. Cornell University Ithaca, New York "Biochemical-Pathological Studies of the Avian Embryo"	CBYB	68	04 05 06	\$ 13,707 13,896 14,091	\$ 13,707 13,896 14,091	\$ 13,707 13,896 14,091		262
1 R01 LM 00499-01 Formerly IR01 AI LM 08035-01 Buchanan, Robert E. Iowa State University Ames, Iowa "Evaluation of Names of Taxa for Bergey's Manual Ed. 6"	BMA	67	01 02	\$ 18,000 22,000	\$ 18,000 22,000	\$ 13,000 22,000		218

DUAL IN-2ND INSTITUTE - RESUME OF COUNCIL RECOMMENDATIONS
RESEARCH & PUBLICATION GRANT APPLICATION - RESUME OF COUNCIL RECOMMENDATIONS

Application No., Investigator and Institution	Initial Review Group	FY	Year	Requested	IRG Recommendation	BRACEP Approval	Recommendation Priority	Other
C R13 DH 00129-04 Dual LM Hudson, James F. The Ohio State University Columbus, Ohio "Dental Editors Workshop"	NSS	68	04	\$ 11,990	\$ 11,990	\$ 11,990	133	
2 R01 NB 05006-05 Dual LM (Publ) Corson, Samuel A. Ohio State University Research Foundation Columbus, Ohio "Survey of Cerebrovisceral Physiology in the U.S.S.R."	BCM	68	05	\$ 17,500	Disapproval			Dis.
2 R01 GM 12635-04 Dual LM (Publ) Swindler, Deris R. Michigan State University East Lansing, Michigan "Anatomy of Primates"	SSS	68	04	\$ 26,356	\$ 26,356	\$ 26,356	151	
			05	26,356	26,356	26,356		
			06	26,356	26,356	26,356		
			07	26,356				
			08	26,356				
1 R01 IH 13982-01 Dual LM (Publ) Volkart, Edmund H. American Sociological Association Washington, D.C. "Support of Journal of Health and Social Behavior"	SSR	68	01	\$ 7,800	\$ 7,800	\$ 7,800	187	
			02	6,900	6,900	6,900		
			03	4,150	4,150	4,150		

COMPETING RESEARCH GRANTS
SUMMARY OF COUNCIL RECOMMENDATIONS
TRADITIONAL PROJECT GRANTS (RESEARCH & PUBLICATION)

INSTITUTE OR DIVISION: NATIONAL LIBRARY OF MEDICINE		COUNCIL DATE: JUNE 1967								
TYPE OF REQUEST	TOTAL REQUESTED		APPROVED		REDUCED		DISAPPROVED		DEFERRED	
	NO.	AMOUNT	NO.	AMOUNT	NO.	AMOUNT	NO.	AMOUNT	NO.	AMOUNT
FY 1967										
New	4	\$68,290	2	\$27,400	0	0	2	\$40,890	0	0
Renewal	1	18,794	1	18,794	0	0	0	0	0	0
Supplement	1	7,600	1	7,600	0	0	0	0	0	0
Total	6	94,684	4	53,794	0	0	2	40,890	0	0
FY 1968										
New	19	576,903	4	79,037	2	\$11,285	13	424,901	2	\$61,680
Renewal	1	13,707	1	13,767	0	0	0	0	0	0
Supplement	0	0	0	0	0	0	0	0	0	0
Total	20	590,610	5	92,744	2	11,285	13	424,901	2	61,680
FY 1969										
New	0	0	0	0	0	0	0	0	0	0
Renewal	0	0	0	0	0	0	0	0	0	0
Supplement	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
FY 1970										
New	0	0	0	0	0	0	0	0	0	0
Renewal	0	0	0	0	0	0	0	0	0	0
Supplement	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Grand Total	26	\$685,294	9	\$146,538	2	\$11,285	15	\$465,791	2	\$61,680

RESUME OF COUNCIL RECOMMENDATIONS

NATIONAL LIBRARY OF MEDICINE

BOARD OF REGENTS

JUNE 15 - 16, 1967

TRAINING GRANTS

<u>Grant Number</u>	<u>Program Director & Institution</u> <u>Year, Amt. Req. Stipend</u>	<u>Committee Recommendation</u> <u>Amt. Recomen. Stipend</u>	<u>Requested</u> <u>Begin, Date</u> <u>Priority</u>	<u>BRACEP</u> <u>Action</u>
3 T01 LM 00106-02S1 MT	(Direct Costs Only) Brodman, Estelle Washington University St. Louis, Missouri	APPROVAL	07/01/67 114	APPROVAL
	02S1 \$ 7,912 \$ 5,500	\$ 7,912		
	03S1 7,912 5,500	7,912		
	04S1 7,912 5,500	7,912		
	05S1 7,912 5,500	7,912		
1 T01 LM 00125-01 MT	Unglaub, Walter G. Tulane University New Orleans, Louisiana	APPROVAL	07/01/67 144	APPROVAL
	01 \$254,182 \$ 75,900	\$160,000		\$ 56,400
	02 248,612 75,900	160,000		56,400
	03 255,658 75,900	160,000		56,400
	04 262,041 75,900	- -		- -
	05 269,935 75,900	- -		- -

TRAINING GRANTS

<u>Grant Number</u>	<u>Program Director & Institution</u> <u>Year, Amt. Req. Stipend</u>	<u>Committee Recommendation</u> <u>Amt. Recomm. Stipend</u>	<u>Requested</u> <u>Begin. Date</u> <u>Priority</u>	<u>BRACEP</u> <u>Action</u>
1 T01 L4 00126-01 MT	Pings, Vera M Wayne State University Detroit, Michigan	DEFERRAL	07/01/67	DEFERRAL
	01 \$ 29,139			
	02 49,514			
	03 53,850			

SUMMARY OF COUNCIL RECOMMENDATIONS
GRADUATE TRAINING GRANTS

INSTITUTE OR DIVISION: NATIONAL LIBRARY OF MEDICINE		COUNCIL DATE JUNE 1967							
TYPE OF REQUEST	TOTAL REQUESTED NO.	APPROVED		REDUCED		DISAPPROVED		DEFERRED	
		NO.	AMOUNT	NO.	AMOUNT	NO.	AMOUNT	NO.	AMOUNT
FY 1967									
New	0	0	\$	0	\$	0	\$	0	\$
Renewal	0	0		0		0		0	
Supplement	1	1	7,912	0	7,912	0		0	
Total	1	1	7,912	0	7,912	0		0	
FY 1968									
New	2	1	160,000	1	94,182	0		1	29,139
Renewal	0	0		0		0		0	
Supplement	0	0		0		0		0	
Total	2	1	160,000	1	94,182	0		1	29,139
FY 1969									
New	0	0		0		0		0	
Renewal	0	0		0		0		0	
Supplement	0	0		0		0		0	
Total	0	0		0		0		0	
FY 1970									
New	0	0		0		0		0	
Renewal	0	0		0		0		0	
Supplement	0	0		0		0		0	
Total	0	0		0		0		0	
Grand Total	3	2	167,912	1	94,182	0		1	29,139

RESUME OF BOARD OF REGENTS RECOMMENDATIONS
June 16 - 17, 1967

Resource Grants

APPLICATION NO. P12 - L1 -	INSTITUTION - ADDRESS	RECOMMENDATION OR ENTITLEMENT	PRIORITY
00105-01	Mercy Hospital Muskegon, Michigan	\$ 1,696	450
00148-01	University of Toledo College of Pharmacy Toledo, Ohio	1,997	325
00180-01	Bronson Methodist Hospital Kalamazoo, Michigan	DISAPPROVAL	
00299-01	Shasta Memorial Neurovascular and Rehabilitation Institute Redding, California	DEFERRAL	
00338-01	Brookdale Hospital Center Brooklyn, New York	3,823	310
00343-01	St. Anthony Hospital Denver, Colorado	1,239	375
00364-01	Texas Institute for Rehabilitation and Research Hospital Houston, Texas	1,211	275
00365-01	Montana State University School of Nursing Bozeman, Montana	DISAPPROVAL	
00366-01	University of Montana School of Pharmacy Missoula, Montana	DEFERRAL	
00367-01	Willc Eye Hospital and Research Institute Philadelphia, Pennsylvania	1,900	267
00373-01	Weld County General Hospital Greeley, Colorado	DEFERRAL	
00381-01	Medical Library of Mecklenburg County Charlotte, North Carolina	4,011	436
00385-01	University of California Health Sciences Library San Francisco, California	50,000	150

Resource Grants

APPLICATION NO. P12 - LM -	INSTITUTION - ADDRESS	RECOMMENDATION OR ENTITLEMENT	PRIORITY
00390-01	American Optometric Association St. Louis, Missouri	\$ 6,080	473
00391-01	Hennepin County Medical Society Minneapolis, Minnesota	3,642	482
00400-01	A. Barton Hepburn Hospital Ogdensburg, New York	DISAPPROVAL	
00406-01	Wheeling Hospital Wheeling, West Virginia	DISAPPROVAL	
00410-01	DeWitt State Hospital Auburn, California	3,352	417
00412-01	Herrick Memorial Hospital Berkeley, California	DISAPPROVAL	
00413-01	Florida State Board of Health Jacksonville, Florida	8,249	283
00414-01	Crouse-Irving Hospital Syracuse, New York	1,712	375
00415-01	Mercy Hospital School of Nursing Johnstown, Pennsylvania	DEFERRAL	
00416-01	Mercy School of Nursing Charlotte, North Carolina	DISAPPROVAL	
00417-01	City of Hope Medical Center Duarte, California	11,575	217
00436-01	Mercy Hospital School of Nursing Altoona, Pennsylvania	DISAPPROVAL	
00437-01	Chicago Medical School Chicago, Illinois	16,685	150
00438-01	St. Joseph's Hospital Yonkers, New York	3,203	417
00439-01	Loretto Hospital Chicago, Illinois	DISAPPROVAL	
00440-01	Tampa General Hospital Tampa, Florida	DEFERRAL	

Resource Grants

APPLICATION NO. P12 - LI -	INSTITUTION - ADDRESS	RECOMMENDATION OR ENTITLEMENT	PRIORITY
00441-01	Warren State Hospital Warren, Pennsylvania	\$ 5,161	300
00442-01	Middletown State Hospital Middletown, New York	4,360	325
00443-01	Holy Family Hospital Atlanta, Georgia	DEFERRAL	
00444-01	Maui Memorial Hospital Wailuku, Maui, Hawaii	DEFERRAL	
00445-01	D'Youville College Buffalo, New York	DEFERRAL	
00446-01	New Jersey State Hospital Marlboro, Monmouth County New Jersey	2,940	400
00447-01	St. Peter's Hospital Helena, Montana	DEFERRAL	
00448-01	Continental Research Institute New York, New York	DISAPPROVAL	
00449-01	Wesley Medical Center Wichita, Kansas	5,302	325
00450-01	Beekman-Downtown Hospital New York, New York	2,993	400
00451-01	Annie M. Warner Hospital Gettysburg, Pennsylvania	DEFERRAL	
00452-01	South Dakota State University College of Nursing and College of Pharmacy Brookings, South Dakota	0,500	320
00456-01	Cleveland State Hospital Cleveland, Ohio	2,502	300
00457-01	New Hanover Memorial Hospital Wilmington, North Carolina	DEFERRAL	
00458-01	Fairview State Hospital Costa Mesa, California	2,725	400
00459-01	Children's Memorial Hospital Chicago, Illinois	7,195	255

Resource Grants

APPLICATION NO. P12 - LM -	INSTITUTION - ADDRESS	RECOMMENDATION OR ENTITLEMENT	PRIORITY
00460-01	University of Chicago Library Chicago, Illinois	\$ 27,033	100
00461-01	Institutum Divi Thomae Cincinnati, Ohio	1,603	336
00462-01	Evanston Hospital Evanston, Illinois	4,627	313
00463-01	Michael Reese Hospital and Medical Center Chicago, Illinois	13,043	164
00464-01	New Jersey College of Medicine and Dentistry Jersey City, New Jersey	19,298	127
00465-01	Boston College School of Nursing Cushing Hall Chestnut Hill, Massachusetts	7,210	132
00466-01	Department of Health and Hospitals, Inc. Boston, Massachusetts	4,392	270
00467-01	Ohio Northern University College of Pharmacy Ada, Ohio	DEFERRAL	
00468-01	Houston State Psychiatric Institute Houston, Texas	5,959	350
00469-01	Research Foundation for Mental Hygiene, Inc., New York State Department of Mental Hygiene New York, New York	10,666	270
00470-01	Delaware State Hospital New Castle, Delaware	2,468	420
00471-01	North Dakota State University Fargo, North Dakota	DEFERRAL	
00472-01	St. Francis Hospital Grant Island, Nebraska	DEFERRAL	

Resource Grants

APPLICATION NO. P12 - LI -	INSTITUTION - ADDRESS	RECOMMENDATION OR ENTITLEMENT	PRIORITY
00473-01	Roosevelt Hospital New York, New York	\$ 5,677	290
00474-01	San Francisco Psychoanalytic Institute and Society San Francisco, California	DEFERRAL	

RESUME OF BOARD OF REGENTS RECOMMENDATIONS

JUNE 15 & 16, 1967

CONSTRUCTION GRANTS

<u>Grant No.</u>	<u>Institution</u>	<u>Grant Recommended</u>	<u>Priority Score</u>
1 JO6 LM 00333-01 (J)	Scott and White Memorial Hospital Temple, Texas	\$ 218,444	277
1 JO6 LM 00337-01	University of Massachusetts School of Medicine Worcester, Massachusetts	DEFERRAL	
1 JO6 LM 00338-01	Postgraduate Center for Mental Health New York, New York	99,780	200
1 JO6 LM 00340-01 (J)	Southern College of Optometry Memphis, Shelby, Tennessee	DEFERRAL	
1 JO6 LM 00345-01	The University of Texas Medical Branch Galveston, Texas	DEFERRAL	
1 JO6 LM 00348-01 (J)	Southern School of Pharmacy of Mercer University Atlanta, Georgia	167,196	195
1 JO6 LM 00350-01	Roger Williams General Hospital Providence, Rhode Island	66,821	377

RESUME OF BOARD OF REGENTS RECOMMENDATIONS

JUNE 15 - 16, 1967

Regional Medical Library Grants

<u>APPLICATION NO.</u>	<u>INSTITUTION - ADDRESS</u>	<u>AMOUNT</u>	<u>RECOMMENDATION</u>
1 P14 LM 00476-01	Francis A. Countway Library of Medicine Boston, Massachusetts	\$104,872	Approval

AGENDA

Twenty-eighth Meeting of the
BOARD OF REGENTS
Board Room
National Library of Medicine
9:00 a.m., November 16-17, 1967

- I. CALL TO ORDER AND INTRODUCTORY REMARKS Dr. Barnes Woodhall
- II. CONSIDERATION OF MINUTES OF LAST MEETING Dr. Barnes Woodhall
TAB I
(orange book)
- III. DATES OF FUTURE MEETINGS Dr. Barnes Woodhall
1968 Calendars in all books TAB II
Next Meeting - March 11-12, 1968
Subsequent Meeting - June 20-21, 1968
Selection of Meeting Date - November 1968
Possible Dates: 7-8, 14-15, 21-22
- IV. OPENING REMARKS FROM THE SURGEON GENERAL
- V. REPORT OF THE DIRECTOR TAB III Dr. Martin Cummings
- VI. DRAFT REGULATIONS FOR NLM TAB IV Mr. Scott Adams
- VII. A. DESCRIPTION OF MODIFIED NLM NETWORK PLAN Dr. Ruth Davis
(as defined in Request for Proposal for
new MEDLARS system)
B. ELEMENTS OF NLM INTERACTION AND CONTROL Dr. Joseph Leiter
C. IMPLICATIONS FOR THE FUNDING OF REGIONAL Mr. David Kefauver
LIBRARIES TAB V
- VIII. REPORT ON OVERSEAS MEDLARS CENTERS Dr. William Bean
- LUNCH
- IX. CONSTRUCTION GRANT PROGRAM REVIEW Mr. Robert Walkington
- X. CONSIDERATION OF PENDING GRANT APPLICATIONS
TAB I
(gray book)

THE BOARD OF REGENTS
of the
NATIONAL LIBRARY OF MEDICINE

MINUTES OF THE 28TH MEETING

November 16-17, 1967 - Bethesda, Maryland

MEMBERS PRESENT: AUGENSTEIN, BEAN, BOHANNON, BROWN, CARLSON, EBERT, MCDERMOTT,
MUMFORD, SMITH, STEWART, TAGER, WAGMAN, WOLF, WOODHALL, ZIPF

MEMBERS ABSENT: ENGLE, HEATON

ALTERNATES: Dr. John J. Downey represented Vice Admiral Brown the
afternoon of the first day and all of the second day

Dr. F. W. Hartman represented Lt. General Bohannon the
afternoon of the first day and all of the second day

Brig. General George J. Hayes represented Lt. General Heaton
both days

Dr. Harold Schoolman represented Dr. H. Martin Engle both days

GUESTS: Dr. Edward Offutt and Mr. Clarence Lowe represented the
Office of the Surgeon General

Dr. Samuel Koslov, Rand Corporation

Dr. Frank Husted and Mr. Alphonse Strachocki, Division of
Regional Medical Programs, NIH

Mrs. Ileen Stewart, Scientific Publications Advisory Committee
and History of the Life Sciences Study Sections, Division of
Research Grants, NIH

Dr. Wilton M. Fisher, Executive Secretary, General Medicine "A"
Study Section, Division of Research Grants, NIH

Dr. Bengt Liljeroot represented Mr. David Tilson, Division of
Research Facilities and Resources, NIH

Miss Karen Hansen represented Mr. Henry Cram, Division of
Physician Manpower, PHS

Dr. Foster Mohrhardt, Director, National Agricultural Library

Dr. Fred Cole, President, Council on Library Resources, Inc.

Dr. Stephen McCarthy, Executive Director, Association of
Research Libraries

Mr. Arthur Broering, Office of Architecture and Engineering,
Division of Research Facilities and Resources, NIH

Dr. E. Grey Dimond, Scholar-in-Residence, NLM

STAFF:

Dr. Martin M. Cummings, Mr. Scott Adams, Dr. Clifford A. Bachrach,
Dr. John B. Blake, Dr. Jeanne Brand, Mr. Ray Brown,
Mr. Lawrence K. Coffin, Miss Mary E. Corning, Dr. Burnet M. Davis,
Dr. Ruth M. Davis, Mr. Allan P. Doris, Dr. Malcolm Ferguson,
Mr. Herbert H. Fockler, Mr. Joseph B. Foley, Dr. Louis S. Gerber,
Mr. David Gull, Dr. Raquel S. Halegua, Mr. Charles F. Herbert,
Mr. James G. Hill, Mr. James D. Isbister, Mr. Thomas Joyce,
Dr. Ann A. Kaufman, Mr. David F. Kefauver, Mr. Gerald N. Kurtz,
Dr. Joseph Leiter, Dr. James Lieberman, Dr. Kenneth C. Lynn,
Mr. Davis B. McCarn, Mr. Robert B. Mehnert, Mrs. Louise H. Miller,
Miss Marilyn D. Miller, Mr. James P. Riley, Mr. George F. Russell, Jr.,
Dr. Norman P. Shumway, Mr. Ralph Simmons, Mr. Stanley Smith,
Mr. John P. Spain, Mr. John A. Timour, Dr. Margaret Urist,
Mr. Robert A. Walkington, Mr. Samuel T. Waters.

NEW BOARD MEMBERS WELCOMED

Robert H. Ebert, M.D., Ph.D., Dean of the Harvard Medical School, Frederick H. Wagman, Ph.D., Director of the University of Michigan Library, and Bruno W. Augenstein, Vice President for Research, RAND Corporation, were welcomed to the Board of Regents by Dr. Woodhall.

RETIREMENT OF BOARD MEMBER

Dr. Cummings drew the attention of the Board to the lobby exhibit on space medicine, in honor of Lt. General Richard L. Bohannon who will be retiring November 30 as Surgeon General of the Air Force.

NEW STAFF MEMBERS

Dr. Cummings introduced several new NLM staff members to the Board:

1. Mr. Davis B. McCarn, Deputy Associate Director, Office of Research and Development
2. Mr. Ralph A. Simmons, Head, Information Science and Computer Science Group, Office of Research and Development
3. Mr. Thomas Joyce, Program Operations Manager, Office of the Director
4. Mr. Stanley Smith, Acting Chief, Technical Services Division
5. Mr. George F. Russell, Jr., Executive Officer

Dr. Cummings noted with regret the leaving of Mr. James D. Isbister, Executive Officer, who will assume a new post with the National Institute of Mental Health.

JUNE 1967 MINUTES APPROVED, FORTHCOMING MEETINGS SCHEDULED

The minutes of the June 15-16, 1967, meeting were approved. The dates of March 11-12 and June 20-21, 1968, were reaffirmed. November 7-8 was tentatively set as the date of the third meeting in 1968. The March 12, 1968 session will be held at the National Medical Audiovisual Center, Atlanta, Ga.

REPORT OF THE DIRECTOR

Dr. Cummings summarized for the Board the history of the 1968 and 1969 budget estimates. The program base for Fiscal Year 1968 totals \$21,674,000, consisting of funds appropriated for NLM of \$19,912,000 and \$1,762,000 in funds transferred from the Communicable Disease Center for the National Medical Audiovisual Center. The preliminary request to the Public Health Service for Fiscal Year 1969 was 838 positions and \$43,788,000 and was forwarded to the Department without change. DHEW applied a reduction of \$11,713,000 and 114 positions leaving a first allowance of 724 positions \$32,075,000. Subsequently, a second DHEW allowance reduced the amounts to 723 positions and \$28,863,000.

The Director forecast stringent personnel restrictions and actual cuts in 1968 funds and significant further reductions in the 1969 request.

A plan for reorganization* of Library programs (based on previous suggestions by the Executive Committee of the Board), now awaiting approval in the Office of the Secretary, was presented to the Board by the Director. The new organizational configuration will consist of four major operating activities: National Medical Audiovisual Center; Specialized Information Services (including Toxicology Information Program and the Drug Literature Program); Direct Library Operations; and Extramural Programs. The Research and Development Program and the Office of Computer and Engineering Services will serve all the major operating activities.

The Library has maintained excellent working relationships within the Service and Department, with other Federal agencies such as the National Science Foundation and NASA, and with outside organizations such as Chemical Abstracts Services, American Dental Association, and American Medical Association. The Library has been working closely with the AMA on the development of an Abridged Index Medicus (AIM would include references to citations from some 100 English-language journals).

Internationally, the Library has cooperated with the Commonwealth Fund and the Pan American Health Organization in implementing a Regional Medical Library for South America. One of the Library's senior staff has been detailed to work for 90 days in Sao Paulo, Brazil, the site of the Regional Library. NLM will serve as a technical backstop to this Center. As a followup to the Surgeon General's discussion with the Minister of Health, NLM is also working with the Government of Mexico to advise and assist in the establishment of a National Library of Medicine for that country. NLM is continuing to work with OECD and WHO for the provision of MEDLARS search capability to those organizations.

In response to a request from a panel of the President's Library Commission, NLM advocated the establishment of a permanent National Library Commission in the Executive Office of the President and suggested that consideration be given to the establishment of a National Library of Physical Sciences and Engineering. The Library also suggested appointing advisory structures to the other two national libraries so that there would be more formal relationships between these institutions.

DRAFT REGULATIONS* FOR NLM

Mr. Scott Adams presented for the Board's consideration draft regulations governing access to the NLM facilities and collection and the availability of its bibliographic reproduction, reference, and related services. Two circumstances precipitated the development of the regulations: the need, recognized by the Board of Regents, to establish policy and to control the development of the Library as a modern information center and center of a national network; and the Freedom of Information Act (P.L. 89-487) which requires the publication of any substantive rules of general applicability adopted as authorized by law, and statements of general policy formulated and adopted by each Federal agency.

* See list of Board Actions

The draft regulations provide for delegation from the Surgeon General to the Director of the National Library of Medicine the authority to determine rules of practice for providing Library services. Since MEDLARS decentralization is a mechanism and not a service, it is excluded from these regulations to be handled by a system of individual agreements. When approved, regulations will be published in the Federal Register.

The Board of Regents voted to endorse the general principles of the draft regulations.

MODIFIED NLM NETWORK PLAN

Dr. Ruth M. Davis discussed the NLM network plan with its objectives of accelerating continuing medical education, and distributing fairly among libraries, information services, and educational institutions the responsibility and resources for developing information transfer mechanisms. Support will be provided to two categories of users: individual (practitioners, researchers, educators, students), and intermediate agencies between NLM and the individual user (regional libraries, information analysis centers, educational institutions, hospitals, MEDLARS centers). To assume ultimate responsibility NLM must plan for a "controlled" rather than "permissive" network -- controlled in the sense of determining who has the capability to provide MEDLARS support, who has the capability to provide audiovisual support, etc. NLM must have the ability to plan and regulate network growth and development.

The proposed network is separated into five components: library; specialized information services; educational and instructional TV; audio and audiovisual services; and data processing and data transmission facilities. The network will depend heavily on the effectiveness of decentralized MEDLARS stations, programs under the Medical Library Assistance Act (particularly Regional Medical Library activities), and the Regional Medical Program of NIH.

The Board reaffirmed its endorsement of the NLM research and development plan.

DECENTRALIZED MEDLARS STATIONS

Dr. Joseph Leiter recounted to the Board the Library's recent experience in decentralizing the formulating of MEDLARS demand searches and centralizing the machine processing of the searches. Costs were lowered and throughput time decreased by having the six university-based MEDLARS stations do more of the intellectual work related to processing demand search requests (formulation and review of output) and having NLM perform the machine processing centrally.

IMPLICATIONS FOR THE FUNDING OF REGIONAL MEDICAL LIBRARIES

Mr. David Kefauver discussed Section 398 of the Medical Library Assistance Act which authorizes a program of grants for the establishment of a system of regional medical libraries, and the steps taken by NLM to implement this section of the Act. He outlined the services that a regional library will be required

to perform and noted that probably no more than ten such libraries could be designated by 1970. He reported that there had been consultation with planning groups in the various regions of the U.S. At its June meeting, the Board of Regents recommended approval for the first regional library grant to Harvard University. The grant became active on July 1, and a program at Harvard was formally activated on October 1, 1967.

The question was raised whether the authorities and the resources for the implementation of the NLM network plan can be found in the Medical Library Assistance Act. Looking ahead to the year 1970, when the Act expires, it is not too early to consider alternative possibilities of legislative authority for the support of the network.

REPORT ON OVERSEAS MEDLARS CENTERS

Dr. Bean reported on site visits which he made with Dr. Leiter to the MEDLARS units at the National Science Lending Library in Boston Spa, England, and at the Karolinska Institutet in Sweden. The U.K. facility put into effect a literature search program making very efficient use of MEDLARS tapes. The Karolinska Institutet, after overcoming initial difficulties, is now operating efficiently. Orientation programs now in the U.K. for users of MEDLARS have resulted in much more specific and useful searches being formulated.

REVIEW OF CONSTRUCTION GRANT PROGRAM

Mr. Walkington outlined the nationwide needs for additional medical library space. He reviewed the procedures for handling construction grant applications under the Medical Library Assistance Act and the criteria used in arriving at decisions. He emphasized three problems in considering construction grant applications: cost allocation for joint facilities; the need for and subsequent development of a formula to assure that the funds available are used with maximum impact for the greatest number of institutions; the lack of detailed planning evidenced in some applications -- there is often only a vague relationship between the functional needs of the institution and the space requirements.

It was noted that none of the funds appropriated in fiscal year 1967 and 1968 for the construction program have been released to the Library, therefore, no construction grant awards have been made. Considerable discussion ensued, and the serious concern of the Board was expressed in a formal resolution.*

The Chairman of the Board expressed his interest in continuing such program analysis on a recurring basis.

NLM USE OF CONTRACTS TO SUPPLEMENT PRODUCTION CAPABILITY

Dr. Leiter and Mr. Russell described the need of NLM, faced with a gap between increasing services and a lack of adequate resources to rely increasingly on contractor services. Plans for Fiscal Year 1968 call for about 50 contracts for just under \$3,000,000.

* See list of Board Actions

1. Beginning this year and continuing for the next four or five years, the Library will attempt to negotiate a series of contracts for the new computer system. The first contract this year will be for the system design requiring about \$900,000.

2. Six contracts with universities are now active for decentralized MEDLARS stations.

3. In support of other MEDLARS and library operations there are four areas in which we use contracts -- indexing, input typing, microfilm, and services supporting programming and computer operations.

4. Contracts for new programs (Toxicology, Research and Development) are being developed. Implementation must await availability of funds. At present we are being held to spending at the '67 level. Programs with no FY 67 base (e.g., Toxicology) have not been able to be implemented as planned.

In July of this year NLM received authority to negotiate its own contracts. The Library will continue to use the contract negotiation staff at NIH, however, until a staff is assembled at NLM.

JOINT AUTOMATION GOALS OF THE THREE NATIONAL LIBRARIES

Mr. Riley reported on progress of the National Libraries Task Force on Automation and Cooperative Services, established at the July 26, 1967 meeting of the American Library Association by the directors of the Library of Congress, National Agricultural Library, and National Library of Medicine. The directors agreed that the three national libraries should adopt common goals as they move ahead to automate their libraries.

The Task Force is investigating cooperation in the following areas: book catalogs; off-line production of catalog cards; machine-readable cataloging data; and bibliographies. Much coordination is needed in cataloging activities, especially in the area of subject headings. Reference services and acquisitions are other activities which could profit from cooperation among the libraries.

The Task Force has established sub-groups to investigate the following:

Machine-readable data formats
and character sets
Language and place codes
Main entry and author file problems
Serial data programs
Acquisitions policy

The Board enthusiastically endorsed this effort and urged NLM to continue its leadership in this direction.*

* See list of Board Actions

REPORT OF THE SUBCOMMITTEE TO STUDY THE ROLE OF THE NATIONAL MEDICAL
AUDIOVISUAL CENTER*

Dr. Dimond presented findings and recommendations of a Subcommittee named by the Ad Hoc Group on Biomedical Audiovisual Communications which met at NLM on August 17 to discuss NLM/NMAC relationships. The Subcommittee met at Atlanta on October 11, 12, 13 to study the activities of the National Medical Audiovisual Center.

The Chairman of the Board, after receiving the reports and after discussion by the members, appointed a Subcommittee to study this report and bring their recommendations to the next Board meeting in March. Dr. Tager, Dr. Ebert, and Mr. Augenstein were named to the Subcommittee.

REVIEW OF GRANT APPLICATIONS

The Board of Regents, acting concurrently as the Board of Regents Advisory Council for Extramural Programs and as the National Medical Libraries Assistance Advisory Board, reviewed the following grant applications:

Research Grants	Reviewed	35	totaling	\$ 863,103
	Approved	13	totaling	239,479
	Reviewed	2	totaling	\$ 78,848
	Approved	1	totaling	49,709
Resource Grants	Reviewed	47		
	Approved	39		
	Deferred	5		
	Disapproved	3		
Construction Grants	Reviewed	9	totaling	\$6,645,289
	Approved	6	totaling	6,066,727
	Deferred	1		
	Disapproved	2		
Regional Medical Library Grants	Reviewed	3	totaling	\$ 929,078
	Approved	2	totaling	316,213
	Deferred	1	totaling	612,865

* See list of Board Actions

Approval was recommended for the following library construction grant applications:

1 J06 LM 00286-01	Medical College of Virginia, Richmond, Virginia
1 J06 LM 00340-01 (J)	Southern College of Optometry, Memphis, Shelby, Tennessee
1 J06 LM 00345-01	The University of Texas Medical Branch, Galveston, Texas
1 J06 LM 00363-01	Boston University Medical School Boston, Massachusetts
1 J06 LM 00374-01	University of Oklahoma Medical Center Oklahoma City, Oklahoma
1 J06 LM 00375-01	Brown University Providence, Rhode Island

Approval was recommended for the following regional medical library grants:

P14 LM 554-01	University of Washington, Seattle, Washington
P14 LM 556-01	College of Physicians of Philadelphia Philadelphia, Pennsylvania

Respectfully submitted,



Martin M. Cummings
Secretary to the Board of Regents
National Library of Medicine

RESOLUTION

OF THE

BOARD OF REGENTS OF THE NATIONAL LIBRARY OF MEDICINE

NOVEMBER 17, 1967

The Board of Regents of the National Library of Medicine, having considered at its meeting on November 17, 1967, reports from the Director of the Library, the Librarian of Congress, and the Director of the National Agricultural Library on the present state and plans for increased cooperation as the three National Libraries engage in automation, wishes to express its enthusiastic endorsement of such cooperation in the national interest.

Specifically, the objectives of the three libraries in identifying the common goals of a national data bank of machine-readable cataloging information, of establishing a national data bank of information on serials publications, and of achieving increased compatibility of their technical and processing functions to make these possible are to be commended as being in the highest interest of public service.

Federal leadership is essential if the revolution of computer technology is to be applied optimally to the libraries and bibliographic information services of the country to the benefit of education, science and technology, and scholarship generally.

The assumption of this leadership by three National Libraries, in different branches of the Government, each sensitive to the needs of the large communities it serves, and each concerned with an overall national purpose, is an exercise in statesmanship on the part of the Directors of the three National Libraries.

The Board of Regents of the National Library of Medicine, in voting its endorsement of this cooperative move, wishes to call its appreciation to the attention of the Surgeon General of the Public Health Service, the Secretary, Department of Health, Education and Welfare, the Secretary of Agriculture, the President's Science Adviser, and the Chairman of the Joint Committee of the Congress on the Library of Congress.

RESOLUTION

OF THE

BOARD OF REGENTS OF THE NATIONAL LIBRARY OF MEDICINE

NOVEMBER 17, 1967

The Board of Regents of the National Library of Medicine wishes to express and record its concern with the continuing inability of the National Library of Medicine to secure the release of appropriated funds to support the construction of much needed medical library facilities. In our view this stricture may vitiate some extremely important planning and adversely affect the many efforts and programs directed toward the accomplishment of national health objectives.

The Medical Library Assistance Act, passed by the Congress in 1965, gave clear recognition to the enormous importance of disseminating health information to practicing physicians, other health personnel, and students in the various fields related to medicine. The Act acknowledged the fact that health science library facilities had failed to keep pace with the rapidly growing information needs of expanded national activities in health-related research, education, and service. Failure to construct such sorely needed facilities, coordinated as they would be with programs to expand and improve medical library services, will have adverse effects on the whole national health program. At the time that the Medical Library Assistance Act of 1965 became law, it was estimated that the need for medical school libraries alone would require over \$100 million in construction funds. Accordingly, the Congress authorized in the Act a program to assist in the construction of health science libraries and provided for a modest maximum appropriation authorization of \$10 million per annum. This was the first and remains the only specific authority for the construction of medical libraries.

In fiscal 1967, the Congress appropriated \$7.5 million for medical library construction. In fiscal 1968, it appropriated \$3.75 million more. The Board of Regents has reviewed 27 applications for the construction of medical library facilities during these years and approved 15 well thought out and highly essential plans to expand and upgrade health information services. The Board wishes to point out that, to date, no funds have been released by the Bureau of the Budget to the National Library of Medicine to fund approved construction projects. Therefore, the backlog of 15 projects, in the total amount of \$13,435,133, recommended for approval, remains unawarded, leaving a critical and unmet need of the medical schools for expanded and improved library facilities. Appended is a list of examples representing 10 of the most urgent projects where failure to fund will disrupt other health facilities construction or the planned increases in the number of medical graduates.

Since a variety of education and health-related construction programs, including this program, have met with a favorable response from the Congress in their requests for appropriations, and since funds have continued to be available for construction of other health facilities as well as for the construction of non-health oriented libraries, the Board finds it difficult

to understand why the National Library of Medicine medical library construction program continues to be without funds. The Board has reviewed the appropriation testimony before the House for 1968 and is encouraged to note the statement by a Department official in response to a committee question that the 1967 appropriation will be released during 1968. These funds will be lost to the program on June 30, 1968. The Director has operated under this assurance anticipating that these funds, although less than adequate to meet the need as defined in 1965, would permit support for at least a few excellent programs to achieve adequate medical library facilities essential to the advancement of the health sciences.

Therefore, the Board urges the Surgeon General of the Public Health Service to acknowledge and make known to the appropriate authorities our serious concern over these circumstances. Specifically, the Board urges and requests that every effort be made to provide to the National Library of Medicine the \$7.5 million appropriated for library construction in fiscal 1967 as well as the \$3.75 million appropriated in 1968. The Board believes that the need for and value of this program have been demonstrated and urges that it be activated at once.

APPENDIX I
EXAMPLES OF PROBLEMS CAUSED BY APPROVED

UNFUNDED LIBRARY PROJECTS

Institution	Date Submitted	Date Approved	Amount Recommended For Award	Remarks
Jefferson Medical College Philadelphia, Pennsylvania	8/16/66	3/17/67	\$1,775,946	This project is for a joint teaching and library building. A grant for the teaching space has already been awarded; however, construction cannot be undertaken without the library award.
University of Nebraska Omaha, Nebraska	8/31/66	3/17/67	\$1,636,077	The Nebraska College of Medicine has committed itself to a major increase in students in connection with a PHS grant already awarded for teaching facilities. Without increased library space, the expanded teaching program will be severely hampered.
Wayne State University Detroit, Michigan	9/2/66	3/17/67	\$1,430,476	Wayne State University has committed itself to a major increase in students in connection with a PHS grant already awarded for teaching facilities. Without increased library space, the expanded teaching program will be severely hampered.
Rutgers University New Brunswick, New Jersey	11/1/66	3/17/67	541,293	Project is for a combined sciences library for the new Rutgers campus. Approximately 78% of the project has been funded by the Office of Education. Lack of this grant precludes construction of project.

<u>Institution</u>	<u>Date Submitted</u>	<u>Date Approved</u>	<u>Amount Recommended For Award</u>	<u>Remarks</u>
Medical College of Virginia Richmond, Virginia	8/31/66	11/17/67	\$1,063,074	The Medical College of Virginia received a state appropriation to aid in construction of a library in 1964. It is probable that these funds will be withdrawn unless project can be funded. In addition, the school has committed itself to a major expansion of the student body in connection with a PHS teaching facilities grant. This expansion will be severely handicapped without additional library space.
Southern College of Optometry Memphis, Tennessee	3/1/67	11/17/67	\$ 180,976	This grant is for one floor of a twelve-floor teaching and library facility. A grant for the other eleven floors has already been made.
University of Texas Medical Branch Galveston, Texas	2/27/67	11/17/67	\$1,598,433	Matching funds to aid in the construction of this library have been received from a private donor. It is possible that if no progress is made towards funding the project this money will be withdrawn.
Boston University Medical School Boston, Massachusetts	6/19/67	11/17/67	\$1,178,962	The library will be the eleventh, twelfth, and thirteenth floors of a fourteen-story building. Grants have already been made by the Health Professions Program and the Health Research Facilities Program to support this building, and construction has begun. Lack of funding of this project presents a real hardship for Boston University.

Institution	Date Submitted	Date Approved	Amount Recommended For Award	Remarks
Brown University Providence, Rhode Island	7/3/67	11/17/67	\$ 536,332	This grant is to aid in the construction of the medical library portion of the Joint Sciences Library. Grants have already been made by the Office of Education to fund nearly 82% of the project. The University is almost ready to let contracts for the project, and the lack of funding of the medical library is delaying a much needed project for the entire campus.
University of Oklahoma Oklahoma City, Oklahoma	7/3/67	11/17/67	\$1,677,917	The medical school has committed itself to a major student expansion. Without the construction of this library, the expansion plans will be severely handicapped.

Actions Taken by Board of Regents

1. In the event of Departmental reorganization which would create an Under Secretary of Health, with line and staff responsibilities, the Board voted its endorsement of a plan which would locate the NLM in a line and staff relationship to the Under Secretary or Chief Medical Officer. (Executive Session)
2. The Board voted to endorse the general principles of the NLM draft regulations governing access to facilities and collection and provision of Library Services.
3. The Board adopted a resolution urging the Surgeon General to assist in securing the release of appropriated FY 67 and FY 68 funds for the support of approved grant applications for medical library construction under the Medical Library Assistance Act. (Executive Session)
4. The Board adopted a resolution commending the Directors of the three national libraries for their efforts toward the establishment of common goals as the three libraries apply automation to their functions. (Executive Session)
5. The Board appointed a subcommittee consisting of Dr. Tager, Chairman, Mr. Augenstein, and Dr. Ebert, to advise on functions and programs of the National Medical Audiovisual Center, authorizing it to utilize consultants as required. (Executive Session)
6. The Chairman of the Board named Dr. Stewart G. Wolf, Alternate Chairman, to act in the absence of the Chairman. (Executive Session)
7. The Board agreed to hold part of its March 11-12, 1968 meeting at the National Medical Audiovisual Center in Atlanta, Georgia. (Executive Session)