

1987

HSLIC Annual Report FY1986-87

University of New Mexico Health Sciences Library and Informatics Center

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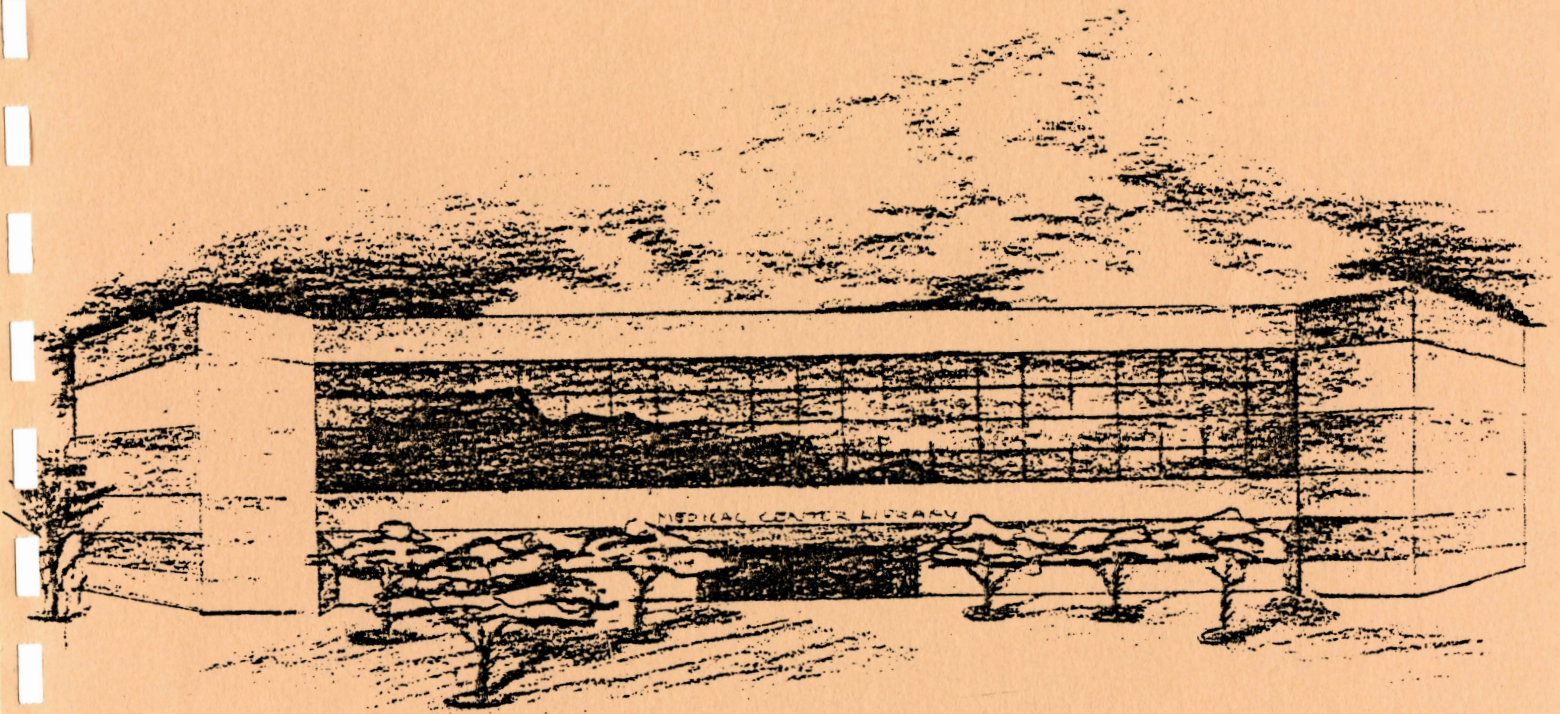
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ANNUAL REPORT

1986 - 1987



The University of New Mexico MEDICAL CENTER LIBRARY

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1986 1987
University of New Mexico.
Medical Center Library
Annual report

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UNM MEDICAL CENTER LIBRARY

STATEMENT OF MISSION AND GOALS

MISSION

The mission of the UNM Medical Center Library is to provide services and resources to meet the present and future scholarly and informational needs of the UNM Medical Center community, to participate in the educational process and, insofar as possible, to share its resources with the health sciences and health care community of the State of New Mexico in harmony with the overall policy of the University in general and the UNM Medical Center in particular.

GOALS

The basic goal of the UNM Medical Center Library is to facilitate access to information, materials, and services for members of the UNM Medical Center, including the UNM School of Medicine, College of Nursing, College of Pharmacy, the Dental Programs and Allied Health Program, as well as a number of affiliated research and patient care institutions on the UNM Medical Center Campus, and the university community at large.

As the only comprehensive health sciences literature collection in New Mexico and the entire southern Rocky Mountain area, the UNM Medical Center Library constitutes a vital state resource. The second major goal, therefore, is to serve the biomedical information needs of the broader New Mexico health care community through an active and varied outreach program.

As the major information resource for health planners and educators, the Medical Center Library strides to coordinate and improve access to health information through promotion of resources and cost-sharing mechanisms among existing agencies at the state and local levels.

As its fourth major goal, the Library documents and preserves the history of medicine and health in the state through its New Mexico History and Archival program.

DIRECTOR'S REPORT

The Year in Retrospect

Automation

The Library's long-range automation plan moved into its final phase late this fiscal year with the development of an online information center. Aided by a two-year grant from the National Library of Medicine, a multi-database project will provide access to both the Library's and the Medical Center's education and research-related information resources. Strategic planning in their design and development has already begun, including a research population database, a Medical School curriculum and scheduling database, a faculty publications file and an alumni file. These and all future files will be developed and run on ORACLE, a relational database management system, accessible through the broadband-based Campus Data Communications Network (CDCN), as well as through the Library's dial-up ports. ORACLE not only runs on a variety of hardware and operating systems, but can migrate from a PC to a mini- or mainframe of different makes and vice versa. To ensure uniform access and quality control, these files will be governed by the National Library of Medicine Medical Subject Headings (MeSH) and the Library's own machine-readable codified name/user file.

The Library served as a test site for a variety of computer-based services, among them the Online Library Computer Center (OCLC), who chose us as the only medical library in the United States to participate in a test run of its automated Acquisitions 350 system. The Library also served as one of five sites to participate nationwide in Mead Data Central's MEDIS program for medical schools, which gave medical students and teaching faculty and staff unlimited access to MEDLINE and the MEDIS full-text database during a one-year trial period. The project presented a unique opportunity to introduce online information systems to a wide variety of users. Library staff trained about 475 faculty, students and staff as participants.

New Services

- A number of special services were instituted in response to suggestions and discussion during seven highly successful faculty focus group sessions held during fall and spring semesters. Telefacsimile, the newest of these, allows transmission of documents long distance. The service has proven especially useful in clinical and other information emergencies.
- Beginning last year, Main Campus undergraduates no longer had to obtain an instructors' special request for Medical Center Library borrowing privileges. As a result, of our registered student borrowers, 38% are now from Main Campus. This increase has begun to make an impact. We will monitor this development carefully.
- The Library implemented a campus-wide program to introduce faculty, house officers and students to its computer-based CPR/ACLS Learning System. To date, the Library has issued the American Heart Association's National

Cardiopulmonary Resuscitation (CPR) certificate to 48 individuals who successfully completed the course. Interest and demand for CPR scheduling is growing; heaviest users come from SOM faculty, residents, students and EMS students.

Personnel

Increasingly computerized operations of this Library call for new skills and added competence among its staff. All staff members are now trained in and responsible for various online interactive applications, i.e., word processing, information systems development and data management, and online searching. To assure equitable and appropriate job classifications, all clerical and technical positions were reviewed and audited during the past year, resulting in a reclassification and upgrading of twelve positions. Salaries for faculty positions have not kept pace with other comparable institutions in recent years. Therefore, the Library is fortunate to have filled two key positions this past year, one of which remained vacant for more than two years due to inadequate salary. A major financial upgrade for that post by the Director of the Medical Center enabled the library to attract a first-rate candidate earlier this year.

Problems

Along with all academic libraries across the nation, the Medical Center Library faced yet another catastrophic increase of some 19% in scientific journal subscription prices. As a result, the Library anticipated and, indeed, incurred a sizable budget over-run this past year after successfully holding the line of a "no-growth" subscription budget for the past five years. A careful analysis indicates that most cost increases stem from the basic science literature and, specifically, seven publishers whose average cost per title ranges from \$200 to more than \$500 per year. These seven: Academic Press, Liss, Blackwell, Elsevier, Karger, Pergamon and Springer, furnish 15% of the Library's subscriptions, yet consume 46% of its subscription budget. This coming year will see either a drastic curtailment in our core of scientific material, or the institution must somehow provide the means to cope with this inflationary trend, due mainly to publishers' pricing policies and the declining value of the U.S. dollar.

The Environment

Major changes in the building have alleviated some critical space problems:

- a) expanding stackspace on third floor made possible by re-locating the Drug Information and Poison Control Center to first floor and adding 1470 linear feet of shelving to the book stacks,
- b) re-furbishing the Media Center to accommodate the Library's growing microcomputer laboratory,
- c) completing the New Mexico Medical History and Archives Room, and
- d) adding storage for the Administrative Unit.

Plans are nearing completion for a high-density off-site storage area in the adjacent new Health Sciences and Services Center. Construction will begin in early 1988. A number of important functions will move to the new site a few years hence to allow for collection growth and to accommodate new information technologies and attendant resources.

Kudos

The Medical School Class of 1989 presented the "Golden Hippo" Award to the Library staff in appreciation of having received special help and attention during their first two years in Medical School. The award is presented annually to faculty and staff who are held in high regard by the class. We are pleased that not only faculty, but students as well, acknowledge the fine service and high level of commitment on the part of library staff to fulfill the all-important function of the Library in an academic institution.

LIBRARY OPERATIONS

CECILE C. QUINTAL, ASSOCIATE DIRECTOR

Information Technology

This past year much staff effort was applied to a number of experiments. Among them were a beta test for the Institute of Scientific Information (ISI) CD-ROM Science Citation Index, Permuterm Subject Index and ACQ 350, OCLC's acquisition system. IBM and compatible PCs now provide all staff with access to word processing software, database management software and electronic spread sheets using LOTUS 1-2-3. It allowed the Library to decentralize and distribute these applications away from the WANG minicomputer down to the microcomputer.

The Leading Edge word processing program was chosen as the Library standard, because it offers excellent support in a heavy work processing environment. According to PC-Magazine Editor's Choice in its Review of Corporate Word Processors, "This program is a gem; it's also a gem of a bargain." (v.5, no.2, January 28, 1986.) Leading Edge adheres to standard data storage format. Its on-disk tutorial primer was used to introduce novice users among staff to basic word processing operations. An added bonus for the Library was that Leading Edge is easy for Wang-trained users to learn. Each PC is equipped with WANG emulator software which allows uploading of files to the WANG minicomputer and, in the near future, to the MicroVax II.

The Media Center offers ongoing access to microcomputer software programs for evaluation and use in its Microcomputer Laboratory by faculty, staff and students. Programs are: Grateful Med, LOTUS, SCI-MATE, and Borland software including Turbo Pascal, Turbo Graphix Toolbox, Reflex and Sidekick. This year 33 faculty and staff took the LOTUS proficiency course. Microcomputer help is provided to the Medical Center community by the Systems Group. Most questions relate to installing new hardware and new applications. Software questions deal with customization, telecommunications protocols and error recovery.

The Library continues its program of negotiating offers from software companies to provide programs at discount prices to the Medical Center community. A noted example is SCI-MATE, which is available at a 40% discount; another is the Borland Scholar Program, an excellent series available at significant savings to faculty and students.

Personnel Activities

As part of a University-wide effort to develop a more comprehensive performance review for staff, this Library was chosen by the North Campus Personnel Office to test the new performance appraisal form, designed to encourage two-way discussion of accomplishments, progress achieved, problem areas in need of improvement between employee and supervisor. Appraisals were made of all staff positions using the new form, with feedback provided to the Medical Center Personnel Director on a trial basis. A systematic job analysis was done for all union represented positions in grades 1 through 10, documenting data about job content, job requirements, and job parameters, i.e., working context and degree of supervision. Questionnaires asked for information on key activities involved in the job, the amount of time spent on each task and skills needed to perform the job. Nineteen employees and their supervisors were involved in the process, resulting in twelve new grade designations:

From		To	
CSV	Binding Clerk	LTA II	Binding Technician
CSV	Circulation Clerk	LTA II	Circulation Technician
CSV	Clerical Specialist (6)	CSV	Clerical Specialist (8)
CSV	Media Clerk (two positions)	LTA II	Media Technician
CSV	Serials Clerk	LTA II	Serials Technician
LTA I	Acquisitions Technician	LTA II	Acquisitions Technician
LTA II	Circulation Day Supervisor	LTA III	Circulation Day Supervisor
LTA II	Head, Document Delivery	LTA III	Head, Document Delivery
LTA II	Head, Interlibrary Loan	LTA III	Head, Interlibrary Loan
LTA II	Information Services Tech.	LTA III	Biomedical Information Services
Administrative Assistant (10)		Administrative Assistant (12)	
Library Spec. II, Head, Media Center (professional job grade)		Libr. Spec. III, Head, Media Center	

New Staff

The Library received approval from the National Library of Medicine late in 1986 for its two-year automation grant to develop an online medical information system, beginning March 1987. A project implementation team was formed, and the core team was strengthened with the addition of two staff positions and one faculty position:

Lisa Kindrick - Systems and Automation Librarian
 Alice Hotchkiss - ORACLE Database Manager
 Pat Standing - Library Specialist, Systems

Two additional personnel changes occurred during the year with the appointment of Susan Anderson as Assistant Director for Education and Instructional Services and Julie Kesti as Assistant Director for Biomedical Information Services.

SCRG '87

In addition to their normal work activities, staff have taken on the task of arranging local activities involved in the five-state annual meeting of the South Central Regional Group of the Medical Library Association. Hosting this meeting has meant an extra heavy work load for staff who have assumed their responsibilities willingly and with enthusiasm.

A D M I N I S T R A T I V E / E X T E N S I O N C O O R D I N A T O R

DAVID PERCIVAL

The familiar pattern of dramatic price and cost increases, combined with unpredictable receipts and limited state support for the Medical Center Library budget resulted in a large deficit for yet another year. Limited funds continue to make replacement of aging equipment difficult.

Credit for much of the Unit's success goes to the creative input of Mary Lujan-Kerlee, our new Accounting Technician. With help from Patricia Standing, she reorganized the AIMS Ledger Plus Accounting System to better meet Library needs and to facilitate monthly report writing by:

1. Improving:
 - record keeping for tracking the number and amount of UNM Department purchase requests
 - cash system for better controls and balancing
 - invoicing function
2. Reorganizing:
 - Accounts Payable to determine what funds were spent on master purchase orders and how much remains
 - list of income sources by category
3. Categorizing library expenses.

Mrs. Lujan-Kerlee also succeeded in 1) collecting all unpaid invoices, 2) reorganizing the filing system, and 3) reconciling sick and annual leave records.

The Administrative Coordinator's daily activities are involved with planning, monitoring, coordinating, reporting and general bookkeeping:

1. Serving as liaison with School of Medicine administration and the comptroller's offices.
2. Monitoring general fiscal reporting and record keeping.
3. Serving as extension coordinator.
4. Monitoring copy machine operation. The new General Meters Corporation copier control system was fully installed early in the year.
5. Functioning as MLA-SCRG-1987 Conference treasurer and as a member of the Registration Committee.
6. Participating in Library remodeling projects, including the Archives Room, Media work area, third floor shelving, and a sound barrier door.
7. Coordinating activities with JOMAR Janitorial, Inc., the Library's contract cleaner service.

8. Coordinating security. While no incidents occurred this past year, constant vigilance is necessary in this public building. The UNM "key problem" remains a sensitive area, for example, due to the many people who are assigned keys, terminated employees who may or may not turn in their keys, and the ease with which duplicate keys may be obtained.
9. The Administrative Coordinator chaired the Library Staff Enrichment Committee this fiscal year, and also functioned as Editor of the Library Staff Bulletin.

Recommendations/Plans for Next Fiscal Year

- Exert maximum effort on fiscal controls, specifically in the area of reducing expenditures to avoid further deficits, a serious concern in this no-growth austerity era.
- Help Library units cut costs, avoid waste, conserve supplies and materials.
- Plan carefully for supply and material orders.
- Continue to refine cost studies in critical areas, including the accounting system.
- Learn more effective use of LOTUS 1-2-3.
- Improve coordination of extension program activities.

COMMUNITY OUTREACH

Physicians Outreach Program

The fifteen library staff members involved in extension activities met as a formal group when necessary during the year to review extension activity and for problem solving purposes. This office coordinated New Mexico Hospital Affiliation agreements in cooperation with Kirsten Shelstad, Hospital and Clinical Services Librarian. Two Extension Group members traveled to the Navajo Nation in the fall of 1986 to visit Indian Health Service units as part of the Navajo Area Indian Health Service Contract. Coordinating the Physicians Outreach Program (POP) involved preparing a brochure, handling membership funds, correspondence and related administrative activities.

At the end of FY 1986-87, the 53 members of the Library's Physician's Outreach Program accounted for 2,068 requests for books, journals and audiovisual items.

Document Delivery

The Library also provided document delivery to Indian Health Service hospitals and clinics as part of contract services to the Navajo Nation. Physicians there submitted 1,457 requests for materials. Five of the eight hospitals also receive Scan/Alert service, a current awareness program offering tables of contents of journals chosen by the physicians, who then select articles they wish to read in full.

This year the University began a Bachelor of Science degree in Nursing program at Las Vegas. Students requested materials for their research papers through the Library, with expenses paid by the AHEC in Las Vegas.

Along with service to the statewide health care community, the Library also supplied document delivery service to two UNM groups: 1) In cooperation with the UNM Affirmative Action office, the Library provided 55 articles for handicapped staff and students. 2) The Library's LATCH (Literature Attached to Chart) supplied 435 articles to physicians at UNMH for patient emergencies. Document Delivery works closely with the Library Reference staff to ensure prompt shipment of materials to requesting physicians.

Affiliation Agreements

Agreements for Medical Library services (consultation, interlibrary loans, document delivery and computer search services) are currently in effect for the following hospitals:

- St. Mary's Hospital, Roswell
Eastern New Mexico Medical Center, Roswell
- New Mexico Rehabilitation Center, Roswell
- Holy Cross Hospital, Taos
- Roosevelt General Hospital, Portales

A new contract with the Mimbres Memorial Hospital in Deming is expected to be signed in the Fall of 1987.

Consultation Visits

Five consultation visits were made to New Mexico hospitals this year:

- Las Vegas Medical Center, Las Vegas 5/22/87
- Holy Cross Hospital, Taos 5/28/87
- New Mexico Rehabilitation Center, Roswell 6/ 9/87
- St. Mary's Regional Health Center, Roswell 6/ 9/87
- Eastern New Mexico Medical Center, Roswell 6/ 9/87

The three visits to the Roswell hospitals were held in compliance with their affiliation agreements, which stipulate that each institution receives one consultation per year. An affiliation agreement was purchased as a result of our visit to Holy Cross Hospital in Taos.

After each visit, consultants from the Medical Center Library write a summary of the day's accomplishments, including recommendations for the institution's library, copies of which are sent to the participating library contact.

B I B L I O G R A P H I C A C C E S S A N D
C O N T R O L S E R V I C E S

LISA KINDRICK, UNIT HEAD

The Bibliographic Access and Control Services Unit continues to develop skills in automated library procedures. This expertise has resulted in several new products created by the unit in fiscal year 1986-87.

Highlights

- Bibliographies. BACS staff are using over eight different software packages to accomplish daily tasks. This new training gave BACS the capability to produce six bibliographies of holdings in special areas of the collection, often by using records from the bibliographic database mounted on the Wang 2200 minicomputer. These bibliographies included compilations of Medical Center Library holdings in nursing, media materials related to orthopedics, angiogram films, media materials classified RWB 205 for the Clinical Bloc, materials housed in the Cardiovascular Learning Center, and a comprehensive coverage of materials related to bioethics.
- Database Verification. The bibliographies provided an opportunity to verify the presence of database records. Relevant materials that did not appear when the initial bibliography was compiled were re-searched in the online bibliographic database and then added if they were not found. In addition to this type of inventory, BACS also participated in an inventory, which included verifying reference holdings in the online bibliographic database. As over 130 books in the New Mexico/ Southwest collection were relabeled they were also checked in the bibliographic database, and 85 new records were added. These activities resulted in a more accurate database by the end of the fiscal year.
- ACQ350. Testing of the Acquisitions 350 automated acquisitions system developed by the Online Library Computer Center (OCLC) began in March and is progressing smoothly. In addition to traditionally tracking orders, this system allows the Medical Center Library to create fund information in an hierarchical manner, keep detailed statistics on acquisitions activities, print notification slips, and search and maintain a local database of order records.
- Card Catalog. Special projects this year also included a shift of subject cards in the subject side of the new catalog and the addition of over a hundred pamphlet file headings.

Staffing Patterns

Staffing remained stable in fiscal year 1986/87. Theresa Sedillo-Torres resigned on July 10 and Elizabeth Slota was hired four days later to fill one of the two OCLC Specialist vacancies. The LTA I position held by Virginia Archuleta was upgraded to an LTA II position in late June.

Training and Career Enrichment

The Unit Head of BACS attended the Fall AMIGOS membership meeting in Dallas, Texas. Sponsored by OCLC, she also attended a meeting of Acquisition 350 test sites in Dublin, Ohio. Both the Unit Head and the Library Technical Assistant, Virginia Archuleta, were trained to use the ACQ350 system.

Future Directions

The implementation of an automated catalog and circulation system will have significant impact on the unit in FY 1987-88 and beyond. The unit anticipates participation at all levels of the project from bar coding to the day-to-day maintenance of the system. Acquisitions 350, if chosen as the acquisitions system, will also play a major role in the unit. Staff will assure that the online catalog and acquisition systems contain quality data and will develop the expertise to use the full potential of both of these systems.

B I O M E D I C A L I N F O R M A T I O N S E R V I C E S

JULIE KESTI, ASSISTANT DIRECTOR

After a vacancy of two and one half years, the position of Assistant Director of Biomedical Information Services was filled in May, 1987. Biomedical Information Services (BIS) includes the Library's public service areas of Circulation, Clinical/Hospital Services, Online Services, and Reference. Summaries of the year's highlights and accomplishments for each program area are listed below.

CIRCULATION: MARIA YOUNG

Circulation activities are governed by the academic calendar as documented in the Gatecount Table. They follow a typical pattern again this year in terms of overall desk transactions. Table 19 illustrates the Library's borrower population. Of interest this year is that Main Campus students, for whom the library receives no funding, constitute 20% of the Library's borrowers. The increase began in Summer Session 1986 when the Medical Center Library extended borrowing privileges to Main Campus undergraduates. 284 students obtained library cards which comprises about 11% of the total number of borrowers. To date, there have been no delinquent borrowers nor overdue materials. Borrowing privileges also were extended to the Technical-Vocational Institute (TVI) and Chapman College. Both schools submitted requests to purchase library cards for students in their health sciences disciplines.

A telephone renewal policy instituted this year has been well received by borrowers, and is credited with minimizing the Library's overdue volume. Only two delinquent borrowers kept materials more than 30 days after the due date, and all materials were eventually returned.

Four individual study carrels were lost due to expansion in the History and Archives Room. Hence, the remaining eight carrels have been in continuous high demand by users.

In anticipation of the automated circulation system, the User File, a master record of nearly 2500 borrowers, has been updated and its format streamlined.

Staffing

JoAnn Jassman was hired in January 1987 as a Clerical Specialist IV (temporary status) with responsibilities shared between Circulation and Collection Management. Gail Heglund's position as Library Technician I was reclassified to Library Technician II effective March 1987.

CLINICAL/HOSPITAL SERVICES: KIRSTEN SHELSTAD

The LATCH (Literature Attached to Charts) service completed its first year with an average of 14 requests per month. The volume of service has increased steadily since the service began in April 1986, with house staff comprising its heaviest user population. The \$2.00 fee per request provides one to three photocopied articles delivered to the patient's ward by library staff within four hours of receipt of the request.

The Library's Affiliation Agreement contract was revised to include a deposit account feature in lieu of individual coupons necessary for payment of library services. Contract forms were distributed to 19 hospital administrators in New Mexico in an effort to encourage sale of purchase agreements. As a result, in May 1987, staff members at Holy Cross Hospital staff in Taos requested a consulting visit to establish library services there, and to learn more about the Affiliation Agreement contract. As part of our ongoing service to existing Affiliation Agreement contractors, consulting visits were made in June 1987 to three Roswell hospitals: Eastern New Mexico Medical Center, New Mexico Rehabilitation Hospital, and St. Mary's Regional Medical Center. Plans are underway for library staff from the three institutions to attend a basic library skills inservice session at the Medical Center Library sometime during Fall, 1987.

The Clinical/Hospital Services became part of Biomedical Information Services in September, 1986.

Future Plans

Increased effort will go toward promoting the Library's LATCH Service to UNM Hospital staff and streamlining internal procedures for processing requests.

ONLINE SERVICES: ANDREA TESTI

In July 1986 this Library and the Medical School's Office of Undergraduate Education entered into an agreement with database vendor, Mead Data Central to join its Medical School Program (MEDIS). For a \$1000 monthly fee, all School of Medicine faculty and undergraduate medical students could obtain user codes for unlimited access to MEDIS. The Library staff assumed responsibility for all end user training. Between September 1986 and April 1987 librarians trained approximately 475 faculty, students, and staff. Each of ten medical students in the Primary Care Curriculum Program located outside Albuquerque were supplied with an IBM PC complete with modem and printer from the School of Medicine. They received advanced MEDIS training by library staff, as well as training in the basic operations and trouble shooting pointers for PCs. Since they had access to MEDIS for their own bibliographic database searching, their volume of search requests to the Library decreased by 80%.

Increased awareness by Medical Center staff of online database access via personal computers has affected the workload of the online searchers. Responding to questions from faculty, students, and staff about computer equipment purchases and formulating search strategies placed online searchers in the role of online consultants.

Seven Focus Group sessions were held with library users to identify their information needs. As a result, users became acquainted with library staff and, at the same time learned to address their own information needs. These highly successful group sessions will be continued each semester.

Staffing

Jeannie Stanfield resigned as Online Services Coordinator in December 1986. Andrea Testi was appointed to that post in January 1987 which left her former position of the Reference/Online Search Specialist vacant.

Future Plans

Online search procedures will be streamlined to ensure quality control of both the intellectual content and the online mechanics for each request.

REFERENCE SERVICES: JUDITH DuCHARME

An inventory of the reference collection was conducted in September 1986. New editions were added and obsolete/dated materials weeded.

Staffing patterns were reviewed with an eye toward improving response to user demands and semester traffic fluctuations. Reference librarians now staff the Reference Desk weekdays from 8 am. to 5 pm.; Information Desk staffing remains the same with abbreviated summer hours from 10 am. to 4 pm. Beginning Fall Semester 1987, reference service will extend until 8 pm. Monday through Thursday. Weekend coverage will be shared among reference librarians for Saturdays and information desk staff for Sunday afternoons.

Staffing

In January 1987 Kathy Mondragon was assigned to establish a faculty publications file as part of the Library's grant recently funded through the National Library of Medicine. Three quarters of her time will be spent working on this project.

Future Plans

The Information Desk Manual will be revised and updated to provide a source for quick referral on library policies and procedures. It also will serve as a training tool for new information desk staff.

COLLECTION AND INFORMATION RESOURCE
DEVELOPMENT

JON ELDREDGE, UNIT HEAD

Biomedical monograph and journal subscription prices rising at annual inflation rates that consistently exceed the Consumer Price Index threaten to undermine this Library's collection development mission. Our current serials bill reflects these inflationary trends this year with an increase of 19%. Line-item budget allocations for journals has remained unchanged for the fifth consecutive year; this was the third no-growth year for monograph allotments. Price increases in both categories translates into fewer book purchases and more journal cancellations.

Constant collection evaluation provides one method of ensuring wise use of limited funds to serve both ongoing and evolving information needs of the Medical Center community. A study in 1986 proved that our Nursing collection complied with accepted standards. Oncological Nursing and Laboratory Safety collections were reviewed and enhanced as a result of heavy user demands generated by these program areas. This year the Unit distributed subject listings of currently-received journal subscriptions to faculty in twelve specialty/program areas.

A review of monograph holdings in the new Centers for Emphasis disciplines (Molecular and Cellular Diagnostics, Biostructural Imaging Technology, and Transfusion Medicine) revealed that the Library owns a number of the necessary titles. The Unit also found that most texts relevant to user needs were available in the eleven research areas identified by Focus Group participants. When identified, needed titles were purchased at once. These and other evaluation efforts resulted in locating peripheral publishers and small association presses that occasionally publish health sciences monographs. The Unit plans to monitor these sources during the coming year.

This year the Unit provided accreditation information for site visits concerning Dental Programs, Undergraduate Nursing, Pediatrics, and a new Hematopathology residency program. The Unit also completed eleven national survey questionnaires relating to this Library.

After the departure of James Bothmer, Assistant Director for Education and Extension Services in June 1986, the Unit Chief assumed most library classroom activities in teaching students the essential concepts and processes for effective library use. In January the new Assistant Director for Educational Services arrived, enabling the Unit Chief to attend to mounting responsibilities in his own unit.

Professional activities this year included 1) association involvement, 2) library recruitment, and 3) publication.

Professional Association Activities:

- Chair, ALA John Cotton Dana Library Award Committee
- Member, ALA Library Administration & Management Assn.,
Governmental Affairs Committee
- Elected Chair, ALA Library Administration & Management Assn.,
Public Relations Section (1,800 members)
- Chair, MLA/SCRG Entertainment Committee (Local Arrangements for
1987 Conference)
- Member, MLA/SCRG Nominating Committee
- Member, NM Academic and Research Librarians, Bylaws Committee
- Member, MCL Staff Enrichment Committee
- Chair, MCL Communications Committee

Library Recruitment

The Unit Chief helped to recruit two new Assistant Directors and a Database Management Librarian in his role as "Chair Pro Tem" of several search committees.

Publications

1. "Status Quo or Rigor Mortis? Implications of Medical Journal Price Inflation", adobe medicus 1986 July-August; 9: 2.
2. "Public Relations." In ALA Yearbook of Library and Information Services 1986. Edited by Roger Parent (Chicago: American Library Association), pp. 252-254.
3. "Library Earns High Marks" College and Research Libraries News 1986 October; 47: 577-582.
4. "Library Public Relations Contest" Medical Library Association News 1986 October; No. 189: 5.
5. "New Subscriptions" adobe medicus 1986-1987 [Regular column]
6. "Collection Development for New Centers for Emphasis" adobe medicus 1987 May-June; 10: 3-4.
7. "The Final Frontier" College and Research Libraries News 1987 June; 48: 322-325.

Statistics

a. CIRD Reference Questions	34
b. Reference Desk Service (hours)	355.25
c. Acquisitions Reviewed	
Approvals	876
Direct Orders	587
GPO	1,584
d. Gifts Received*	
Monographs	523
Journals	276
Media	171

*An honor roll of donors appears below.

Communications Committee

The Unit Chief advocated and established a Medical Center Library Communications Committee in November 1986 to improve intra-library communication and to build healthy relations between the Library and other groups. Thus far, the Committee has set goals, created an operational structure, contributed to improving the staff newsletter and sought to maintain cordial relations with other UNM libraries. The four Committee members represent the faculty, specialist, and technician staffing levels. As Chairman, the Unit Chief made 88 contacts with employees at other UNM libraries during FY 86-87, which seems to have resulted in increased mutual understanding of the MCL by employees of other UNM libraries.

COLLECTION MANAGEMENT

RHEN BUSH, UNIT HEAD

One highlight this past year was the installation of new stacks to accommodate the monograph collection, and its attendant shifting. Despite a similar shift made the previous year, many shelves in the monograph area were completely full, allowing no room for growth. When more space became available after the Drug Information Center moved to its new location on first floor, five additional stacks (420 shelves) were added to help ease the space problem in this overcrowded collection. Six staff members shifted approximately 45,000 books in 57 hours. No top shelves were used, and high growth areas were allocated ample room for future expansion.

Unit staff also moved seldom-used Index/Abstracts to the Library's off-site storage area prior to exchanging locations between Index/Abstracts and Current Journals holdings. The shift allows for easier access to the highly-used Current Journal collection, and additional space to accommodate a reading area outside the newly remodeled Archives Room. The crowded History Collection was re-arranged, and a new shelving unit was added. These changes allowed a more logical arrangement of the collection for use by both users and staff.

Future Plans

Now that stack maintenance goals projected last year are achieved, Collection Management can focus on future activity. The staff expects to automate the bindery process next year to allow for faster, more accurate preparation of materials to be sent for commercial binding. With consultation assistance from the National Library of Medicine, staff also will continue to refine their conservation and preservation skills.

DOCUMENT DELIVERY

CECILIA STEVENS, UNIT HEAD

Fiscal year 1986-1987 marks a complete year since Document Delivery (formerly part of Extension Services) was combined with the Serials Unit which also includes Interlibrary Loan. As a result, the three units incorporated new ideas, methods and priorities to facilitate the needs of each department.

Staff

The CS-IV temporary position became permanent; in addition, a temporary position was allocated to assist with the Unit's heavy workload.

Statistics

A total of 8,479 requests was received from the New Mexico health care community and other medical and non-medical libraries and institutions compared with 5,319 requests submitted last fiscal year. Despite the fact that requests are increasing in all areas, this year's dramatic increase is due in part to new calculations in the Unit, which now reflect non-medical libraries and institutions, as well as LATCH and SCAN-ALERT requests. New outreach services also were implemented and are now counted into the monthly statistics.

Document Revisions

The Policy and Procedure Manual was revised and updated, including a section on how each user or institution is billed. It was the first of many documents in the Unit to be loaded onto the Leading Edge word processing system. Request forms, form letters, and statistical forms also were revised and entered into the system. Although time-consuming, the task did not affect services rendered. The new documents are now readily available for updating whenever necessary.

Outreach

New outreach services include:

- Photocopy and delivery service for handicapped staff and students, in cooperation with the Affirmative Action Office to provide easier access to Medical Center Library materials.
- Photocopy and mail delivery service for students in the UNM College of Nursing BSN Program offered at Las Vegas. The Montanas del Norte AHEC assumed expenses for this program.
- RICOH Telefacsimile machine facilitates transmittal of Patient Emergency RUSH requests to and from reciprocal TALON/SCAMEL Resource Libraries.

PCC Students

Because each PCC site received a personal computer for MEDIS searching from the UNM Medical Center, requests from Phase 1B students decreased 27%--nearly identical to last year's 28% decrease.

Physicians Outreach Program

The Physicians Outreach Programs' pamphlet underwent several changes, and will continue to be revised as new services are made available to physicians.

Deposit Accounts--Discontinuation of Coupons. In lieu of coupons for affiliated users, the Accounting Department will maintain a record of the remaining balance for end of month reporting on each account.

Plans/Recommendations

The future growth in Document Delivery will bring on new challenges and technological developments for the coming year. The department will strive to maintain the efficient turnaround time of services to our users.

Automation for statistical purposes using Lotus 1-2-3.

Input all forms, correspondence, and reports onto Leading Edge.

E D U C A T I O N A L S U P P O R T A N D I N S T R U C T I O N A L P R O G R A M S

SUSAN ANDERSON, ASSISTANT DIRECTOR

The position of Assistant Director for Educational Support and Instructional Programs was filled on January 15, 1987.

Education

Educational sessions (283 in FY 86/87) more than doubled over last year. Library educational services, ranging from tours to classroom research sessions, were conducted with all Medical Center programs. The increase also is due to the library's extensive teaching and orientation related to the MEDIS project. Students and faculty from the School of Medicine and house staff of UNMH were introduced to end-user online literature searching through MEDIS. The success of this project and the keen interest of library users to continue searching has prompted the library to investigate other software packages designed for end-users. In addition, a library group is exploring the feasibility of end-user search software development on ORACLE.

The use of microcomputers figures prominently in other library education activities. The Media Center's microcomputer laboratory is heavily used both by individuals and class groups and the education, media and reference staff have been involved in orientations and teaching of microcomputer skills. The Library is also serving as consultant to a College of Nursing committee planning grant expenditures for a microcomputer and software collection within the College.

The traditional schedule and content of library instruction has expanded over the past few years. In 1987, the Library was invited to address a nurses' CE course on research and was also increasingly consulted by Main Campus groups using health sciences resources. Targeted classes such as Personal Information Files (PIF) and Information Clinics continue to serve all levels of North Campus library users.

Extension

Administrative aspects of the extension program were shifted to another division allowing more emphasis on education and outreach. Renewed involvement with the Montanas del Norte AHEC Library/Media Resources Task Force in a consulting role has helped their efforts to support the BSN program offered at Luna Vocational-Technical Institute. Library staff will also be involved in teaching health professionals in the AHEC area information management skills such as end-user searching and in planning for long range AHEC support for libraries. Staff in hospitals entering an affiliation agreement with the Library and institutions with cooperative borrowing agreements are eligible to participate in educational sessions and consultations; the NAIHS has expressed interest in a similar session. We plan to increase publicity aimed toward enlisting wider membership in the Physicians' Outreach Program (POP), and Outreach Program for Nurses (OPN). Both programs offer library services to health professionals statewide.

Future Plans

- Continue to review and revise user education materials and handouts for content and style.
- Continue to distribute information about library programs, with increased emphasis on integrating information management skills into the North Campus curriculum.
- Continue to support and anticipate new areas of emphasis within the Medical Center with educational and outreach efforts.

MEDIA CENTER: LILLIAN CROGHAN

Upgraded AV equipment and software, increased use of resources, and expanded space for study rooms, are among the exciting activities which occurred in the Media Center this past year.

Use of Resources

Both in-house use and checkout activities increased 25% among primary (Medical Center) users. A wider spectrum this year included first and second year medical students, house officers, staff, and SOM faculty (Table 32). The "non-medical center" category increased 531%, due to 1) an open-borrowing policy for Main Campus students adopted in June 1986, 2) access to more materials, and 3) growing awareness of the Library's Media Center services. Hardware purchases included two IBM microcomputers with printers, two half-inch videoplayers, five new TV monitors and new microfiche readers. The curriculum-based collection was augmented with sixty new titles, including twelve software items.

Microcomputer Laboratory

A School of Medicine elective used the Physician's Data Base Manager (PDB) software program and PCC tutorial groups used both PDB and Cyberlog software. Students in the Respiratory Therapy program must log seven hours of computer time using software in the Media Center. Third year medical students on rotation in Cardiology are also required to use several software programs.

A change in the unit's use of space provides new study rooms and carrels for microcomputers, while the new PC Viewer offers easy projection from microcomputer to a screen for group demonstrations.

Cardiovascular Learning Center

Dr. Irwin Hoffman, volunteer clinical faculty member and director of the Cardiovascular Learning Center, made additional suggestions for expanding CV Learning Center resources. The collection now contains several software and AV programs used by students and health professionals statewide through the Physicians's Outreach Program and Outreach Program for Nurses. The Actronics CPR/ACLS Learning System purchased by the SOM in May 1986 also is a valuable resource. As outlined by the Dean of the Medical Center, a CPR Task Force composed of representatives from priority users was formed to formulate policy and discuss use issues. Fifty-nine users worked with the CPR module from December 1986 to June 1987; forty-eight earned certification. School of Medicine students, residents and faculty and Emergency Medical Services students were the heaviest users. Another fifty-nine persons used the ACLS module of the System from January to June 1987. Users in this group consisted of 3rd and 4th year medical students, house officers, Respiratory Therapy students and UNMH staff. Interest and demand for scheduling are increasing.

Education

The Unit continued orientation programs for regular users. Media reserves were processed for the School of Medicine, College of Nursing and other North Campus programs. Faculty were advised of new media acquisitions and were assisted in assigning media for their blocs.

Outreach

Use of "Improved Pregnancy Outcome (IPO)" rental materials continues to decline. Compared to 294 programs used last year, 191 were loaned this year, representing a drop of 35%. Four nurses (3 RNs and 1 LPN) borrowed the programs for CEARP credit under the Outreach Program for Nurses and were awarded a total of 64 credits. Among action items being considered to improve circulation of IPO materials are a more aggressive advertising campaign and acquiring a wider array of specialty areas.

Staff

All three media positions were upgraded this year. The CS V and Storekeeper positions were upgraded to LTA II; the Library Specialist II position was upgraded to a Library Specialist III. Staff stability has markedly improved the Unit's efficient service capability this year.

Plans and Recommendations

Future plans include staff training on microcomputers, further development of the software collection and integration of collection use into the curriculum of the North Campus programs. Policy will be established to govern microcomputer use priorities and fees where necessary, to cover operating and/or telecommunication costs. Plans are underway to offer instructional sessions on microcomputer use for both word processing and classroom applications.

I N T E R L I B R A R Y L O A N

HEIDI MILLER, UNIT HEAD

Since our work load was down slightly this year, staff had time to integrate automation into the Unit. Statistics were automated using Lotus 1-2-3 and, for the first time, the annual statistics reports were finished at the end of June. Considerable time was saved using the M-300 OCLC system's programmable function keys when ordering ILLs. In addition, the Unit Head helped Serials staff enter their records onto the MicroLinx automated system.

Now that the library has acquired a Telefax machine, the Unit can provide articles for those users who are in a time crunch. Regional policy at this time is to use FAX for patient-care emergencies only. ILL also will send non-library materials on FAX, for a fee. So far, grant-related materials were sent from a UNM faculty member to his colleague in another part of the state.

DOCLINE, NLM's ILL system is still being tested. Although NLM plans to begin charging for use of the system in January 1988, no fee-schedule has yet been announced. Due to technical problems, the ILL staff still is not pleased with DOCLINE. When charges are incurred, the unit will seriously consider whether the system should be retained.

The Unit Head conducts occasional tours that offer a general overview of the library and how to use it. Specific questions about the use of indexes and other reference materials are referred to the Reference Librarians.

While the number of house staff requests rose dramatically, the number of faculty, staff, student and hospital staff requests decreased. The drop may be due to the departure of several faculty members who were regular ILL users, or perhaps the emphasis in our research community is changing.

Future Plans

Should the work-load remain at current low levels into Fall Semester, the Unit Head will assume other tasks in addition to ILL activities, i.e., helping other units with statistics automation, assisting with the mini-MEDLINE project and other related activities. The Unit Head plans to learn Grateful Med to aid in verifying citations.

N E W M E X I C O M E D I C A L H I S T O R Y P R O G R A M A N D M E D I C A L C E N T E R A R C H I V E S

JANET JOHNSON, MANAGER

The event of the year was moving into the History and Archives Room (Room 223) after a six-month renovation. The handsome facility houses both published and unpublished documentation collected through the Medical History Program, archival records of the UNM Medical Center and School of Medicine, and the Library's rare books. The room will comfortably accommodate scholars and researchers interested in these historical materials.

Oral History Project. This collection now includes taped interviews with 108 physicians and other health professionals. Of these, 69 interviews have been transcribed. Another two dozen individuals have agreed to be interviewed, of which half are osteopathic physicians, a group thus far not represented in this Project.

New Mexico Medical History Committee. The eight physicians appointed by the President of the New Mexico Medical Society to provide advice on the Medical History Program's goals have elected to meet quarterly rather than twice yearly. The group, which became a Standing Committee of the Society this year, requested financial support for FY 1988 at the previous year's level of \$3,000. The Committee continues to identify individual physicians who might be willing to prepare histories of their practice specialities.

Centennial Volume. Dr. Jake Spidle's book, Doctors of Medicine in New Mexico: A History of Health and Medical Practice, 1886-1986, released in September by the UNM Press, has been well received. Sales of a specially bound, limited edition will benefit the New Mexico Medical History Program.

Acquisitions. Three major collections were obtained during the year: 1) transaction and membership records of the New Mexico (State) Nurses Association from its founding in 1922; 2) files from the now-defunct UNM Office of Vice President for Health Sciences, 1968-1975, including primary mission files of Medical Center and School of Medicine departments and programs; and 3) files of the New Mexico Health Systems Agency created during its ten-year existence, 1975-1986, including "certificate of need" documents submitted by health care facilities throughout New Mexico. Materials processing will be completed during the coming year.

Microfilming. Microfiche copies are now available of the archival records of the New Mexico Medical Society (1881-1948), the Bernalillo County Medical Society (1926-1945), and the San Miguel County Medical Society (1948-1980). Similar preservation of other organizations' early histories may be undertaken in the coming year.

Outreach. Contacts were made this year with several community groups and Medical Center departments about placing their historical records in the Library's History and Archival Collections. Ongoing negotiations are with: New Mexico Nurses Association, New Mexico Chapter of the American Academy of Family Physicians, New Mexico Osteopathic Physicians Association, Primary Care Curriculum, Department of Psychiatry, and Office of the Medical Investigator.

Exhibits/Displays. Exhibits publicizing the Medical History Program and soliciting participation in it were presented at the annual meetings of the New Mexico Public Health Association, the New Mexico Medical Society, and the New Mexico Osteopathic Medical Association, and a "Rally for Statehood" sponsored by the Albuquerque Convention and Visitors Bureau. Theresa Haynes received help from the Archives Manager in planning and executing a tricultural medical history exhibit in the new History and Archives Room.

User Services. Hours of operation and policies for use of materials in the History and Archives Room will be established early next year.

Finding Aids. Preliminary planning is underway to convert the History Program's manual card catalog to an automated system for more efficient accession and retrieval of historical and archival materials.

Meetings Attended as History of Medicine Exhibitor

New Mexico Public Health Association 70th Annual Convention April 29-30, 1987	Holiday Inn Journal Center Albuquerque
New Mexico Medical Society 101st Annual Meeting May 6-7, 1987	Clarion Four Seasons Albuquerque
Rally For Statehood - May 16, 1987 Alb. Convention & Visitors Bureau	Ramada Classic Albuquerque
N.M. Osteopathic Medical Association 50th Annual Convention June 25-27, 1987	Holiday Inn Journal Center Albuquerque

R E S O U R C E D E V E L O P M E N T

CHERI KOINIS, RESOURCE DEVELOPMENT OFFICER

Grants

An Interactive Medical Information System in New Mexico. In November 1986 we received approval for full two-year funding, as requested, beginning March 1, 1987. This grant allows us to initiate electronic communication capability and online access to biomedical information resources for Medical Center faculty and students, as well as New Mexico hospitals and health care providers.

A Statewide Nursing Continuing Education Project. This grant, submitted on March 1, 1987 to the U.S. Dept. of Health and Human Services Division of Nursing, is a three-year project which seeks to establish a statewide continuing nursing education network based at The University of New Mexico's College of Nursing in cooperation with the Medical Center Library, all nursing schools throughout New Mexico, UNM Hospital and related agencies and institutions. We should hear by August, 1987 whether our efforts succeeded.

An Automated Indexing System for Oral History Collections. Submitted to the UNM Foundation on February 23, 1987, this grant requested money to develop and distribute a survey to Oral History Programs throughout the U.S. to determine present use and/or the need for an automated indexing system for transcriptions. Disapproval received on May 18, 1987 explained that of the 90 proposals submitted, only ten were funded.

Employee-User Relations for Medical Libraries. This project, currently in the development stage, seeks funding to develop a comprehensive training module to be used with staff in medical libraries. The module will include a student guide and a facilitator's guide, along with a videotape to help trigger discussion.

Miscellaneous

Information Clinic. This three day clinic was held in December 1986 for administrative assistants, secretaries, and publications support staff. The August 1986 clinic was cancelled due to limited staff. The clinic scheduled for May 1987 was cancelled due to insufficient enrollment.

Strategic Planning Task Force. The writer assisted in the developmental process of planning focus groups for North Campus faculty, including the Colleges of Nursing and Pharmacy, School of Allied Health and Dental School.

User Guides. These library directories are being revised to consolidate and make information more consistent.

Professional Activities - From May 23-27, the writer traveled to Norfolk, Virginia for the 29th Annual Meeting of the Health Science Communication Association (HeSCA). She attended an all day workshop on Intra- and Interdepartmental Communications, as well as a number of business meetings, seminars and business luncheons. Time was also spent in the Learning Resource Center previewing and evaluating several media packages (slide-tapes, video-tapes, print and CAI). She participated in the Media Sharing Network which entails previewing and evaluating a variety of video-tapes produced by HeSCA members in the Instructional Development and Media Production Interest Groups. She also serves as Newsletter Editor for the New Mexico Society for Healthcare Educators, the local chapter of The American Society for Healthcare Education and Training.

Future Plans

- Design and develop educational training materials to be used for new MCL employee orientation
- Continue exploring new software for integration into job performance
- Continue using the instructional design process to develop educational materials

S E R I A L S

SANDY BRANTLEY, UNIT HEAD

Automation has been a dominant feature in Serials this year. The Unit's IBM-AT now contains software for the journal vendor's electronic mail system, providing a quick means of sending letters, orders and claims. The Leading Edge word processing program, in use throughout the Library, now helps to produce our reports and tables. Because the computer has a modem for electronic mail, it can also access DOCLINE (NLM's interlibrary loan system) and acts as a backup terminal for ILL and Document Delivery.

The Unit's main achievement was installation of Faxon's MicroLinx program for serials control in March 1987, when staff began entering bibliographic records and checking in daily journal receipts. Four staff members are currently editing and entering records for the Library's current subscriptions and standing orders, a task that is expected to last nearly a year. Later projects include invoice and binding records and entries for inactive titles. While the Faxon program has performed well in this first phase, staff look forward to additional refinements for greater flexibility in searching and printing. Manual check-in is still maintained to compensate for either system or operator errors. New titles, however, are controlled only through MicroLinx.

Unfortunately, along with these welcome developments, the Unit experienced a 19% increase in subscription prices, causing a severe deficit in the Serials

budget. The Unit continues to work with the Director and the Chief of Collection Development to find alternatives to offset this hardship, especially since a similar increase is expected for the coming fiscal year. Possible solutions include cancelling some titles (although the collection has little "fat" in it) or additional funding from outside sources. Cancellations are being considered across disciplines or by dropping publications of one or two publishers whose prices are extremely high. Alternatives are being discussed with faculty and with regional medical libraries to ensure that access to needed information is maintained.

A stable Serials staff this year (one LIS I FTE and one CSV FTE), eased the task of converting to automation and of analyzing the collection for possible cancellations. The Unit appreciated help from Systems staffer Leona Green and Interlibrary Loan Head Heidi Miller for their assistance in activating the MicroLinx project.

Future Plans

Plans next fiscal year will center on expanding records on MicroLinx with the intent of making the Library's serial record more accessible for both staff and users.

TECHNICAL AND SYSTEMS APPLICATIONS

TOM PETERSON, CHIEF

The Wang minicomputer received extensive use this past fiscal year. In-house administrative word processing and Library database applications continued to rely on the Wang system. The Aims Data Base Management System was upgraded to a newer release which provided additional enhancements and corrected several deficiencies in earlier versions. The Library also assumed maintenance of the School of Medicine Alumni File. The file, which contains over two thousand records, was converted for use on the Wang system from a PC based dBase III file. Maintaining this data on a multi-user minicomputer system provides more timely access and aids in generating selected reports.

All outdated Wang terminals were replaced with personal computers during the spring of 1987. Each replacement was configured with hardware and software necessary to function as a Wang terminal, and as a terminal responding to our new Vax computer hardware. During this same period, all non-administrative word processing documents were removed from the Wang minicomputer and converted into a PC-based word processing format which, in turn, provided disk space for expanding several database applications.

Expansion of computer use and its attendant computer literacy both within the Library as well as on the Medical Center campus continued throughout the year. The proliferation of personal computers on campus has provided many users with the opportunity to develop their own database applications and undertake their own online searching. Trained Library staff continue to offer classes as well as individual assistance to these users. Our experience indicates that, as future library applications become available, an experienced base of North Campus users will be ready to receive them.

An appreciable amount of Systems time went toward investigating and evaluating new computing hardware. Early this fiscal year the Library received funding approval from the National Library of Medicine for our automation grant. The grant described in detail our automation goals as well as specific objectives required to attain these goals. After evaluating a number of library-oriented automation packages, we decided to avoid the traditional 'turn-key' approach in our grant specifications which would leave us with little or no hardware upgrade path. We also recognized that packaged automation systems with their built-in hardware and software, could provide neither the specifications necessary to our unique automation project nor the addition of in-house applications which we require. By their intention and design, traditional Library automation systems fail to address the long-range automation plans of the institutions they serve. Although the grant proposed a specific hardware arrangement, by the time it was approved those hardware specifications were outdated by nearly one and one-half years. Thus, while our automation goals remained the same, hardware solutions had changed dramatically.

We began by searching for a minicomputer system with enough power to handle the two principal grant components: 1) a data base management system for both Library and Medical Campus applications, and 2) an automated library system for catalog access and circulation transactions. Although there were several hardware options, each had inherent problems. The most common obstacles were the high price of the initial hardware and exorbitant maintenance costs following installation as well as expensive software license fees for the larger system.

A solution was reached after we separated the two basic components in our grant specifications. We found that our database applications could run effectively on a smaller machine, and a Micro Vax II was selected for this purpose. The price for this unit was significantly reduced by purchase through a university consortium agreement. A Digital Equipment Corporation Vax 8350 was selected as the operating hardware for the Library automation element, our second component. The Digital DecNet hardware/software communications package was chosen to provide a user-transparent link between the two systems. This two-CPU solution now affords the Library a future growth path as well as providing it with maximum CPU power for our initial investment.

Future Plans

A major systems objective this past year was to identify and acquire hardware and software to implement the Library's automation goals. A principal objective next year will be the integration of this new hardware into the Library's automation environment.

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DOCUMENTATION BIBLIOGRAPHY
FY 1986-87

Publications for Public Distribution

1. Brochures and Posters
 - 1.1 New Mexico Physicians Outreach Program - 1987
November 1986
Publicity flyer with Membership Application Form
Distribution: New Mexico Physicians
 - 1.2 MEDIS Training Sessions
Publicity Flyer
July 1986
Distribution: School of Medicine Faculty and Students
 - 1.3 FOLLOW-UP MEDIS Training Sessions
Publicity Flyer
August 1986
Distribution: School of Medicine Faculty and Students
 - 1.4 GROUP MEDIS Training Session
Publicity Flyer
August 1986
Distribution: School of Medicine Faculty and Students
 - 1.5 LATCH (Literature Attached To Charts)
Publicity Brochure
August 1986
Distribution: School of Medicine Faculty
 - 1.6 MEDIS Training Session
Publicity Flyer
September 1986
Distribution: School of Medicine Students
 - 1.7 LOTUS 1-2-3
Publicity Flyer
November 1986
Distribution: School of Medicine Administrative Departments
 - 1.8 MEDIS Training Sessions
Publicity Flyer
November 1986
Distribution: School of Medicine Faculty and Students
 - 1.9 Information Clinic
Publicity Flyer
December 1986
Distribution: Clerical Staff and Administrative Assistants of the North Campus

- 4.2 User Guide Series 10 pages
 UNM Medical Center Library
 August 1986
 Categories covered: Library Information,
 Guidelines for Using Deposit Accounts,
 Service Fees and Charge Accounts -
 UNM Affiliates and Non-Affiliated
- 4.3 Information Searching Guides in the Medical 14 pages
 Center Library
 September 1986
 Seven search categories are covered in this
 packet: Index Medicus, Index to Nursing and
 Allied Health Literature, Index to Dental,
 Literature, International Nursing Index,
 Science Citation Index, Current Contents,
 Psychological Abstracts, Excerpta Medica
5. Bibliographies
- 5.1 Cardiovascular Learning Center 126 pages
 Subject and Title Listing
 Compiled for the Media Card Catalog
 UNM Medical Center Library
 September, 1986
6. Miscellaneous
- 6.1 New Mexico Medical History Program 443 pages
 Oral History Project
 17 History Transcripts Transcribed
 UNM Medical Center Library
- 6.2 Serials List 434 pages
 Revised edition UNM Medical Center Library List
 List of 2,997 titles in serials collection
 January, 1986
- 6.3 Annual Report 56 pages
 UNM Medical Center Library
 July 1, 1986 to June 30, 1987
- 6.4 Request for Proposals Grant 138 pages
 UNM Medical Center Library
 June 1986

- 1.10 Unlimited Access To Medline
February 1987
Distribution: School of Medicine Faculty and Students
- 1.11 Information Clinic
Publicity Flyer
May 1987
Distribution: Clerical Staff and Administrative Assistants of the North Campus
2. Booklists
- 2.1 new books for 1986-1987
Six issues:
August February
October April
December June (total no. of pages 58)
A supplement to adobe medicus published on alternate months containing a list of new books and media materials available in the Library
Distribution: UNM Campus, Physicians Outreach Program, and NM Hospitals
Circulation: 530 Total copies distributed 3,180
3. Bulletins
- 3.1 adobe medicus for 1986-1987
Six issues in vol. 9, # 4, 5, 6; vol 10, # 1, 2, 3
(approximately 19 pages each)
Besides presenting articles of interest on library issues, this bi-monthly bulletin of the Medical Center Library contains regular features including Library News and Notes, a Once Over page, and a list of new books and media materials available in the Library
Distribution: UNM Campus, Physicians Outreach Program, NM Hospitals and Selected National Libraries
Circulation: 650 Total copies distributed 3,900
- 3.2 Medical Center Library Newsbrief
one issue, no. 1, February 1987
A newsletter published twice yearly. Keeping the Navajo Area Indian Health Service informed of the UNM Medical Center Library services, updates, changes, computer applications and related information.
Circulation: 10 hospitals Total copies distributed 125
4. User Guides
- 4.1 A Guide to the Medical Center Library 9 pages
User Guide - 1986
Distribution: local user groups 1,000

THE UNIVERSITY OF NEW MEXICO
MEDICAL CENTER LIBRARY

Contributions to the Library
FY 1986-87

Albuquerque Environmental Health Department
Otto Appenzeller, M.D., Albuquerque
Max D. Bennett, Albuquerque
Lynne Bicknell, R.N., Albuquerque
Zella Bray, R.N., Albuquerque
Judith Brown (NM Nurses Association), Albuquerque
Mrs. Jane Campbell, Albuquerque
Carrie Tingley Hospital
College of Pharmacy, UNM
Eileen Churchman, R.N., Albuquerque
Mary Lou Chutkow, Albuquerque
Joanne Cordova, Albuquerque
Alice Cushing, M.D., Albuquerque
Carol Dresser, R.N., Albuquerque
Anne Fox, R.N., Santa Fe, NM
Allan Frank, M.D., Albuquerque
Robert Friedenber, M.D., Albuquerque
Don Gibbs, Albuquerque
Cheryl Giron, M.D., Albuquerque
Larry J. Gordon, Santa Fe, NM
Greater Albuquerque Medical Association
Fred Hanold, M.D., Albuquerque
Alvin S. Hartz, M.D., Farmington, NM
James Hueftle, Albuquerque
Richard Isaacson, Albuquerque
Robert Kellner, M.D., Ph.D., Albuquerque
Audrey J. Kidder, Dayton, Ohio
Chester M. Kurtz, M.D., Albuquerque
Joan G. Levitt, M.D., Roswell, NM
Eleanor D. MacDonald, Farmington, NM
John McCulloch, M.D., Farmington, NM
Fred A. Mettler, M.D., Albuquerque
John R. Miller, Albuquerque
William L. Minear, M.D., Albuquerque
Mohinder Mital, M.D., Albuquerque
Pam Morden, Albuquerque
Navajo Area Indian Health Service
NM Head Injury Foundation
NM Medical Society
NM Organization for Adolescent Pregnancy
& Parenting
NM Osteopathic Medical Association, Albuquerque
Patricia O'Brien (T-VI), Albuquerque
Office of Education, UNM School of Medicine
Office of Student Affairs, UNM School of Medicine
Office of the Medical Investigator
George E. Omer, M.D., Albuquerque

Contributions to the Library
FY 1986-87

(cont.)

Lewis M. Overton, M.D., Albuquerque
R. Steven Padilla, M.D., Albuquerque
John T. Parker, M.D., Farmington, NM
Primary Care Curriculum, UNM
Colin Randolph, Albuquerque
Gustave G. Rhodes, M.D., Albuquerque
Helen Saylor, Albuquerque
School of Medicine Class of '89
Sidney Schultz, M.D., Albuquerque
Toby L. Simon, M.D., Albuquerque
E. Clyde Smoot, M.D., Albuquerque
Jake W. Spidle, Jr., Ph.D., Albuquerque
Risa Taylor, Albuquerque
William G. Troutman, Ph.D., Albuquerque
Upjohn Company, Kalamazoo, Michigan
Eunice Vandervoort, R.N., Clayton, NM
Albert Vogel, M.D., Albuquerque
Rebecca Wedell, Milan, NM
Lawrence H. Wilkinson, M.D., Albuquerque
Joe P. Williams, M.D., Roswell, NM
P.T. Williams, Albuquerque
Ralph C. Williams, M.D., Albuquerque
J. Robert Willson, M.D., Albuquerque
W.W. Winslow, M.D., Albuquerque

In Memoriam

The New Mexico Medical History Program's Archives received personal papers of Doctors C. Pardue Bunch, Robert C. Derbyshire, and John S. Moore. Included were published and unpublished manuscripts, books, photographs, and records of their professional and service affiliations.

MEMORIAL GIFTS

Greater Albuquerque Medical Association

IN MEMORY OF

Norman L. Alhadeff, M.D.
Hugh L. Bass, M.D.
Richard Bicknell, M.D.
John H. Birch, M.D.
Melvin Bivens, M.D.
Sheldon Bliss, M.D.
Jack McCabe, M.D.
Lucy McMurray, M.D.
Nancy J. Mix, M.D.
Robert D. Moseley, Jr., M.D.
Lucien Rice, M.D.

The Medical Center Library extends sincere thanks and appreciation to members of the New Mexico Medical Society for their continued interest and generous support of the New Mexico Medical History Program. We offer our congratulations and best wishes on their forthcoming Centennial Celebration.

LIBRARY COMMITTEE SUMMARY FY 1986-87

Roster of Members

William C. Buss, Ph.D., Associate Professor, Department of Pharmacology
Betsy Kostas, Instructor, Dental Programs
Fred A. Mettler, Jr., M.D., Professor and Chairman, Radiology
Glenn T. Peake, M.D., Professor, Department of Medicine
Estelle H. Rosenblum, RN, Ph.D., Dean and Professor, College of Nursing
William Tandberg, M.D., Associate Professor, Family, Comm. & Emergency Medicine
David L. VanderJagt, Ph.D., Professor, Biochemistry
Ronald Watkins, Associate Professor, College of Pharmacy
Walter W. Winslow, M.D., Professor, Chairman, Department of Psychiatry

Chairman: Robert E. Waterman, Ph.D., Professor, Department of Anatomy
Ex-Officio: Erika Love, Professor, Director, Medical Center Library
Cecile C. Quintal, Assistant Professor, Associate Director
Jon Eldredge, Chief, Collection and Information
Resource Development, Medical Center Library

Recorder: Nina Garcia

Primary Functions of the Medical Center Library Committee:

To advise the Library Director and Director of the Medical Center on Library programs and policies.

To recommend library policies and to determine the degree (or success) of implementation.

To serve as a channel of communication between the Library and its users by helping to interpret library policies and the needs of its user groups.

To assist in obtaining fiscal and other support, both by making the Director of the Medical Center, Deans, and other budgeting officials aware of the Library's resource requirements and by assisting in seeking outside funding for community outreach services.

To provide support and guidance in the development of guidelines for the Medical Center Library as a component of the academic community.

Medical Center Library Committee Appointments:

Members are appointed by the Director of the Medical Center with advise from the Library Committee, the Library Director, and Deans and Department Chairmen of colleges and schools on North Campus.

The Committee shall be small enough to get its job done and large enough to represent the health professions served on North Campus.

There shall be a fair representation of different points of view, but members shall be selected primarily with a view toward their interest in and support of the Medical Center Library and its role.

Committee appointments shall be staggered to provide continuity. Define terms of service are set, but re-appointment of those members who are especially effective on the Committee is deemed desirable.

S T A F F E N R I C H M E N T C O M M I T T E E

DAVID PERCIVAL

Library staff continued their involvement in various educational activities during FY 86/87, with a total of 26 Committee travel requests approved. Though travel and related costs continue their upward spiral, our budget fails to reflect these inflationary increases. Thus, even the few staff who do receive travel funds are expected to pay a large part of their expenses out of pocket. The committee continues to explore options, promotes less costly local activities, and encourages all staff to attend career enrichment programs.

Staff Enrichment Committee	Term Expires
Susan Anderson	12/31/88
Nina Garcia	12/31/87
Cheri Koinis	6/30/88
Mary Lujan-Kurlee	6/30/88
David Percival, Chair	12/31/87

PROFESSIONAL AND CONTINUING EDUCATION ACTIVITIES

Name	Date	Courses/Meetings Attended	Cost	Admin Hrs
Anderson, Susan	5/15/87	MLA, Portland, OR	<u>621.00</u> -621.00	16 -16
Croghan, Lillian	8/19/86	Actronics Learning System, Pittsburg, PA	<u>710.00*</u> -710.00*	24 -24
DuCharme, Judith	5/14/87 10/29/87	MLA Meeting, Portland, OR SCRG Conference, Ft. Worth, TX	742.00 <u>280.00</u> -1,022.00	24 28 -52
Eldredge, Jon	6/27/87 1/26/87	ALA Annual Conference, San Fran., CA ALA Midwinter Meeting, Chicago, IL	184.00 <u>120.00</u> -304.00	21 24 -45
Garcia, Magdalena	9/11/86	ABC's of Management, UNM	-0-	- 8
Hotchkiss, Alice	5/11/87	SQL Development Method, Marina del Rey, CA	<u>481.00*</u> -481.00	40 -40
Kindrick, Lisa	11/ 6/86 10/14/86	AMIGOS Fall Meeting, Dallas TX NLM Online Serv Update, UNM MCL	264.00 <u>-0-</u> -264.00	16 16 -32
Koinis, Cheri	5/22/87 11/19/86 10/24/86	HESCA, Norfolk, VA Health Net Conference, Albuq., NM NM Hospital Assoc. Conference, Albuq., NM	620.00 -0- <u>-0-</u> -620.00	24 8 8 -40
Peterson, Tom	5/10/87	VAX Training, Los Angeles, CA	<u>481.00*</u> -481.00	40 -40
Quintal, Ceil	5/16/87 10/30/86	MLA, Portland, OR SCRG, Ft. Worth, TX	448.00 <u>212.00</u> -660.00	28 16 -44
Shelstad, Kirsten	5/17/87 10/26/86	MLA Meeting, Portland, OR SCRG, Ft. Worth, TX	432.00 <u>250.00</u> -682.00	32 16 -48
Sims, Heidi	4/ 3/87 10/28/87	NMLA 1987 Conference, Ruidoso, NM TALON/RAC ILL Meeting, Ft. Worth, TX	110.00 <u>115.00</u> -225.00	8 8 -16
Testi, Andrea	10/27/86	SCRG, Ft. Worth, TX	<u>393.00</u> -393.00	24 -24
Vigil, Lisa	4/30/87	Typewriting & Speed Wrkshp, UNM	-0-	- 8
Young, Maria	12/19/87	Situational Leadership II, UNM	-0-	- 7
Total Amount / Total Administrative Hours			-\$6,463.00	-444
*Total Travel funded by outside assistance			-\$1,672.00	
Total Administrative Hours w/o money request			-0-	- 55

THE UNIVERSITY OF NEW MEXICO
MEDICAL CENTER LIBRARY

Staff 1986/87

Name	Title	Start Date	Time On Job
Anaya, Debra	Media Center Technician	3-03-86	1 yr/ 4 mo
Anderson, Susan	Asst Dir Educ & Instruct Programs	1-15-87	6 mo
Anglin, William	Clerical Specialist	6-09-86	1 yr/ 1 mo
Archuleta, Virginia	Acquisitions Technician	6-20-83	4 years
Barreda, Rebecca	Biomedical Information Serv Tech	1-30-79	8 yr/ 5 mo
Brantley, Sandra	Serials Head	7-31-78	8 yr/11 mo
Busch, Alicia	Collection Management Head	10-12-82	4 yr/ 8 mo
Croghan, Lillian	Media Center Head	5-22-78	9 yr/ 1 mo
DeLilla, Ernesto	Student work-study	6-10-85	2 years
DuCharme, Judith	Reference Librarian	10-18-82	4 yr/ 8 mo
Eldredge, Jonathan	Collection Development Librarian	1-01-86	1 yr/ 6 mo
Garcia, Magdalena	Administrative Assistant	5-23-83	4 yr/ 1 mo
Gomez, Deborah	Collection Management Technician	10-01-84	2 yr/ 9 mo
Green, Leona	Systems Unit Technician	7-01-65	22 years
Haynes, Theresa	Program Specialist, Administration	6-01-77	10 yr/ 1 mo
Heglund, Gail	Circulation Technician	2-24-86	1 yr/ 4 mo
Heinemann, Margaret	Circulation Technician (Day)	11-11-85	1 yr/ 8 mo
Hotchkiss, Alice	Library Information Specialist	3-16-87	3 mo
Jassmann, JoAnn	Circulation/Coll Mgt Clerk	1-12-87	6 mo
Johnson, Janet	Archives Manager	2-06-84	3 yr/ 5 mo
Kesti, Julie	Asst Dir Biomed Inform Serv	5-01-87	2 mo
Kindrick, Lisa	Systems Librarian and Head BACS	9-16-85	1 yr/ 9 mo
Koinis, Cheri	Program Specialist, Resource Devel	10-09-84	2 yr/ 9 mo
Love, Erika	Director	3-01-77	10 yr/ 4 mo
Lujan-Kerlee, Mary	Accounting Specialist	7-28-87	11 mo
Martinez, Leonides	Media Center Technician	12-11-78	8 yr/ 7 mo
Miller, Heidi	Interlibrary Loan Technican	2-20-86	1 yr/ 4 mo
Mondragon, Katherine	Library Information Specialist	7-10-75	12 years
Percival, David	Administrative Coordinator	9-24-80	6 yr/ 9 mo
Peterson, Thomas	Analyst/Programmer	11-21-83	3 yr/ 7 mo
Quintal, Cecile	Associate Director	3-14-77	10 yr/ 4 mo
Reed, Joanne	Serials Technician	11-26-84	2 yr/ 7 mo
Shelstad, Kirsten	Clinical/Hospital Librarian	10-01-84	2 yr/ 9 mo
Slota, Elizabeth	Cataloging Technician	7-14-86	11 mo
Standing, Pat	Program Specialist, Systems	11-11-82	4 yr/ 7 mo
Stevens, Cecilia	Document Delivery Technician	4-21-86	1 yr/ 2 mo
Testi, Andrea	Online Services Librarian	3-12-86	1 yr/ 4 mo
Vigil, Lisa	Document Delivery Clerk	2-24-86	1 yr/ 4 mo
Wardlaw, Barbara	Cataloging Technician	4-28-81	6 yr/ 2 mo
Young, Maria	Circulation Tech (evening)	7-31-78	8 yr/11 mo

statistical tables

MEDICAL CENTER LIBRARY

ANNUAL REPORT 1986-87

Table 1
Reference/Online Services
Total Information Inquiries

Service Desk	1985/86	1986/87	% Change
Information Desk	21,238	14,110	- 33%
Circulation Desk	17,260	15,060	- 13%
Media Center	1,804	1,911	+ 5%
Reference/Back-up	5,097	16,026	+ 63%*
Total	45,399	47,107	+ 3%

*The Reference/Information Desk staffing was reviewed this past year to best meet the user demands and traffic. Effective September 1986 Reference librarians staff the Reference Desk, in lieu of being "on call", from 8 a.m. to 5 p.m. weekdays. The percent change now indicates that the reference librarians now equitably share in answering the reference and information queries with the Information Desk staff.

Table 2
Reference/Online Services
Number and Percent of Searches by User Status

User Status	1985/86		1986/87		% Change
	Number	% of Total	Number	% of Total	
Faculty					
Medical Center	442	31.0%	513	35.0%	+ 4.0%
Main Campus	3	.02%	19	1.0%	- .8%
Clinical Faculty	36	3.0%	21	1.0%	- 2.0%
Physician Outreach Prog.	59	4.0%	30	2.0%	- 2.0%
PCC Preceptors	26	2.0%	35	2.0%	0.0%
Total	566	40.0%	618	42.0%	+ 2.0%
Staff					
Medical Center	115	8.0%	146	10.0%	+ 2.0%
Main Campus	1	.07%	7	.04%	- .03%
Total	116	8.0%	153	10.0%	+ 2.0%
Medical Students					
Medical Regular	20	1.0%	24	1.0%	0.0%
Medical PCC	40	3.0%	14	.09%	- 2.0%
Graduate Biomedical	8	.05%	6	.04%	- .01%
Total	68	5.0%	44	3.0%	- 2.0%
Other Students					
North Campus	35	2.5%	52	3.0%	+ .05%
Main Campus	106	7.5%	76	5.0%	- 2.5%
Total	141	10.0%	128	9.0%	- 1.0%
House Staff	228	16.0%	217	14.0%	- 2.0%
Affiliation Agreement	--	--	30	2.0%	0.0%
Unaffiliated					
NAIHS	36	2.5%	99	7.0%	+ 4.5%
Other Physicians	48	3.5%	26	2.0%	- 1.5%
Other Hlth Professionals	55	4.0%	18	1.0%	- 3.0%
Lawyers	8	6.0%	94	6.0%	0.0%
Other	64	5.0%	40	3.0%	- 2.0%
Total Unaffiliated	283	20.0%	277	19.0%	- 1.0%
Grand Total	1402		1467		4.0%

Table 3
Reference/Online Services
Information/Reference Transactions
Service Area

Type of Trans.	Information Desk	Circulation Desk	Media Center	Reference	Total 86/87	Total 85/86
Dir./Referral	8,653	2,429	475	4,246	15,803	16,090
Information	1,949	10,048	440	3,539	15,976	13,352
Source Assistance	3,038	1,872	99	4,856	9,865	9,831
Equip Assistance	8	532	481	2	1,023	1,823
Online Appointments	51	-	-	1,276	1,347	1,402
Subject Reference	77	37	61	1,250	1,425	1,337
User Education	3314	142	355	837	1,668	1,564
TOTAL	14,110	15,060	1,911	16,026	47,107	45,399

Table 4
Computer Searches Performed in FY 1986/87

Searcher	No. of Searches	% of Total
Susan Anderson	27	2.0%
Judith DuCharme	443	30.0%
Jon Eldredge	3	.02%
Julie Kesti	31	2.0%
Katherine Mondragon	25	2.0%
Kirsten Shelstad	310	21.0%
Jeannie Stanfield	120	8.0%
Andrea Testi	508	35.0%
Total	1467	

Table 5
Periodicals and Serial Services

Fiscal Year	Dollar Devaluation	I&G Appropriation		Purchasing Power		Cost Increase of Library Materials
		\$Amt	Change	\$Amt	Change	
1977	.551	118,751	+ 19%	65,432	+ 11%	+ 8.0%
1978	.512	151,419	+ 27%	77,526	+ 18%	+ 11.0%
1979	.461	155,650	+ 3%	71,754	- 7%	+ 11.0%
1980	.406	166,564	+ 7%	67,624	- 6%	+ 16.0%
1981	.367	199,855	+ 20%	73,346	+ 8%	+ 28.0%
1982	.346	209,848	+ 5%	73,607	- 1%	+ 5.0%
1983	.335	233,708	+ 11%	78,292	+ 6%	+ 12.0%
1984	.321	233,708	0%	75,020	- 4%	+ 9.4%
1985	.310	248,018	+ 6%	76,886	+ 2%	+ 9.8%
1986	.304*	248,018	0%	75,397	- 2%	+ 10.0% **

* Survey of Current Business, April, 1987, p.S.6.

** Price Index for 1987:U.S. Periodicals, Library Journal, 15 April 87, p.44.

***The cost increase of library materials jumps to 19% for 1987 when foreign subscriptions are included.

Table 6
Acquisitions Comparison

	1984/85	1985/86	1986/87
<u>Monographs</u>			
Approvals Received	1,012	919	966
Approvals Returned	190	160	130
Direct Orders Received	567	581	587
Gifts Received	583	1,771	989
Gifts Retained	259	199	63
Pamphlets	28	18	43
Technical Reports	17	0	4
Titles to Cataloging	1,566	1,752	1,425
<u>Non-Print*</u>			
Videocassettes	89	33	55
Audiocassettes	3	7	0
Slides (Sets)	79	14	10
8/16mm. Reels	3	1	2
Filmstrips	0	0	1
Microforms (fiche)	0	0	0
Other (workbooks)	0	0	16
Models	3	5	2
Software	0	86	7
Charts	0	0	0
<u>Government Documents</u>			
Processed for Collection	3,038	3,131	2,397
Sent to Cataloging	333	206	203
Sent to Serials	1,402	1,600	925
Sent to Pamphlets	389	224	274
Staff Tools	157	160	109
Sent to Hearings Collection	56	41	28

*Figures reported for nonprint materials represent workload statistics and not bibliographic inventory figures.

Table 7

Acquisitions Activities			
OCLC Searches	1984/85	1985/86	1986/87
Titles Searched	6,315	3,250	1,121
Titles Already Owned	807	794	388
Titles Not in Database	798	351	106
NLM Database Searches			
Titles Searched	116	85	74
Titles Not in Database	29	34	25
Other			
<u>Invoicing</u>			
Processing for Payment	523	672	1,218
<u>Books Returned</u>			
(includes approvals)	190	260	160
<u>Direct Orders</u>			
Sent	549	543	522
Outstanding			
1st	4	12	160
2nd	17	0	67
3rd	11	15	27
4th	26	10	30
Total	58	37	284

Table 8
Cataloging Activities 1986/1987

	Titles	Volumes
Monographs	1,459	1,586
Media	53	142
Serials/4th Floor Journals	277	284
Government Documents	36	37
<u>Original Cataloging</u>	114	119
<u>Recataloged</u>	75	104
<u>Location Change</u>	29	53
<u>Replacement</u>	0	0
<u>Withdrawn</u>	248	303

Table 9
Cataloging - Net Production

	1984/85	1985/86	1986/87
New Items Cataloged	3,493	2,564	1,966
Catalog Cards	29,783	21,062	17,165
Online Catalog Hours	1,167	76	381
Online Catalog Records			
Corrected	27,105	819	3,390

Table 10

BIBIOGRAPHIC ACCESS & CONTROL

Volumes Added by Classification FY 86/87

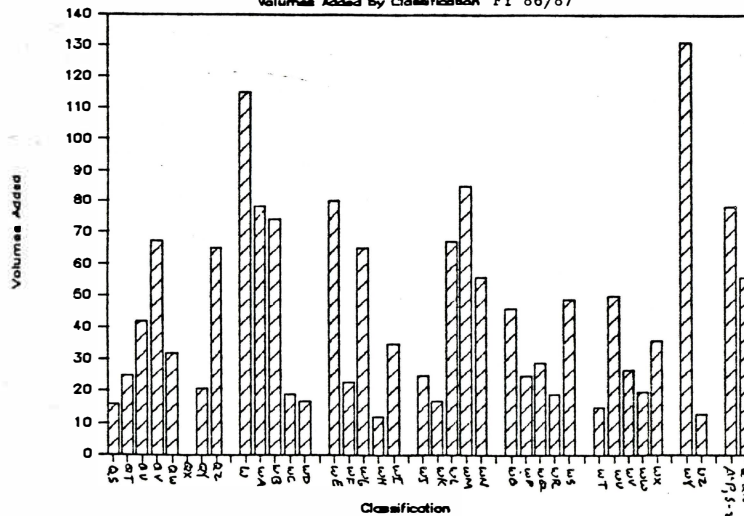


Table 11
BIBLIOGRAPHIC ACCESS & CONTROL
Volumes Added by Class FY 86/87

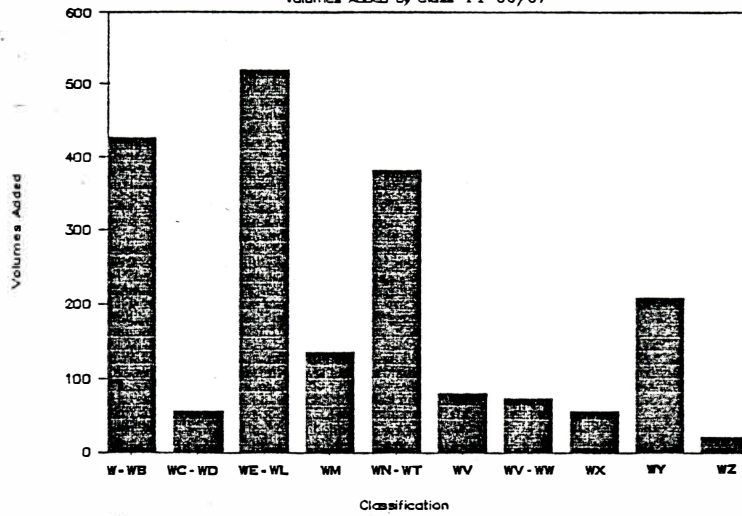


Table 12
Circulation
Gate Count Comparison

Month	1985/86	1986/87
July	11,692	13,102
August	14,766	14,547
September	22,179	23,357
October	25,733	24,474
November	21,249	20,486
December	16,611	15,601
January	15,925	14,242
February	19,688	21,445
March	20,439	21,506
April	21,671	21,869
May	17,045	16,271
June	12,351	12,975
Total	219,349	219,875
Peaks:	October	October
	April	April
Lows:	July	June

Table 13
Circulation Desk Transactions

Month	1985/86	1986/87
July	3,837	4,219
August	4,175	4,660
September	7,451	8,276
October	8,714	8,465
November	7,745	7,713
December	4,984	4,949
January	5,994	6,114
February	7,340	7,821
March	8,198	8,081
April	7,188	8,323
May	4,817	5,386
June	4,548	4,665
Total	74,991	78,672
Peaks:	October	October
	March	April
Lows:	June	June
	July	July

Table 14
Circulation Reserves Processed

	1985/86	1986/87
July	30	100
August	261	239
September	267	129
October	49	69
November	33	56
December	109	111
January	280	203
February	92	165
March	199	161
April	100	112
May	194	147
June	64	115
Total	1,678	1,507
Peaks:	January	August
	September	

Table 15
1986/87 Circulation MCL User Population

(Users) Population	Code	Total User Group	Registered Borrowers	% of Total User Group	% of Total of Registered Borrowers
Faculty: SOM					
Medicine	01-XX-01	359	197	55%	8%
Nursing	02-XX-01	37	25	68%	1%
Pharmacy	03-XX-01	21	13	62%	1%
Allied Health	04-XX-01	3	0	0%	0%
Dental	05-XX-01	21	4	19%	0.05%
Main Campus	08-XX-01		37		1%
Total Registered Faculty Borrowers			276		11%
House Officers	01-XX-03	290	184	63%	7%
Students: SOM					
Medicine	01-00-XX	401	311	78%	12%
Nursing	02-00-XX	406	258	64%	10%
Pharmacy	03-00-XX	162	122	75%	5%
Allied Health	04-00-XX	174	110	63%	4%
Dental	05-00-XX	52	31	60%	1.5%
Main Campus					
Undergraduate	08-XX-XX		284		11%
Graduate	08-XX-XX		226		9%
Total Registered Student Borrowers			1,342		52%
Other					
SOM Staff	01-XX-07		323		13%
SOM Nurse	01-XX-06		131		5%
Clinical Assoc.	XX-XX-08		119		5%
POP	09-01-XX		55		2%
Lawyer	09-XX-97		30		1.5%
Individual	09-00-XX		37		1.5%
Institutions	09-XX-00		24		1%
Total			2,521		100%

Table 16
Circulation Checkouts and Overdues

Month	Checkouts	Phone		Overdue Rate
		Renewals	Total Checkouts	
July 86	1,085	99	1,184	15.0%
August	890	103	993	17.0%
September	1,636	187	1,823	8.0%
October	1,925	319	2,244	13.0%
November	1,983	320	2,303	6.0%
December	1,074	202	1,276	18.0%
January 87	1,398	212	1,610	13.5%
February	1,680	340	2,020	11.0%
March	1,923	442	2,365	11.5%
April	1,991	462	2,453	14.0%
May	1,151	309	1,460	16.0%
June	1,166	219	1,385	12.0%
TOTALS	17,902	3,214	21,116	12.0%(ave.)

Table 17
Circulation of Library Materials

Category	85/86	86/87	Percentage Change
Circulation	18,560	21,116	+ 14%
Reserve	15,244	13,231	- 13%
Total	33,804	34,347	%

Table 18

Sale of Copytex Cards	85/86	86/87
	6,105	5,537

Table 19
Circulation Registered Borrowers

	85/86	86/87	% Change
FACULTY			
North Campus	216	239	+10%
Main Campus	65	37	-43%
Total	281	276	- 2%
STUDENTS			
North Campus Total	689	832	+17%
Main Campus			
Undergraduates	--	284	--
Graduates	245	226	- 8%
Total	245	510	+108%
UNM - Others	164	184	+11%
SOM Staff & Clin. Assoc.	447	573	+22%
Off Campus	126	146	+14%
Other	159	N/A	N/A
GRAND TOTAL	2,111	2,521	+19%

Table 20
Collection Development
Library Holdings by Format

	1984/85	1985/86	1986/87
Printed Materials*			
Journals			
Titles	2,934	2,997	3,004
Bound Volumes	75,934	81,434	83,698
Books			
Titles	38,230	40,281	41,923
Volumes	42,536	44,674	46,406
Technical Reports (items)	923	923	927
Pamphlets (items)	3,902	4,021	4,264
Audiovisual Software			
Audiocassettes			
Titles	294	296	297
Pieces	1,696	1,703	1,704
Videocassettes			
Titles	873	899	929
Pieces	1,172	1,205	1,249
Slide/Tapes			
Titles	330	336	336
Pieces	1,212	1,220	1,220
Slide Programs			
Titles	283	285	288
Pieces	449	455	461
Stereoscopic Sets			
Titles	16	16	18
Pieces	83	83	86
Motion Picture (8 & 16 mm reels)			
Titles	200	201	201
Pieces	277	278	278
Filmstrips			
Titles	62	62	62
Pieces	277	277	277
Microcomputer Software			
Titles	--	26	38
Pieces	--	86	105
Misc. (incl. medical models)			
Titles	40	43	45
Pieces	122	127	129

* Government documents and monograph serials are integrated into other parts of the collection:

Monographic Serials (titles)	584	583	573
------------------------------	-----	-----	-----

Table 21
Collection Management Statistics

	1985/86	1986/87	% Change
Journals commercially bound	2273	2264	- 1%
Books commercially bound	180	108	- 4%
Total books, journals bound in-house	1351	874	- 35%
PAM	145	85	- 41%
Tie	44	23	- 48%
3-ring binders	29	18	- 38%
Therm-a-bind	52	70	+ 35%
Pressboard	228	212	- 7%
GEBCO	603	500	- 17%
Repairs	1716	2183	+ 27%
Books, journals processed in unit	7793	8133	+ 4%
Issues Secured with Tattletape:			
Single	4666	4204	- 10%
Double	2978	3457	+ 16%
Hours spent by unit staff in miscellaneous activities:			
Hours spent in training	97	176	+ 81%
Hours spent at Information Desk	235	155	- 34%
Hours spent at Circulation Desk	237	218	- 8%
Hours spent with copier coverage	2290	2400	+ 5%
Hours spent in shelf reading	56	53	- 5%

Table 22
Collection Management
Shelving Statistics

Category	1985/86	1986/87	% Change
<u>Reference</u>			
Picked up	6,027	5,527	- 8%
Shelved	6,037	5,579	- 8%
<u>Index/Abstracts</u>			
Picked up	4,304	3,258	-24%
Shelved	4,345	3,406	-22%
<u>Current Journals</u>			
Picked up	22,362	23,141	+ 3%
Shelved	42,233	37,773	-10%
<u>3rd Floor (Monographs)</u>			
Picked up	22,492	23,319	+ 4%
Shelved	40,132	37,197	- 7%
<u>4th Floor (Bound Journals)</u>			
Picked up	97,177	91,135	- 6%
Shelved	101,029	96,470	- 5%
<u>TOTAL</u>			
Picked up	152,362	146,380	- 4%
Shelved	193,776	180,425	- 7%

Table 23
Collection Management
Types of Repairs

Label protectors	1148	35.5%
Labels	1148	35.5%
Miscellaneous	580	18.0%
Torn spine	105	3.0%
Tattletape added	86	3.0%
Torn pages	71	2.0%
Sent to commercial bindery	44	1.0%
Torn or unglued hinge area	31	1.0%
Loose end paper	31	1.0%
Reinforcing		%
Red "R" replaced		%
<u>Total Repairs</u>	<u>3244</u>	<u>100%</u>

Table 24
Collection Management
In-House Use of Library Materials

Type of Material	No. Vols. 1985/86	% of Total	No. Vols. 1986/87	% of Total
Monographs	22,492	15%	23,319	16%
Reference/Index-Abstracts	10,331	7%	8,785	6%
Current Journals	22,362	14%	23,141	16%
Bound Journals	97,177	64%	91,135	62%
<u>Total In-House Use</u>	<u>152,362</u>	<u>100%</u>	<u>146,380</u>	<u>100%</u>

Table 25
Document Delivery Volume Comparison Report*

	85/86	86/87	%Change
Requests received	5,319	8,479	+59%
Requests filled	5,060	7,198	+42%
Requests referred to other institutions	402	601	+50%

* Includes: requests received and filled for NM Health Care Community (hospitals, clinics, physicians, etc.) and other U.S. medical and non-medical institutions.

Table 26
Document Delivery
Outreach Volume Comparison

	85/86*	86/87	% Change
POP, Scan-Alert	637	2872	+350%
NAIHS	898	1617	+ 80%
PCC Students	335	239	- 27%

* Excludes Scan Alert

Table 27
User Education

	Number of Sessions	Number of Participants	Staff Hours
Medicine	228	569	434
Nursing	17	313	22
Pharmacy	3	80	4
Dental	5	58	10
Allied Health	8	108	9
UNMH	4	32	11
Main Campus	7	105	7
Others, non-UNM	11	116	13
TOTAL	283	1381	510

Table 28

CONTENT OF INSTRUCTION 1986-87

PROGRAM AREA	Library Tour	Media Center Tour	Problem Oriented Tour	Classroom/Research Sessions	Tutorials	Information Clinic	Self-Education Techniques in Medicine	Individualized Research Service	Basics of Searching MEDLINE	Introduction to User Friendly Systems	Computer Search Demonstration	Personal Information file
PCC	X	X	X		X		X			X	X	X
CONVENTIONAL TRACK	X	X	X	X			X			X	X	X
SOM-GRAD				X				X	X		X	
NURSING GRAD			X	X							X	
NURSING UNDERGRAD	X	X	X	X								
PHARMACY-GRAD											X	
PHARMACY-UNDERGRAD	X	X		X								
DENTAL	X		X	X							X	
ALLIED HEALTH	X	X	X	X						X	X	
HOUSE STAFF									X			X
FACULTY/ NORTH CAMPUS	X	X	X						X	X		
OTHER/ NORTH CAMPUS	X					X				X		
MAIN CAMPUS	X	X	X	X								
HIGH SCHOOL	X	X										
OTHER	X	X						X			X	

Table 29
Interlibrary Loan Requests Received from MCL User Clientele

	FY 85/86		FY 86/87		% Change
	Number	%	Number	%	
Faculty	1481	55	1246	57	- 16%
Staff	538	20	255	12	- 53%
Students	529	19	417	19	- 21%
UNM Hospital	144	5	132	6	- 18%
UNM Housestaff	28	1	118	5	+ 421
PCC Students	0	0	20	1	--
Total	2720	100	2188	100	

Table 30
Comparative Use of Media by User Groups (In-House Use Only)

School of Medicine	College of Nursing		College of Pharmacy		Allied Health		Other		UNM Hospital		
	85/86	86/87	85/86	86/87	85/86	86/87	85/86	86/87	85/86	86/87	
6,385	7,013	991	2,120	97	99	363	546	149	940	688	150
% Increase/ Decrease											
+ 10%		+114%		+ 2%		+ 50%		+ 531%		- 78%	

Total Media Usage (In-house)
 FY 85/86 8,692
 FY 86/87 10,868 +25%

Computer Program Usage
 FY 85/86 679
 FY 86/87 694 + 2%

Total Number of Media Items Circulated 15,203

Table 31
Comparative Serials/Binding Statistics

	1984	1985	1986
Unbound Issues Processed	14,137	14,926	14,708
Bound Issues Processed	799	852	851
New Titles Added	94	94	42
Current Titles	2,281	2,287	2,256
Continuations	584	583	573
Primary Journals	1,178	1,176	1,159
Index/Abstracts	69	70	70
Depository Govt. Documents	202	206	203
Gifts	248	252	251

Table 32
Serials

Collection Statistics - Active Titles		
Category	85/86	86/87
Vendor Subscriptions	1223	1205
Vendor Standing Orders	557	547
Direct Subscriptions	23	24
Direct Standing Orders	26	26
Depository Gov. Documents	206	203
Gifts	252	251
Total	2287	2256

Table 33
Serials

Collection Statistics - Inactive Titles		
Category	85/86	86/87
Cancelled	450	469
Ceased	260	281
Total	710	750

Table 34
Serials

Workload Statistics		
Category	1985/86	1986/87
Journals Received	14,926	14,708
Cassettes Received	112	113
Microforms Received	42	41
Bound Volumes Received	852	851
Duplicates Received	436	409
Volumes to Cataloging	403	404
Claims Sent	591	512
Claims Answered	379	413
Invoices Cleared	118	110
TALON Updates	764	112
Wang Updates	270	118
Titles Changed	34	50
Searching Databases	OCLC 305 NLN 20	OCLC 251 NLN 0
Information Desk Hours	271	148

Table 35
Serials

Search/Missing Requests-FY 86/87					
Category	Requests Received	Pieces Found	Declared Missing	Pieces Replaced	Found After Order Placed
Serials	8	3	1	1	--
Books	27	18	15	4	1
Total	35	21	16	5	1

.UNM MEDICAL CENTER LIBRARY

Vital Statistics for FY 1986/87
Public and User Services

Calendar Days	365
Library Days	355

- Hours Open

Shortest Days (Saturday)	8.5 Hours
Longest Day (Weekdays)	15.5 Hours
Shortest Week (Summer)	81.0 Hours
Longest Week (Fall/Spring)	91.0 Hours
Circulation Desk Coverage	4465.5 Hours
Information Desk Coverage	2491.0 Hours
Media Center Coverage	4130.0 Hours

- Gate Count 219,875

The Library Collection

- Print Collection

Bound Journal Volumes	83,698
Texts and Monographs	46,406
Technical Reports	927
Pamphlets	<u>4,264</u>
Total Items on Shelf	135,295

- Non-Print Collection

Motion Pictures	278
Audiocassettes	1,704
Videocassettes	1,249
Slide/Tape Programs	1,220
Slide Programs	461
Filmstrips	277
Microcomputer Programs	105
Miscellaneous including models	<u>215</u>
Total Items on Shelf	5,509

- Subscriptions

Journal Titles	1,683
Monographic Serials	<u>573</u>
Total	2,256

THE UNIVERSITY OF NEW MEXICO
HEALTH SCIENCES CENTER LIBRARY
ALBUQUERQUE, NEW MEXICO 87131-5686

