

1997

HSLIC Annual Report FY1996-97

University of New Mexico Health Sciences Library and Informatics Center

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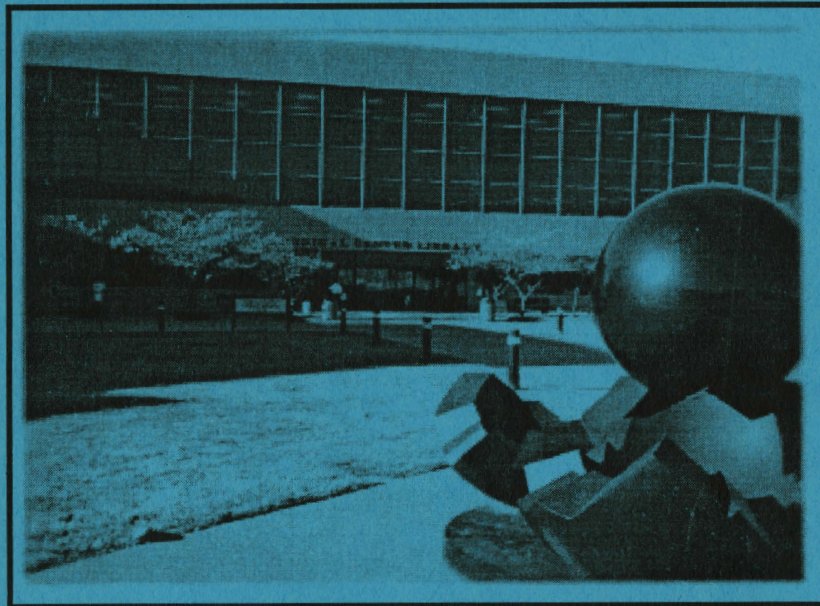


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Health Sciences Center Library

**Annual Report
1996/97**



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**ANNUAL REPORT
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1996-1997**



This year's Annual Report has been radically revised. The Library's accomplishments are now described in relation to six of the Health Sciences Center's Seven Strategic Directives. A single chart at the end of the report summarizes most frequently requested statistics.

Under the leadership of Dr. William Troutman, Interim Director 1996/97, ongoing projects have moved forward, and new ones have been initiated. Educational activities increased, as did on-line services use. Several collaborations bore fruit this year, increasing on-line access to databases. The growing importance of the Internet led to increased web visibility for the Library, and electronic journals were made available on-line. In a major advance, the Library put up the Native American Health History Database, which contains over 3,000 records on Native American health history from 1600-1965. On-line class notes for two classes were piloted with great success. The addition of three new web workstations and six public e-mail stations helped meet the need for access within the building. The Library's outreach programs continued to serve health professionals throughout the state.

The Health Sciences Center Library administrative team is composed of the heads of each service unit. Reports for FY 1996/97 were prepared by Lillian Croghan, Debbie Graham, Ruth Morris and Tom Peterson.

**Ruth C. T. Morris, MLS
Assistant Director**

1. Continue the rural health care initiative.

The automation efforts of the Library have supported, and will continue to support, on-line access to the Library from state rural areas. Library outreach to rural health practitioners provides specific information and instructions for on-line access to the Library's automated information. Library systems personnel provide technical help to individual practitioners to assist in resolving technical issues concerning off-site access.

The Library continues to support rural health professionals in the state through our outreach program.

Outreach Requests Filled for Articles and Books

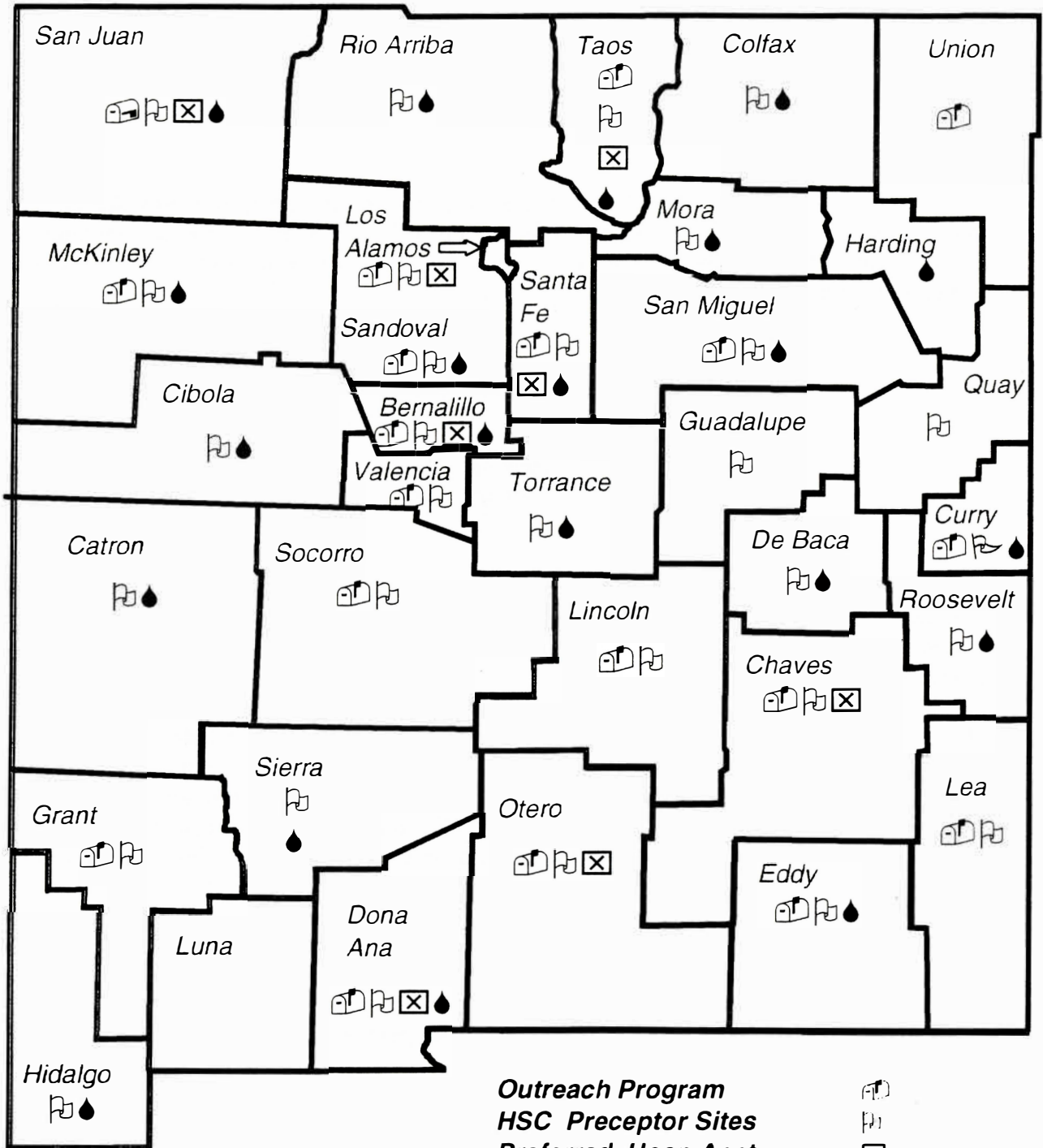
1995/96	4004
1996/97	4264

Outreach members—institutional and individual—can be found throughout the state.
(see New Mexico Map on Page 3)

Collections were strengthened with increased funds in the subjects of rural health, public health, occupational therapy, primary care nursing, managed care, accreditation (e.g., JCAHO) and other subjects in high demand.

To help prepare the students enrolled in programs that involve rotations, the Media Center increased and updated its resources. For example, residents in family practice participating in the Two Plus One Residency Program spend time in the Library refining their skills in physical examination of the patient. The Library provides materials appropriate for treating all age groups, pediatric through geriatric, reflecting the range of patients physicians will encounter during a rural health care practice experience. In addition, diseases and conditions commonly seen in clinics were considered in the acquisition of new materials. The videocassette series, Visual Guide to Physical Examination, is heavily used not only by the residents but also nurse practitioner, nurse-midwifery, and clinical pharmacy students.

**University of New Mexico
Health Sciences Center Library
New Mexico Communities Served**



Outreach Program 
HSC Preceptor Sites 
Preferred Hosp Acct 
NM Primary Care Clinic 

2. The academic primary care initiative will be broadened in its implementation to include Pharmacy, Nursing, Allied Health, etc.

The Library continues to support expansion of the Health Sciences Center's primary care initiatives. Special demonstrations of Ovid and MEDLINE were presented to the Family Practice and Obstetrics Departments this year. HSCL instructional programs to other HSC users—those engaged directly in patient care—expanded dramatically. In addition, a special library class for departmental and research assistants was added to the Library's instructional program.

Classes were held on-site at UNMH for nursing staff, and special training was provided to Care Plan case managers. In addition to support for on-site health providers, the Library continues to expand its support of students and preceptors throughout the state, both through access to on-line resources and delivery of articles to practice sites.

**Articles Delivered to Preceptors
and Students at Primary Care Sites**

1995/96	260
1996/97	892

The Library has built collections to support new (e.g., Physician Assistant, Pediatric Nursing) or upgraded (Emergency Medical Services Academy, Nursing, Dental Hygiene, Medical Laboratory Sciences, Nuclear Medicine, and Radiological Technology) or revitalized (e.g., Pharmacy Administration) programs.

CPR training, using the Actronics interactive system, was significantly expanded to include students from Pharmacy, Nursing and Allied Health. With the new Pharm.D. program of the College of Pharmacy, implemented in the fall of 1996, the Media Center provided CPR training and retraining of the 63 members of the new class. CPR training is a requirement in this new program since the students start early in the program to work in pharmacy clinics. This is in addition to the CPR training for medical students, recertification for residents, and the other students belonging to the HSC. As a result, the CPR/ACLS use increased by 70%. Compared to the previous academic year, use of media resources as a whole increased by 21%.

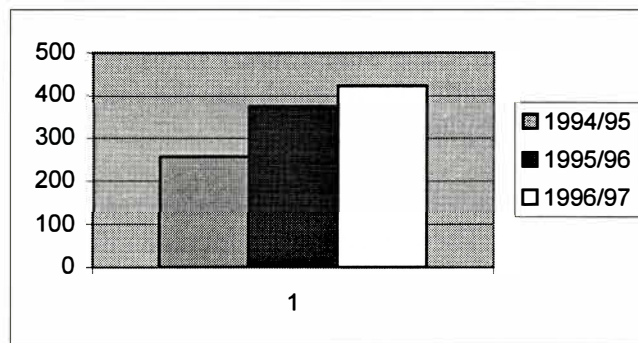
3. The development of a core curriculum for health professionals will be explored with faculty.

HSCL faculty continue to examine the issue of an information skills curriculum that would encompass all of the Health Sciences Center's academic programs. This year, an internal medicine rotation in information skills was initiated. Four residents completed the rotation in FY 1995/96. The basic outline for that program is being adapted to other HSC academic programs.

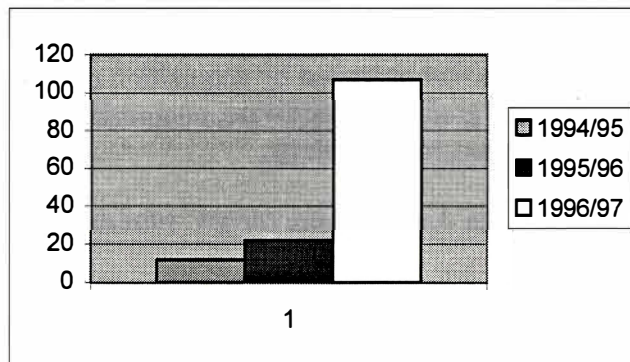
Educational offerings at the Library continue to expand as new technologies such as the World Wide Web change traditional information storage and retrieval patterns. Over 1,300 people attended sessions of the Library's instructional classes. While instruction provided to academic programs remained relatively stable, the number of attendees from the HSC's clinical services, and attendance at on-line searching programs, increased substantially.

The Library continues to expand both the number and variety of educational programs offered. The statistics below capture only hours of direct instructional contact with students. Library faculty and professional staff spend additional time serving on curriculum committees for specific blocks in the School of Medicine, in meeting with faculty in other HSC academic programs, and in developing appropriate materials to support instruction.

On-line Educational Programs Attendance



Attendees from HSC Clinical Services



The number of individuals attending online searching classes increased by 13%, while actual class sessions decreased by 0.7%, allowing instructional faculty to make more efficient use of their time. Classes in CARL/UnCover and SciSearch were added to the online instructional offerings.

4. Develop collaborative research relevant to the state's population.

The Library continues to acquire demographic databases which specifically assist health care researchers. Information from census tract data and geographic mapping has been found to enhance population studies. The Library supports and assists with data sharing among independent departments and units, both on the University campus and within state agencies. The Library has consulted with The New Mexico Health Policy Commission on methods to strengthen the availability of health-related information for researchers within the state.

New collaborative relationships have been established with other New Mexico academic libraries. Through the New Mexico Consortium of Academic Libraries (NMCAL) and the ALLIANCE group, the HSC Library has been able to dramatically expand access to additional databases, such as the First Search program and SciSearch. Working more closely with our colleagues in other New Mexico academic libraries will help us better address the needs of those in distant communities: health program students, health providers, and New Mexico health consumers. These new relationships, and State Library plans to provide WWW access to all public libraries, will offer opportunities for research into the role of health information access in improving population health and patient outcomes.

Part of the new Media Center acquisitions this year included resources to support research relevant to the state's population. These acquisitions include information on Hantavirus, diabetes, and tuberculosis.

5. Develop a model academic health care delivery system.

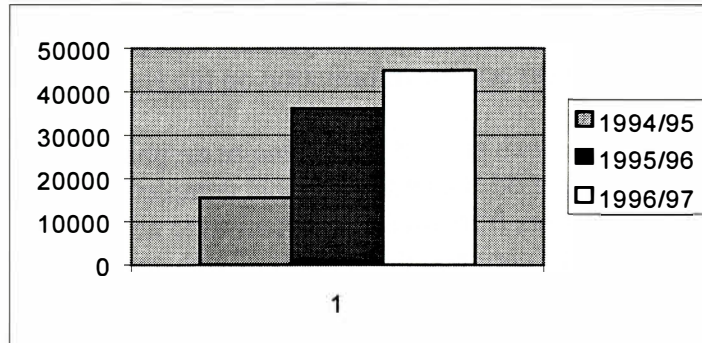
As a curriculum-based reserve collection unit of the Health Sciences Center Library, the Media Center supports the educational activities of the various colleges and programs of the Health Sciences Center. This support was demonstrated by acquisition of current non-print materials such as videos, CDs, computer programs and hardware, anatomical models, and simulators, which reflect the latest developments in technology.

Media Acquisitions for FY 1996/97

Format	Titles	Volumes
Videocassette	101	138
Audiocassette	7	192
Slides	13	86
Software	0	0
CD-ROM	7	7
Models	1	2
Grand Total	129	425

The Library's Reference section has added materials on managed care, practice standards and guidelines, and on outcomes relevant to the new health care paradigm. Library education offerings are available to all HSC staff, and have been conducted on-site at UNM clinics. The Library's LATCH program (Literature Attached to the Chart) provides clinicians, increasingly pressed for time, with efficient access to needed information for patient care. The addition of the Core Biomedical Collection of full-text journals to the Ovid on-line system provides practitioners with instant, 24-hour access to the medical literature, regardless of their location in the HSC system.

End-User Log-ins to Ovid



Class notes for Biology 237/Human Anatomy and Physiology 1 (prerequisite for health science programs) and Nursing 239/Pathophysiology 1 were made available via the Library's WWW home page in an on-line graphical format. Students were able to access their reserve course notes (http://caliban.unm.edu/class_notes.html) from outside the Library, and they enthusiastically took advantage of this new service, finding it both easy and convenient to use. Biology 237's on-line course notes were accessed 733 times, while the in-house copy's circulation decreased by 40% compared to the fall semester. Nursing 239's on-line course notes were accessed 168 times, with a 47% increase in checkouts for the hard copy.

New journal subscriptions have been placed for 1998 that will support expanded clinical activity generated by new managed care and medical specialty programs.

A collaboration is underway between the Health Sciences Center Library and the Office of the Medical Investigator to design and implement an image capture, storage, and retrieval system for pathologists. The system includes digital camera, image indexing, and retrieval software for autopsy reports. The forensic pathologists will be able to request images of scenes, wounds, and autopsy reports for a single autopsy record or across records by type of injury, anatomical systems affected, location of incident, and other access points. Images and text residing in different formats and on different databases will ultimately be displayed together at the pathologist's workstation.

6. Develop an information system, e.g., communication vehicles, computers, etc.

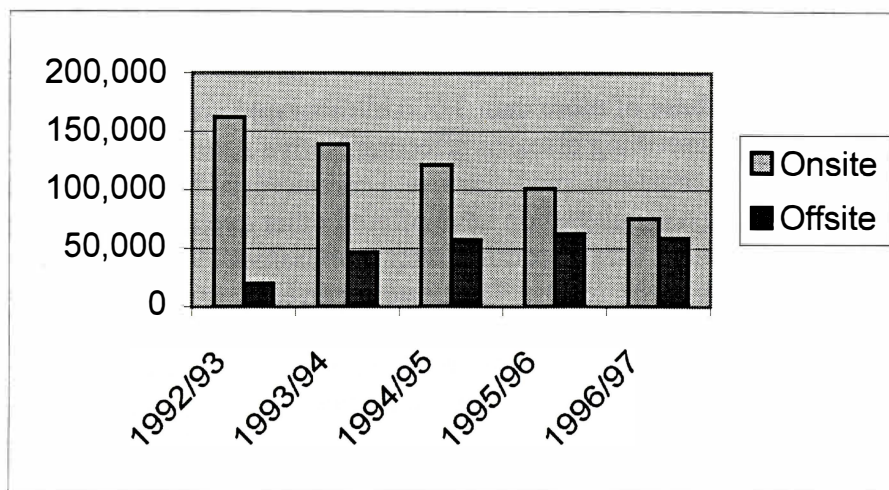
An evaluation of the effect of tables of contents information on in-house use and circulation has been implemented, and patron input on the value of the service will be solicited. This project was initiated to automatically add searchable tables of contents to on-line catalog records for book chapters. The initial load enriched 2,000 titles with author and title information for individual chapter headings, thus providing access to materials in books previously not searchable.

The Library continues to cooperate in the development of campus-wide automation standards, which support on-line access for the largest number of users. The Library has been asked to manage a new Domain Name Server Computer System. This computer will provide a more reliable means for users to access on-line information on the Health Sciences Center campus.

Areas of user connectivity and web support were a major emphasis in systems development during 1996-97. During this period Systems personnel completed work on the Library's web pages. This addition allows users from on and off campus to access the Library directly from their web browser software. To continue the support of web access, Systems personnel are currently investigating web versions of the Library's online applications. During the next fiscal year it is anticipated that the Library's Oracle-based applications will have a web-compliant interface. The on-line catalog vendor has also developed this interface for their application. In addition to web support, the Library will continue to support on-line users who have limited on-line access capabilities. Users on character-based terminals, or using communications software with a character-based interface, will continue to have access to the complete set of on-line applications available from the Library. The Library will continue to support this user group as long as software vendors provide the means to connect to their applications with this interface.

System activity has demonstrated the advantage of twenty-four hour access. During this fiscal year the number of network log-ins, access which occurred from outside the Library, averaged approximately 300 connections a day. Twenty percent of this activity occurred at times when the Library was closed.

Innopac On-line Catalog Public Searches



The oldest multi-user computer system in the building, a system acquired in 1991 to host the Innopac on-line catalog, was scheduled to be upgraded. In June of 1997 a new Alpha-based computer system was acquired. This system is currently being placed on-line, and after it is operational the on-line catalog will be moved from the older hardware. The timing for the replacement of the older system was appropriate, as the next upgrade to the on-line catalog software could not be supported on the older hardware. This software upgrade is scheduled to be released by the catalog vendor early in the fall of 1997.

A further upgrade to the HSCL internal network equipment was finalized and implemented. A second DEChub multiswitch was installed to support high-speed communications with a larger number of workstations. The network within the Library has been successfully upgraded with the high-speed backbone configured and installed during the last fiscal year. The in-house network will be able to manage the increase in network activity as the Library replaces character-based public terminals with graphic display workstations.

The sudden popularity in WWW connectivity has provided the GeoMed group with a new interface for the project. A web browser front end is presently under development to replace the original plan of an X-Windows interface. This change will make the final program more portable to off-site locations, and increase the number of potential GeoMed users. GeoMed participants are currently waiting for an upgrade of the Oracle WebServer, which will serve as a gateway between the user's web browser and GeoMed database information.

After extensive research and testing, a standardization plan for the Library's in-house network was proposed during the summer of 1996. An all-encompassing design was offered to provide the staff with easy printing, file sharing, communication, and application access.

Library systems were available to users over 99% of the time.

The Library introduced WWW access this year and there are plans to add additional workstations and to expand the services available via web interface.

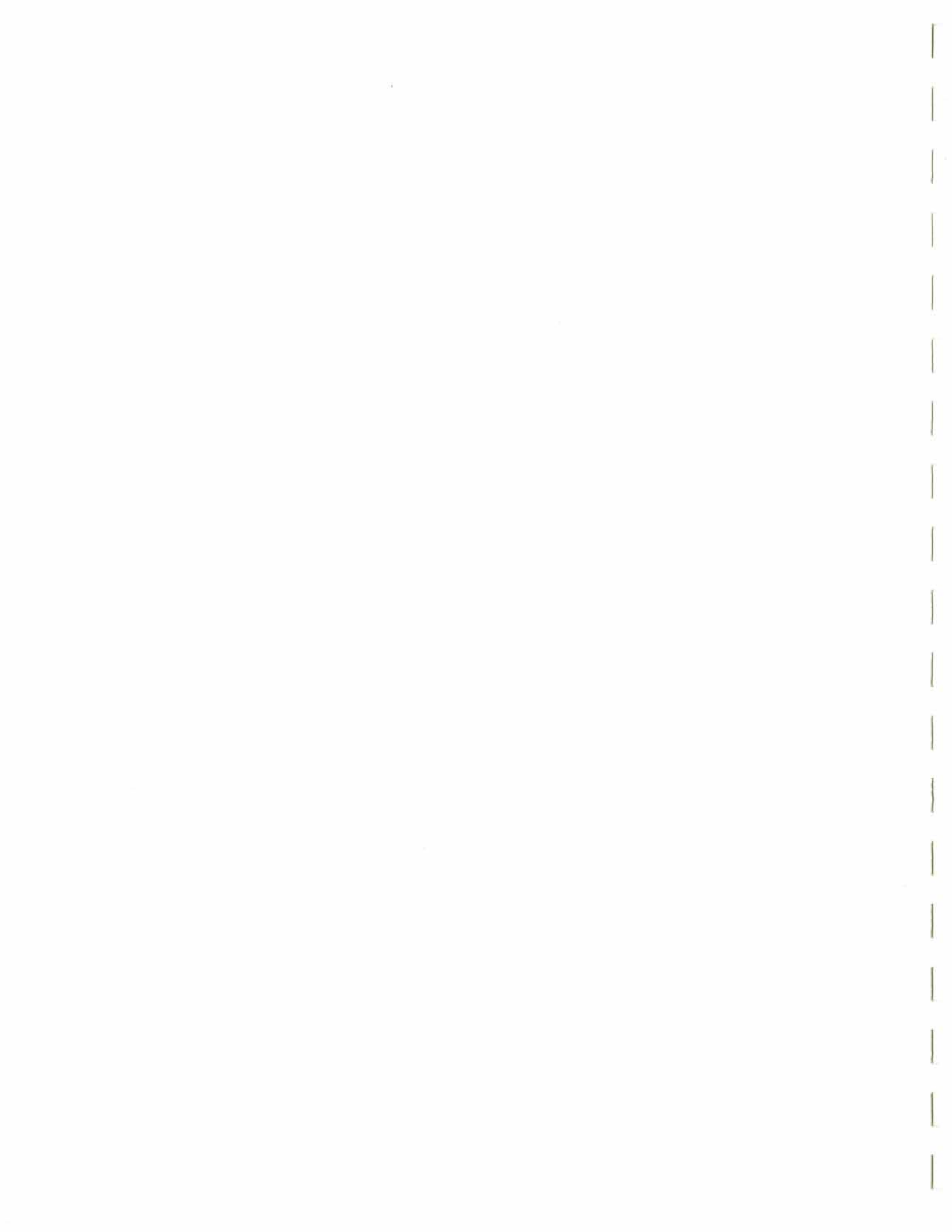
The Library has developed and launched an electronic journals section on the Library's World Wide Web home page. The titles, updated weekly, include full-text, abstracts, or tables of contents for over 50 health science journals. Access is available from any web browser at www.caliban.edu/ejournals.

The Library created a database of more than 3,000 bibliographic records of health-related monographs and articles describing diseases affecting Native Americans, and including traditional beliefs, healing practices, medicines, and ceremonies. Much of this information has been lost as assimilation and acculturation have offered other avenues of medical care to indigenous peoples. Although the collection firmly emphasizes 19th century citations, the earliest materials date back to the 1600s. The Library currently is the sole source in the nation for a collection of this sort. The database is now available through the Internet (http://falstaff.unm.edu:80/na/main_na.html), enabling scholars, tribes, researchers, libraries, government agencies, healthcare agencies and individuals to gain access to this important information.

With the recent installation of six public e-mail stations, our users are now able to communicate world-wide. To maximize the use of the teaching/searching Microcomputer Lab, a Proxima projector was purchased to make teaching in the lab more efficient.

Frequently Requested Statistics 1996/97

Book Titles Added:	3,239
Book Volumes Added:	3,449
Current Journal Subscriptions:	1,923
Total Book Titles:	57,685
Total Media Titles:	2,828
Total Media Volumes:	5,573
Total Bound Journal Volumes:	100,905
Total Title Holdings:	60,674
Total Volume Holdings:	166,867
Materials Circulated: (checkouts, reserve, media)	74,776
Materials Used in the Library:	249,414
Total Document Delivery Requests Filled:	10,075
Total Interlibrary Loan Requests Filled:	2,581
Patron Logins to Databases:	44,947



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