

# Annual Report

## RAYMON H. MULFORD LIBRARY

### *Our Mission:*

*To promote academic excellence at the Medical College of Ohio by providing: readily accessible information, knowledge and learning resources and expert assistance in obtaining needed information and by teaching information research and management skills in support of the health education, research and clinical programs of the institution and for the improvement of healthcare in Northwest Ohio.*

## 2000-2001

# To promote academic excellence at MCO...

## **Executive Summary.**

The *Mission Statement* of the Library, which runs across the top pages in each section of this year's annual report, points out the pertinence between the library's *raison d'être* and the activities that it performs. It also highlights a value-added aspect of MCO's librarians that extends beyond activities normally expected of librarians, further contributing to the overall success of MCO.

Foremost among the *Statement* phrases is 'promoting academic excellence.' This year's report reflects the increasing degree to which the library, and specifically the librarians, have been integrated into the academic fabric of the institution.

The "Professional Activities" section shows a considerable degree of participation in educational activities. Six of the seven are formal facilitators for problem-based learning groups. The librarians also teach an elective course several times per year and lecture in other formal MCO courses. Additionally, librarians teach specific knowledge retrieval and management skills to medical residents, faculty, and students.

The contribution of the librarians is not limited to educational activities. Several are interviewers of medical and physician assistant student applicants. Others are involved in institutional and departmental accreditation efforts, participate in JCAHO review preparation, teach cultural diversity, and provide assistance and representation to community-based health organizations (e.g., David's House, Comprehensive Addiction System Services, public health departments).

This year's efforts saw finalized consortium arrangements with St. Vincent's and Mercy College libraries, adding one more dimension to MCO's collaborative programs. The Library also forged access to its resources for the Pediatrics department and other off-campus faculty.

Finally and perhaps best, the librarians are reaching seamless integration of the library computerized resources with the MCO network. Thanks to Bibliographic Control and Computer librarians, faculty, students and staff may access a wide variety of resources and services from their desktops. These include databases, full-text journals, electronic books, request forms for interlibrary loans, and where possible, interlibrary loan articles delivered right to an individual's computer. The new academic year will see this special access available from faculty and student homes and clinical practice sites!

...by providing readily accessible information,  
knowledge and learning resources....

Library users now define "readily accessible" in terms well beyond "via a computer in the library" and so much more than "on the shelf." Today, readily accessible means "at the click of the mouse," "full-text online," "multiple electronic copies," "unlimited access," "delivered to the desktop," and "accessible anywhere on campus, at home, in the classroom, AND on the road 24/7."

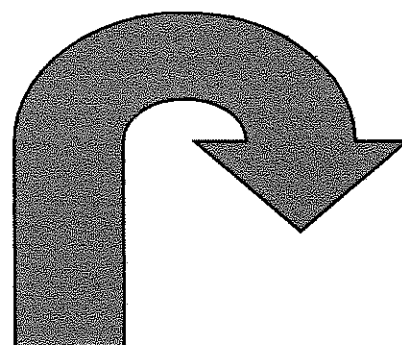
### **Improvements to Collection Access & Enhancing Retrieval:**

- **Remote Access.** Though MCO Users have enjoyed remote access to OhioLINK's many resources, including the Electronic Journal Center, **what they have not had** is off campus access to the resources Mulford Library purchases *exclusively* for MCO. Near the end of FY01, Mulford's Digital Services Librarian began investigating proxy servers. His final selection, EZ-Proxy, saved the institution over \$9,000. The installation of EZ-Proxy will allow students access to full-text resources including *Harrisons, MD Consult and Stat-Ref* heavily used by PBL students.
- **The "just right" resource.** Providing resources is more a balancing act than ever. For instance, through close monitoring, online products *QMR: Quick Medical Reference* and *Evidence Based Medicine* were cancelled due to low use in early 2000. *The Health & Wellness Resource Center* and *SAM* (Scientific American Medicine Online) were purchased in FY01. The former for the number of full-text nursing and allied health journals it would provide, and the latter for the greater accessibility an online version would provide.
- **Electronic Books.** Over 700 electronic books were selected for the collection from the more than 1700 provided to OhioLINK from NetLibrary. The Library pays \$849 annually to OhioLINK for access to NetLibrary's resources. The 700 titles selected averaged less than \$1.50 per title.
- **Access Beyond Purchasing Power.** Sheryl Stevens and the Bibliographic Control Department combined the power of the online catalog (OSLER) with Web accessibility to integrate one click access to over 270 electronic full-text titles in the areas of health care administration, business, human resources, education and psychology, available via OhioLINK agreements.
- **Dissertations & Theses.** Over 650 MCO dissertations and theses records were enhanced with links to Web-accessible abstracts or full-text access. Full-text access to institutional dissertations is a benefit of contributing a dissertation copy to University Microfilms International, producers of Dissertations Abstracts. David Boilard and Marlene Porter began working out procedures with Dr. Keith Schlender, Dean of the Graduate School, to begin participating in OhioLINK's electronic dissertation database.

- **Chapter Titles Improve Lab & Desktop Browsing.** Online tables of contents were added to over 4,100 titles in the collection. improving desktop browsing and the ability to locate elusive citations. Catalog author searches now retrieve book AND chapters by a particular author. Keyword Catalog searches will locate chapter titles on a topic. This becomes especially useful in locating information on narrow or emerging topics on which a whole book may not have been published.

<b>COLLECTION SIZE AS OF JUNE 30, 2001</b>	
<b>PRINT BOOKS</b>	<b>37,831</b>
<b>ELECTRONIC BOOKS</b>	<b>712</b>
<b>OTHER ELECTRONIC RESOURCES*</b>	<b>98</b>
<b>AUDIOVISUALS</b>	<b>304</b>
<b>JOURNALS</b>	
<b>Total Current Titles</b>	<b>2,349</b>
<b>Total Titles</b>	<b>5,594</b>
<b>Total Print Volumes</b>	<b>113,649</b>
<b>TOTAL VOLUMES</b>	<b>152,594</b>

*\*Excludes electronic journals*



## **JOURNALS & the "FLIP"**

In a health sciences library, the serials collection reigns supreme. It carries the record of research in both the clinical and basic sciences reflecting the cumulative nature of discovery. Watching journal trends this year as OhioLINK members, we noted a significant pivot point as several aspects of journal management began to "flip." This year was the last for serials costs as we have known them as OhioLINK institutions move to a "FLIP" model in which print costs represent only 10% of the total cost of access and electronic access reflecting 90% of the payment. In this future model, serials inflation for journal publishers providing electronic access and archiving to OhioLINK and its member institutions will range from 3-6% annually. Inflation costs for print has traditionally been 9-11% annually. **Additional factors that have "flipped":**

- The number of current print titles owned by the Library decreased slightly (1.4%) to 886 titles. Print only titles now make up only 37.7% of the Library's serials holdings.
- The number of unique electronic titles increased by 57.7% to 1463 titles, due to new biomedical titles added to OhioLINK's Electronic Journal Center.

### Journals cont'd....

- Mulford Library's uniquely owned portion of the 1463 titles increased from 0.6% to 26.9% due to the purchase of *Health & Wellness Resource Center* which added over 250 electronic titles to the collection.
- The total number of electronic serials (unique titles plus duplicates of print) increased 59.4% from 1,255 (FY00) to 2,001 (FY01). Only one fourth of the titles represent print duplicates.

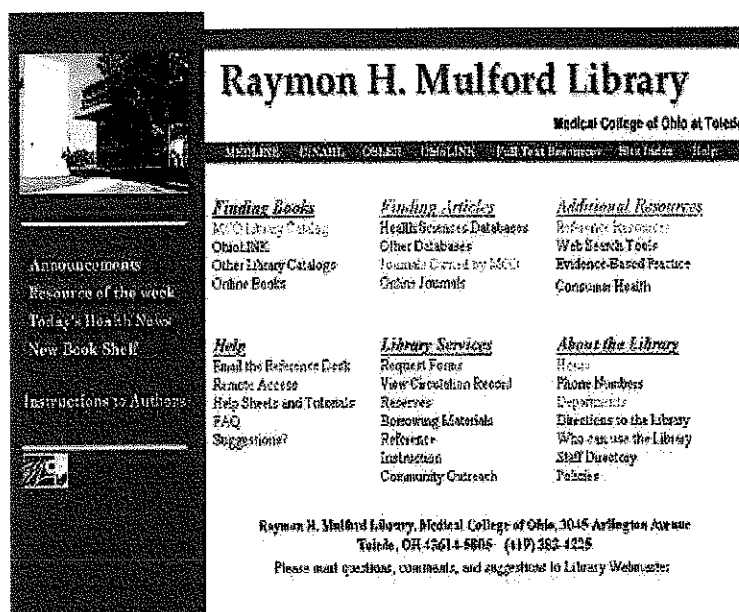
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...and expert assistance in obtaining needed information...

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### Information and Reference Services.

- **Library Homepage Redesigned.** In May 2001, the Library's homepage moved to a third generation design. Using knowledge on how users access and think about information, the new pages aim to put the resources MCO students and faculty use most "up front" for easy, one-click access. An educational component was integrated for the novice or infrequent user.



- With an increased need for MCO to keep current with issues and policies surrounding human subjects, the Information Services Department created monthly information updates for Research & Grants Administration.
- Acknowledging the changing ways in which health sciences researchers, clinicians and students use information resources, the Information Services Department conducted a retreat in December to plan improved ways for delivering expert assistance service to users who know longer need to come to the Library. Plans will begin implementation in 2003.
- Complex reference questions requiring the use of multiple sources or the experience of an information professional increased by 20% from the previous year.

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## ...and teaching information research and management skills...

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### **Education and Information Management:**

Considerable time and effort this year was spent on developing new educational initiatives including training and desk-top support *Endnote* and new seminar, "Verifying Citations". Overall, the Education program reached 1500 participants in 195 contact hours.

- **EndNote.** At last, a campus-wide citation manager, EndNote, was selected and purchased by Information Systems. The Library's Information Services Department stepped forward to provide campus-wide support in the way of initial training and desktop support. Reference Librarians, particularly Education Librarian, Jolene Miller, provided many hours of one-on-one technical assistance in faculty offices. Forty-four faculty members, fourteen staff members and ten graduate students attended training. Additionally, fourth-year medical students in the Information Management elective learned how to use this software as well.

**Campus-Wide Effect.** The Library's education program touches all areas of the campus community. To meet our mission, we provided:

- ◇ orientation for 309 incoming students
- ◇ tailored class sessions for 1050 students including course integrated training in *BIOC655, MED1, MED2, NUR301, OCCH602* and *PT410*.
- ◇ Fourteen students MED4 students enrolled in *Personal Information Management for the Medical Professions*
- ◇ training sessions for 109 faculty and 92 staff members

- **More Access to Instructional Help.** A wider variety of guides, tutorials, and general instructional materials for databases, full-text resources and the Catalog were placed on the Library's web pages for convenient twenty-four hour access for all users.

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## ...in support of health education...

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### **Serving Students.**

- **Increased Database Searches.** Literature searches, supporting seminars and conference presentations, were requested by faculty and residents at a rate three times greater than the previous year.
- **MED1 PBL.** Three additional Mulford Librarians served as MED1 PBL facilitators bringing the Library's total contribution to five librarians in FY01 participating in eight 10-week sessions. Scott Lapinski further assisted Dr. Phillip Conran by devising a web-based method for students to submit weekly citation lists to their facilitators via the Academic Intranet.
- **Easing Library Registration.** Jonathan Hartmann facilitated the registration of more than 120 nursing students at 3 locations. Remote registration gave them immediate access to OhioLINK health sciences resources and the ability to request copies of articles.
- **More Printers Available.** A fourth laser printer was added to the Online Resources Room to further enhance high-speed, no waiting printing for students.
- **Additional Workstation.** A workstation with headphones was established to allow students to conveniently check-out instructional CD-ROM's at the Circulation Desk. CD-ROM's supported include *Heart Sounds*, *Ears On* and the USMLE preparatory exam.
- **Summer Hours & Board Preparation.** Summer hours were established to support MED2 students studying for Boards. The Library was open an average of 13.5 hours daily May-August. The academic year average is

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## ...in support of research and clinical programs

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### **Serving Faculty, Clinicians and Researchers.**

- **Cyber Café.** Jonathan Hartmann participated in the first Cyber Café, providing clinical faculty with an overview on the effective use of Web browsers, search engines, as well as Internet tools, guides, and authoritative sites.
- **Biochemistry Department.** David Boilard, Barbara McNamee, and Sheryl Stevens met with faculty and graduate students to discuss their uses of electronic resources and current information needs that may not be being met through the collection or document delivery. This is part of an ongoing effort to have open dialogues with each clinical and research department.

- **Cell & Nature online.** Electronic access to *Cell* was added for MCO researchers. Across the United States, the discussion raged as library directors at AAMC institutions weighed in on their decision to purchase the electronic version of *Nature* and its subsets. We joined several other libraries in "Just Saying No" when we were notified that the electronic Library version of *Nature* would be under a twelve-month delay for some content available electronically to personal subscribers resulting in "incongruous copies". At \$1700 for each format, holding both the print and electronic titles made the purchase out of our reach currently, though MCO faculty voiced their opinions about the desirability of electronic access.
- **Faculty Publications Database.** The MCO Faculty Publications Database, maintained by the Library and sponsored by RGA, went live. Faculty and students are now able to review the publication history of faculty members further supporting intra and interinstitutional collaboration. The database allows faculty members to submit updates and use their record to easily produce vitae.

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...and to support healthcare in Northwest Ohio

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### **Outreach, AHEC and the HIN Consortium.**

FY2001 was an active year for Outreach and marked the end of two grants: the "Health Information Network (HIN)" grant and the "Information Outreach to Professionals Serving the Hispanic Community" grant.

- **Outreach Through the AIDS Network.** David's House joined the AIDS Network and unveiled their Website. Outreach Librarian, Jonathan Hartmann, redesigned the Northwest Ohio AIDS grant website and provided consultation to David's House on Website management.
- **AHEC.** Eleven AHEC site visits were made. The number of AHEC preceptors holding MedReach System accounts increased by 72% over the previous year. The MedReach Accounts allow preceptors to access AHEC and Mulford Library resources from remote locations.
- **HIN Consortium.** Officially, the HIN grant funded by the National Library of Medicine ended in February 2001. The holdings of Mercy College and St. Vincent's Hospital Library were visible in Mulford Library's Catalog in April 2001. Two of the original hospitals, Flower Hospital and Toledo Hospital, withdrew from the project. Of note, is the number of interlibrary loans and OhioLINK PCIRC requests that the two libraries are contributing to Mulford Library's share within OhioLINK. An added benefit of the Consortium was the ability to split the cost of an electronic resource, *Health & Wellness Resource Center*, to provide access on both the MCO and Mercy College campuses.



- **Spreading the Word.** Early in the year, the HIN website was created and brochures were distributed throughout NorthWest Ohio. Jonathan Hartmann made twenty-seven visits and introduced the service to twelve hospitals and fifteen County Health Departments. Ninety-six healthcare professionals were trained to use the service. Twelve institutions and thirteen practitioners registered.
- **630 Items Processed.** In addition to training the library staff at St. Vincent's and Mercy College on the effective and efficient use of the cataloging, serials and circulation modules within OSLER, the Mulford Library Bibliographic Control Department processed approximately 630 items for these libraries.

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## Budget Notes

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**Budget Impact on Monographs.** Book and audiovisual purchases decreased by 58% in FY01 from FY00, with only 653 new monographs being processed.

**Book Supplier Bankruptcy.** Login Brothers, a major supplier of health sciences texts, filed for Chapter 11 in 2000. Although the Library had no outstanding bills, problems with campus credit from other MCO departments prevented us from closing a large Login Brothers P.O. and reassigning the money for other purchases.

**Serials.** Serials expenditures increased by 6.4% at \$583,858, reflecting a 5.8 decrease over the previous year and the lowest serials inflation rate since 1994. All but 1% of these expenditures went to print subscriptions. Because the Library was fortunate enough to avoid print journal cancellations in FY2001, no additional publisher fees were charged at the midpoint of the fiscal year for electronic access.

**\$\$Savings\$\$.** In January, 2001, the Library proposed the purchase of a proxy server to enable students to have off-campus access to a growing number of Library-owned full-text resources currently limited to on-campus use only. Through careful investigation and follow-up with another health sciences library, Scott Lapinski was able to save nearly \$9,000 when he found another less expensive alternative with similar features.

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## Personnel Highlights

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**Retirement.** Rose Tammarine, who worked as a Circulation Services Assistant in the Library for 30 years, retired in September 2000.

**Promotion.** Lonnette Buczko was promoted to Assistant Manager, Access and Business Services in November, 2000.

### **Posters, Publications and Presentations.**

- ◇ Jolene Miller presented a poster at the annual meeting of the Academic Library Association of Ohio entitled, "*Problem-based Learning Inside and Out: Multiple Roles of Librarians in PBL.*"
- ◇ Marlene Porter presented a poster at the annual meeting of the Medical Library Association entitled, "Information Services Outreach to Healthcare Professionals Serving Hispanics in the NW Ohio Region. "

### **Offices and Appointments.**

- ◇ Marlene Porter was elected Secretary to the Ohio Health Sciences Library Association.
- ◇ Sheryl Stevens was elected Membership Secretary of the Midwest Chapter/ Medical Library Association.
- ◇ David Boillard served as a LSTA grant review team leader for the State Library of Ohio. He was also a member of the State Library's LSTA (Library Services & Technical Assistance) Advisory Council.
- ◇ Scott Lapinski has been instrumental in reviving the Michigan ASIS Chapter. He was the key organizer for the chapter's first meeting where invited guest, ASIS President Eugene Garfield, founder of the Institute for Scientific Information, *Current Contents* and *Science Citation Index*, spoke.

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## Looking Forward

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### **In the immediate future we expect that:**

- ◇ The Library will be the site of a **wireless technology pilot** project increasing the portability of computerized information resources for students.
- ◇ **Collaborative dialogues** with clinical and research department faculty groups will continue to supply valuable information about the changing information needs and research styles of health professionals at the College providing a stronger foundation upon which to build plans for future resource accessibility, services, and collections.
- ◇ **Remote access** for students, faculty on the campus of St. Vincent'-Mercy Medical Center and northwest Ohio preceptors will be further streamlined.
- ◇ **Collaboration and participation** with faculty and students in emerging programs such as bioinformatics, cancer, and gerontology will grow.

In FY02 the Library will start working on a **new strategic plan** to direct us through the next decade.

# **Statistics**

**2000-2001**

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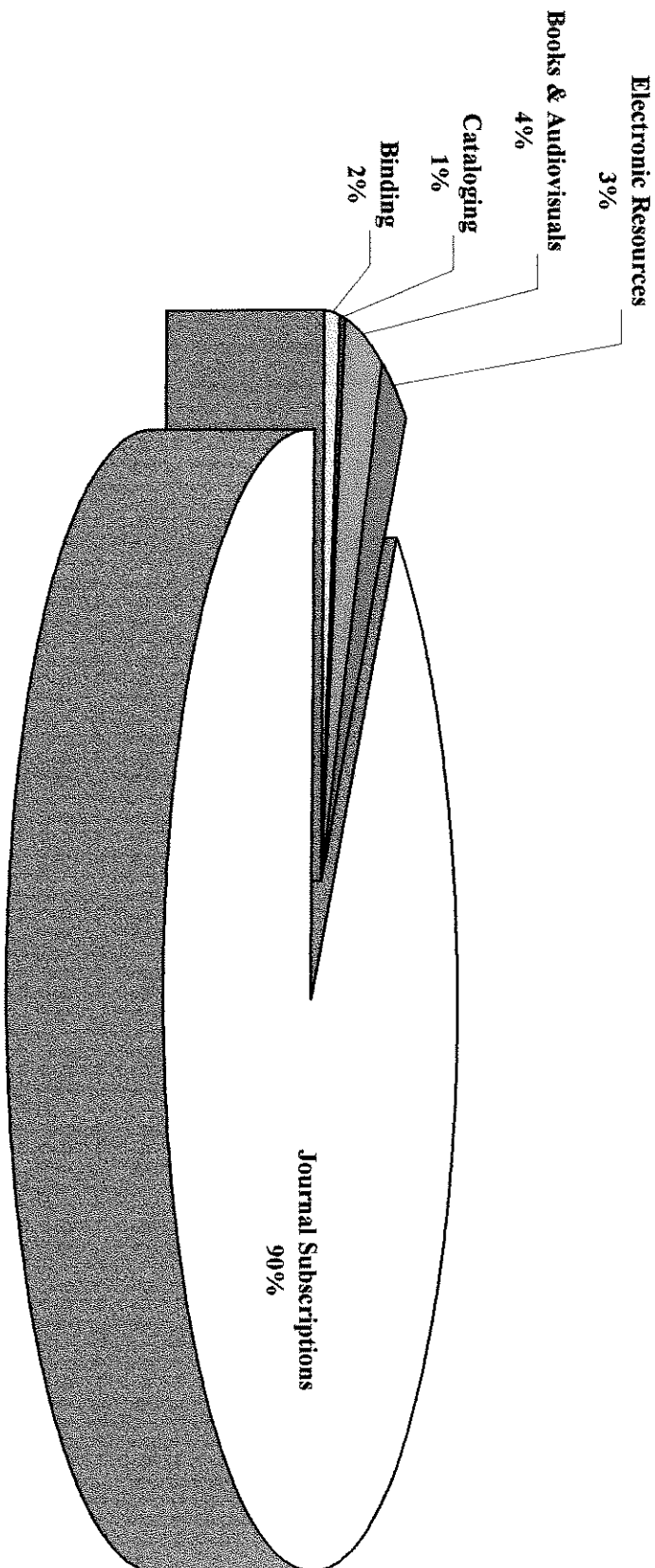
*\* Excludes electronic journals*

COLLECTION MAINTENANCE COSTS				
	<b>FY 1999/00 TOTALS</b>	<b>FY 2000/01 TOTALS</b>	<b>FY 1999/00 AVERAGES</b>	<b>FY 2000/01 AVERAGES</b>
Books	\$ 64,250	\$ 27,126	\$ 79.51	\$ 62.07
Audiovisuals	\$ 1,025	\$ 198	\$ 146.43	\$ 99.00
Electronic Resources *	\$ 28,874	\$ 19,186	\$ 2,406.17	\$ 3,837.20
Journal Subscriptions	\$ 548,925	\$ 583,686	\$ 326.54	\$ 245.22
Binding	\$ 11,719	\$ 10,751	\$ 7.06	\$ 6.74
Cataloging+	\$ 5,092	\$ 4,053		
<b>TOTALS</b>	<b>\$ 659,885</b>	<b>\$ 645,182</b>		

*\* Excludes electronic journals*

*+Excludes labor costs*

**Collection Maintenance Costs  
FY 2000/01**



**AMOUNT SPENT ON  
BOOK, AV & ELECTRONIC RESOURCES LAST  
TWO FISCAL YEARS**

	<b>FY 1999/00</b>	<b>FY 2000/01</b>	<b>% Change</b>
Books	\$ 64,250	\$ 27,126	-57.8 %
Audiovisuals	\$ 1,025	\$ 198	-80.7 %
Electronic Resources *	\$ 28,874	\$ 19,186	-33.6 %
<b>TOTALS</b>	<b>\$ 94,149</b>	<b>\$ 46,510</b>	<b>-50.6 %</b>

*\* Includes aggregate online resources (e.g., MD Consult, Health & Wellness Resource Center) that provide access to a variety of materials, such as full-text books & journals; bibliographic citations & abstracts; & pamphlets & practice guidelines. Does not include subscriptions to individual electronic journals or any OhioLINK electronic journals.*

**NUMBER OF BOOK, AV & ELECTRONIC RESOURCE  
ACQUISITIONS,  
LAST TWO FISCAL YEARS**

	<b>FY 1999/00</b>	<b>FY 2000/01</b>	<b>% Change</b>
<b>PURCHASED</b>			
Books	808	437	-45.9 %
Audiovisuals	7	2	-71.4 %
Electronic Resources *	12	5	-58.3 %
<b>Total Purchased</b>	<b>827</b>	<b>444</b>	<b>-46.3 %</b>
<b>GIFTS</b>			
Books	38	98	157.9 %
MCO Theses	61	49	-19.7 %
MCO Scholarly Projects		57	N/A
Audiovisuals	1	5	400.0 %
Electronic Resources *		2	N/A
<b>Total Gifts</b>	<b>100</b>	<b>209</b>	<b>109.0 %</b>
<b>TOTALS</b>	<b>927</b>	<b>653</b>	<b>-29.6 %</b>

*\* Aggregate online services (e.g., MD Consult) counted as one resource each*

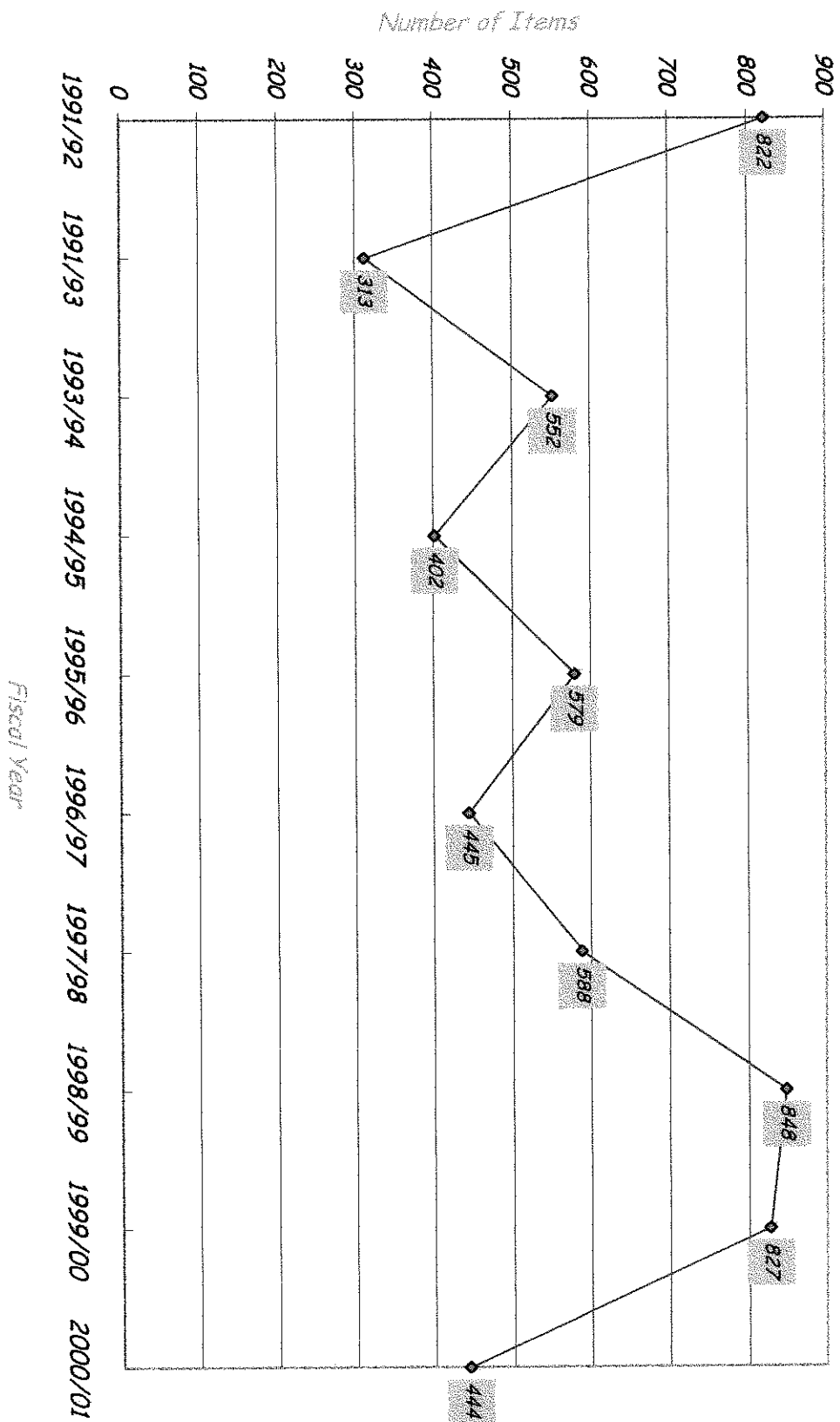
**BOOK, AV & ELECTRONIC RESOURCE EXPENDITURES  
BY GENERAL SUBJECT, FY 2000/01**

	<b>Total Spent</b>	<b>% of Total</b>
Clinical Sciences	\$ 30,714	66.0 %
Basic Sciences	\$ 5,896	12.7 %
Nursing	\$ 3,672	7.9 %
Allied Health	\$ 2,719	5.8 %
All Other	\$ 3,509	7.5 %
<b>TOTALS</b>	<b>\$ 46,510</b>	<b>100.0 %</b>

**NUMBER OF  
BOOK, AV & ELECTRONIC  
RESOURCE PURCHASES,  
LAST 10 FISCAL YEARS**

<b>FISCAL YEAR</b>	<b>NO. OF ITEMS</b>
1991/92	822
1991/93	313
1993/94	552
1994/95	402
1995/96	579
1996/97	445
1997/98	588
1998/99	848
1999/00	827
2000/01	444
<b>TOTAL</b>	<b>5,820</b>

# Books & Non-Print Purchases Last 10 Fiscal Years





**COST & NUMBER OF JOURNAL SUBSCRIPTIONS,  
LAST TWO FISCAL YEARS**

	<b>FY 1999/00</b>	<b>FY 2000/01</b>	<b>% Change</b>
<b>EXPENDITURES</b>	\$ 548,925	\$ 583,868	6.4 %
<b>NUMBER OF TITLES *</b>	1,854	2,381	28.4 %
Free	26	32	23.1 %
Paid	1,828	2,349	28.5 %
Print	899	886	-1.4 %
Electronic *	929	1,463	57.5 %
Added *	419	527	25.8 %
Cancelled	6	9	50.0 %
No Longer Published	2	2	0.0 %

\* Excludes print duplicates (i.e., electronic copies of titles also received in print).

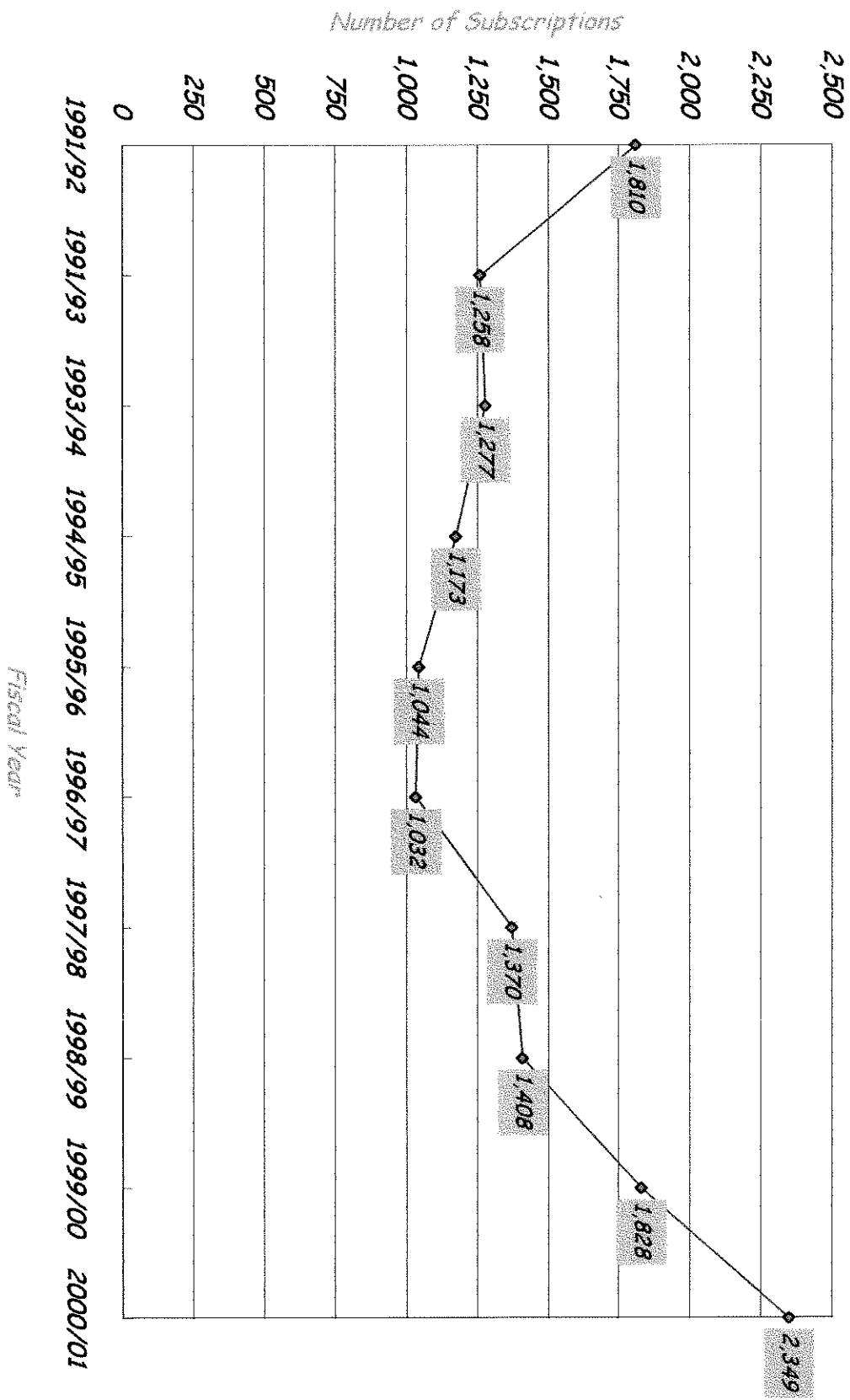
Includes unique titles received with aggregate online resources such as MD Consult & Health & Wellness Resource Center.

**PAID SUBSCRIPTIONS : PRINT VS. ELECTRONIC,  
LAST TWO FISCAL YEARS**

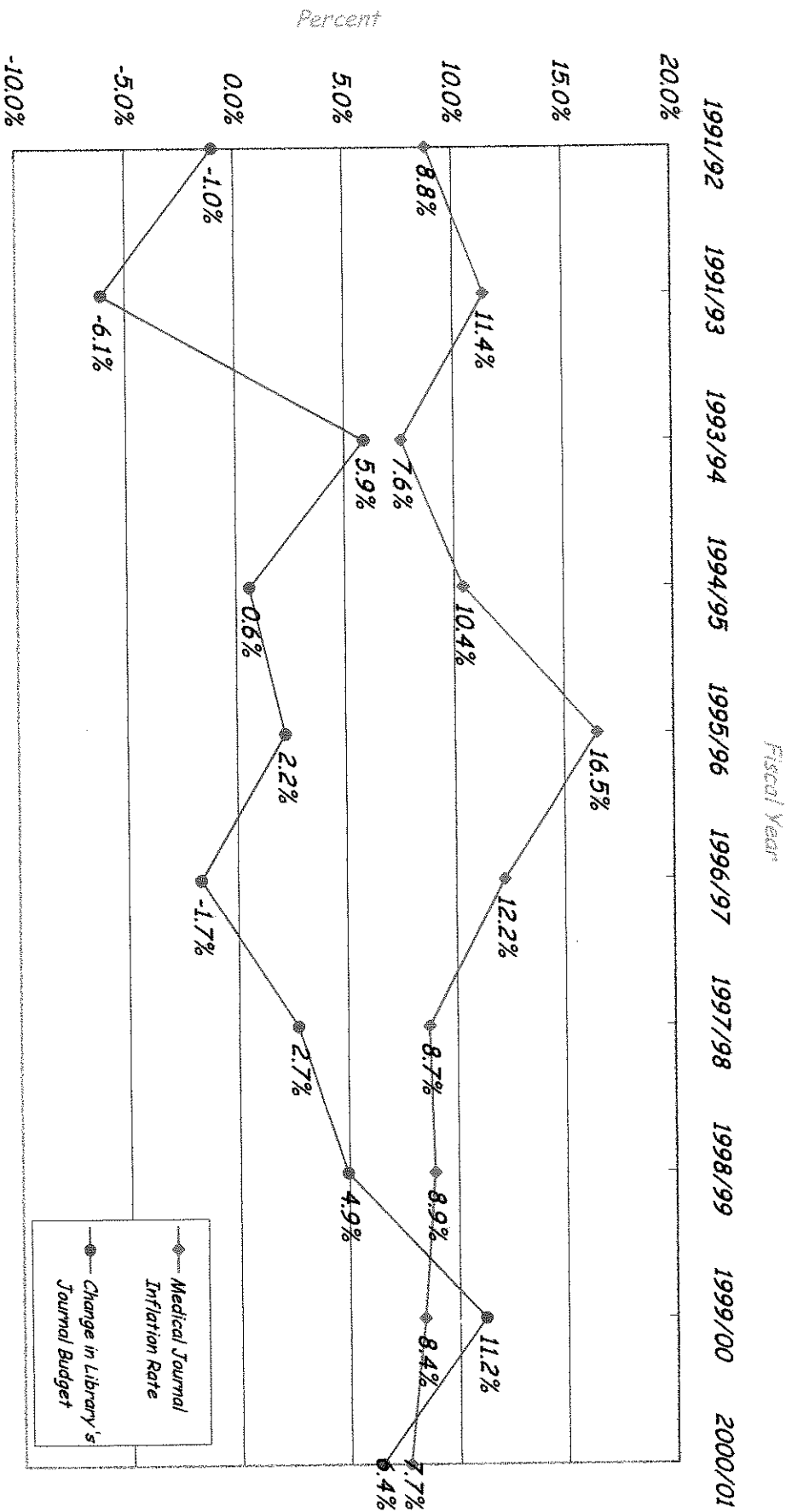
	<b>I. FY 1999/00</b>		<b>II. FY 2000/01</b>	
	<b>No. of Titles</b>	<b>% of Total</b>	<b>No. of Titles</b>	<b>% of Total</b>
<b>MCO</b>				
Print	899	49.2%	886	37.7 %
Electronic *	11	0.6%	208	8.9 %
<b>OhioLINK Electronic *</b>	918	50.2%	1,255	53.4 %
<b>TOTALS</b>	<b>1,828</b>	<b>100.0%</b>	<b>2,349</b>	<b>100.0 %</b>

\* Excludes print duplicates (i.e., electronic copies of titles also received in print). Includes unique titles received with aggregate online resources such as MD Consult & Health & Wellness Resource Center.

# *Paid Journal Subscriptions Last 10 Fiscal Years*



# Journal Budget vs. Journal Inflation Last 10 Fiscal Years



**NUMBER OF ELECTRONIC JOURNALS,  
(MCO-OWNED & OHIOLINK OWNED)  
LAST TWO FISCAL YEARS**

	<b>III. FY 1999/00</b>		<b>IV. FY 2000/01</b>	
	<b>No. of Titles</b>	<b>% of Total</b>	<b>No. of Titles</b>	<b>% of Total</b>
<b>MCO</b>	<b>185</b>	<b>14.7%</b>	<b>530</b>	<b>26.5 %</b>
Print Duplicates	174	13.9%	322	16.1 %
Unique	11	0.9%	208	10.4 %
<b>OhioLINK</b>	<b>1,070</b>	<b>85.3%</b>	<b>1,471</b>	<b>73.5 %</b>
Print Duplicates	152	12.1%	216	10.8 %
Unique	918	73.1%	1,255	62.7 %
<b>Total Print Duplicates</b>	<b>326</b>	<b>26.0%</b>	<b>538</b>	<b>26.9 %</b>
<b>Total Unique</b>	<b>929</b>	<b>74.0%</b>	<b>1,463</b>	<b>73.1 %</b>
<b>TOTAL *</b>	<b>1,255</b>		<b>2,001</b>	

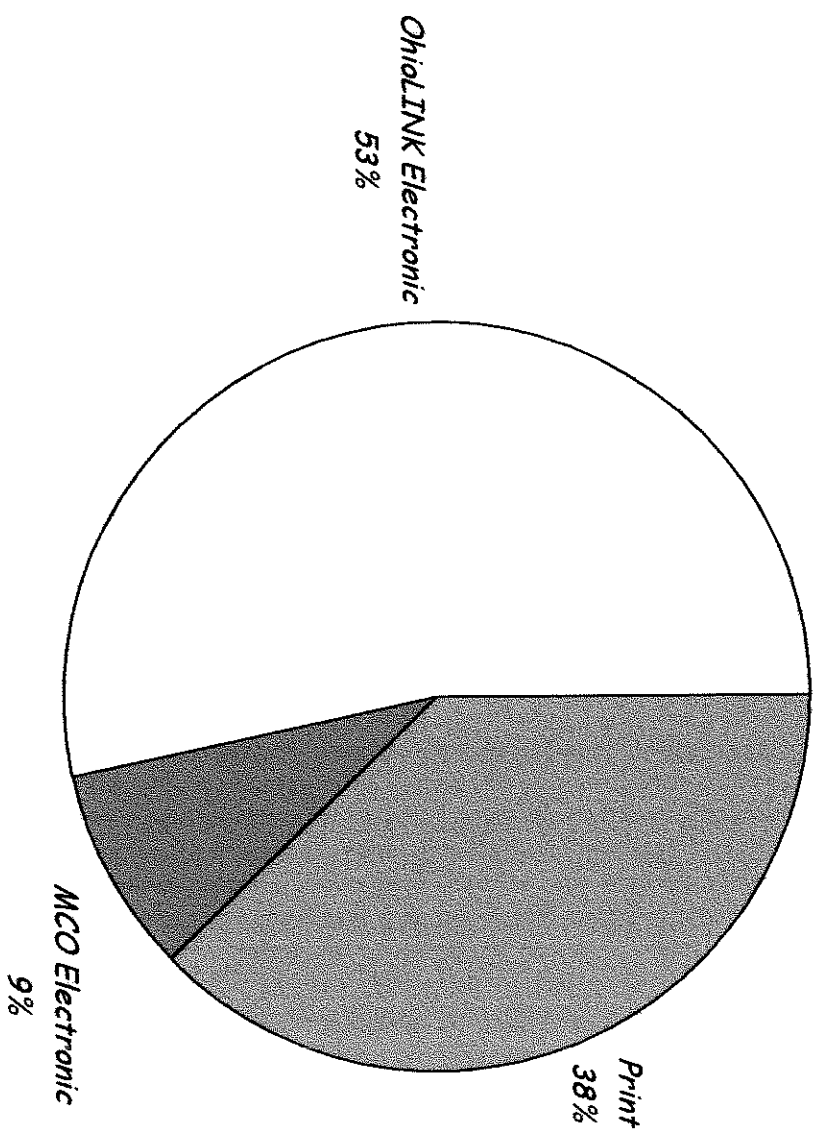
*\* Excludes 280 journals that have only selected full-text articles available through OhioLINK*

<b>JOURNAL SUBSCRIPTION EXPENDITURES, (PRINT &amp; ELECTRONIC) LAST 10 FISCAL YEARS</b>		
<b>FISCAL YEAR</b>	<b>AMOUNT SPENT</b>	<b>% CHANGE</b>
1991/92	\$ 454,381	- 1.0 %
1991/93	\$ 426,852	- 6.1 %
1993/94	\$ 452,101	5.9 %
1994/95	\$ 454,937	0.6 %
1995/96	\$ 464,921	2.2 %
1996/97	\$ 457,466	- 1.7 %
1997/98	\$ 470,197	2.7 %
1998/99	\$ 493,423	4.9 %
1999/00	\$ 548,925	1.2 %
2000/01	\$ 583,868	6.4 %
<b>NET CHANGE</b>	<b>\$ 129,487</b>	<b>28.5 %</b>

<b>NUMBER OF PAID JOURNAL SUBSCRIPTIONS, (PRINT &amp; ELECTRONIC) LAST 10 FISCAL YEARS</b>		
<b>FISCAL YEAR</b>	<b>NO. OF TITLES</b>	<b>% CHANGE</b>
1991/92	1,810	-7.6 %
1991/93	1,258	-30.5 %
1993/94	1,277	1.5 %
1994/95	1,173	-8.1 %
1995/96	1,044	-11.0 %
1996/97	1,032	-2.0 %
1997/98	1,370	32.8 %
1998/99	1,408	2.8 %
1999/00	1,828	29.8 %
2000/01	2,349	28.5 %
<b>*NET CHANGE</b>	<b>539</b>	<b>29.8 %</b>

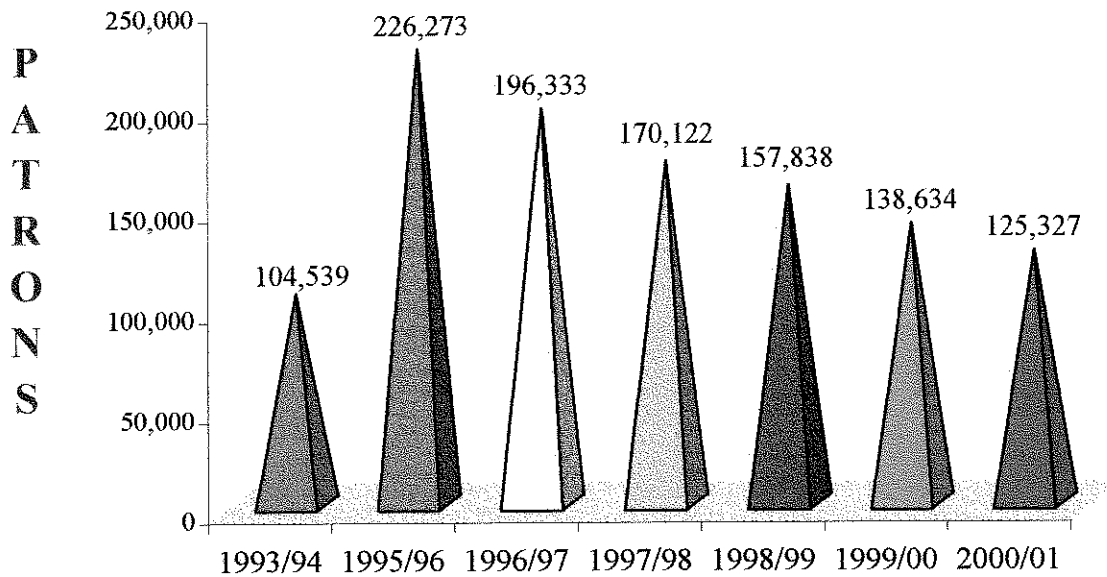
*\* If OhioLINK electronic titles are excluded from the 2000/01 subscription count, the net change is -39.6%.*

*Paid Subscriptions: Print vs. Electronic*  
*(excludes print duplicates)*



# Library Entrance Count

Fiscal Year - 2000/2001



## Library Entrance Count FY94-FY01

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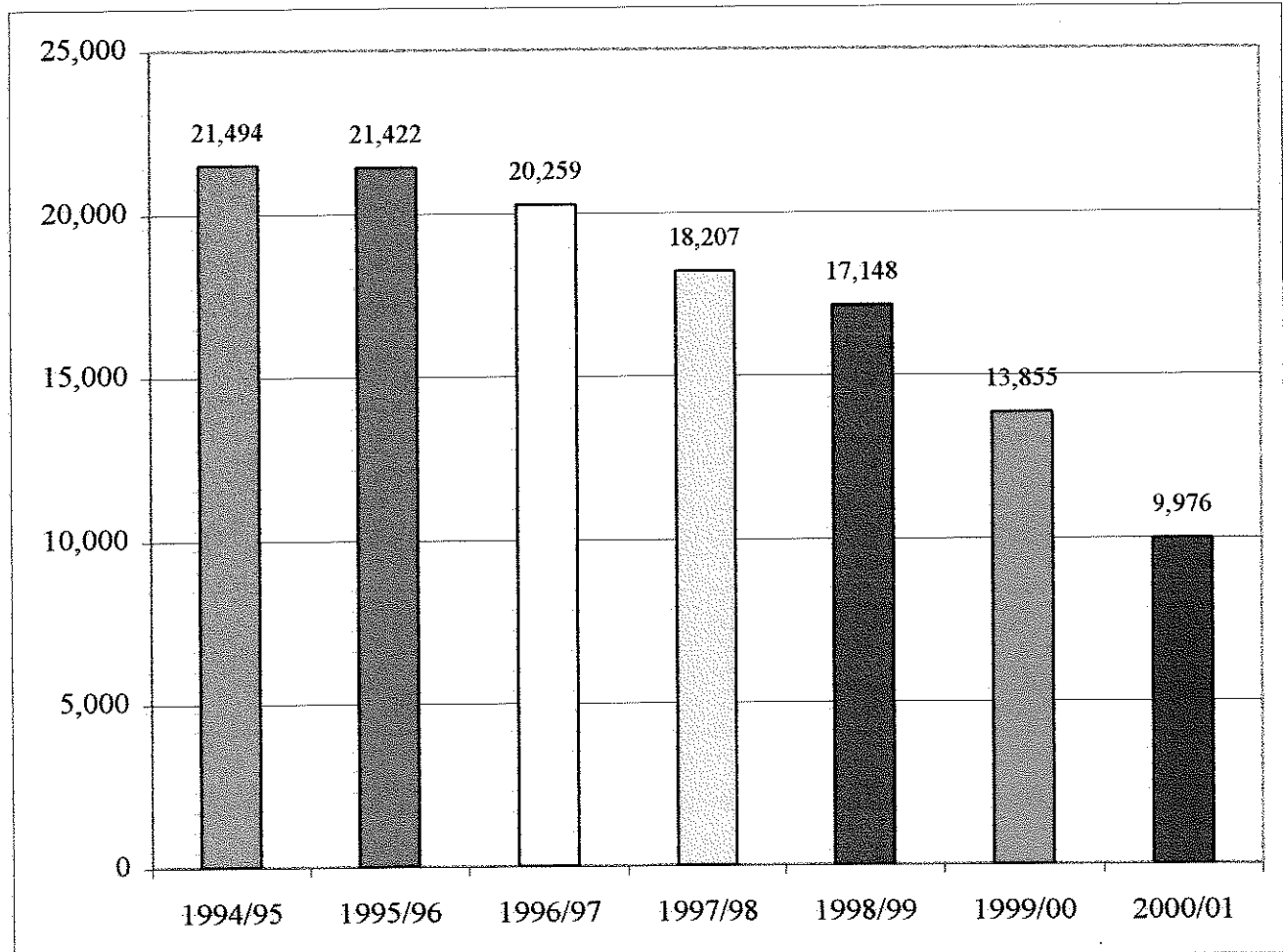
1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01
104,539	234,917	226,273	196,333	170,122	157,838	138,634	125,327

---

## Items Circulated - FY 2000/2001

Material Type			
Monographs	57.9%	5,783	
Serials	0.3%	34	
AV	0.6%	55	
Reserve	16.6%	1,655	50% decrease from FY00
Supplemental Electronic Material	1.0%	95	
Local AV	0.8%	78	
Ohio-LINK Items	22.8%	2,276	
<b>Total</b>	<b>FY00 13,855</b>	<b>9,976</b>	

## Items Circulated FY94-FY01

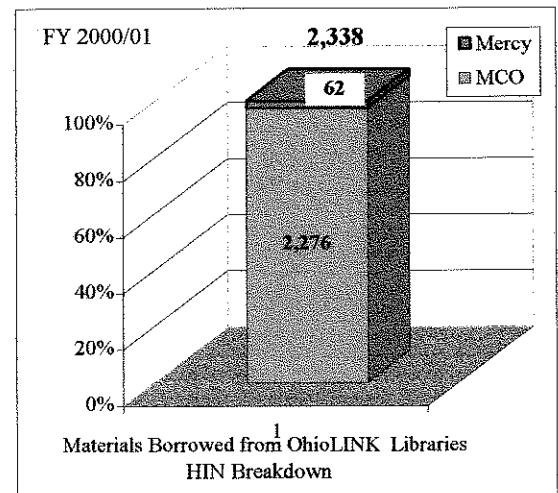
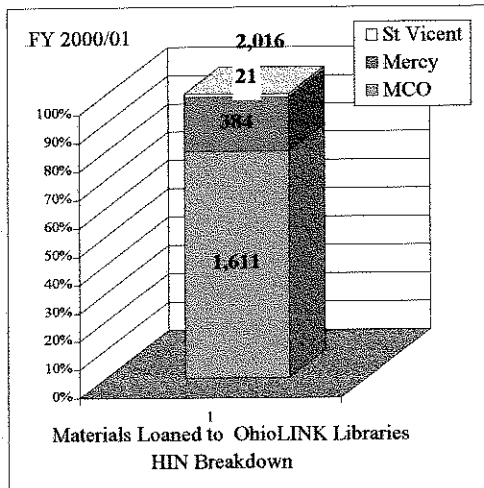
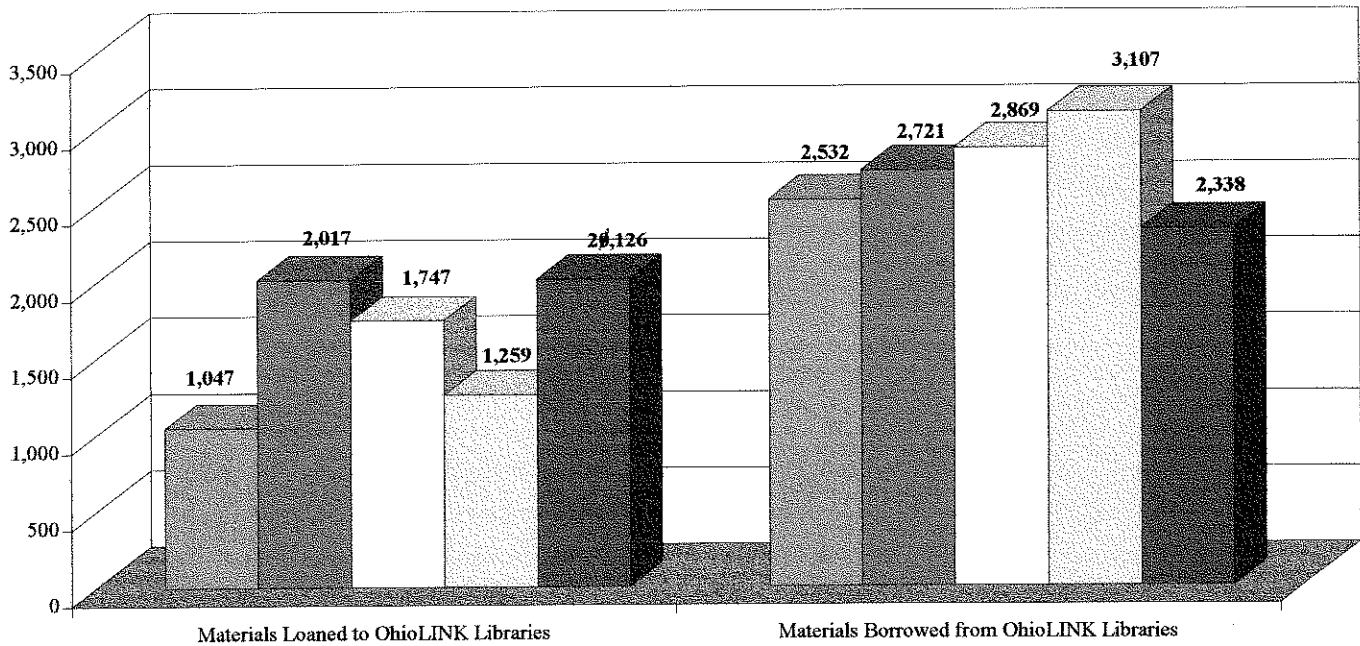
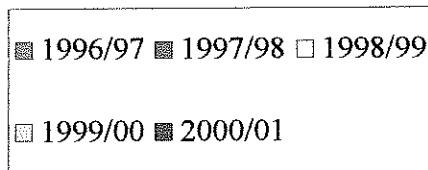




# Patron Initiated Circulation

## HIN Resource Libraries

### FY 2000/2001



	1996/97		1997/98		1998/99		1999/00		2000/01		Trend 1 Year
Loaned	29%	1,047	29%	2,017	43%	1,747	38%	1,259	41%	1,611	28%
Borrowed	71%	2,532	71%	2,721	57%	2,869	62%	3,107	59%	2,276	-27%
Total	100%	3,579	100%	4,738	100%	4,616	100%	4,366	100%	3,887	-11%

# Fiscal Year 2000/2001

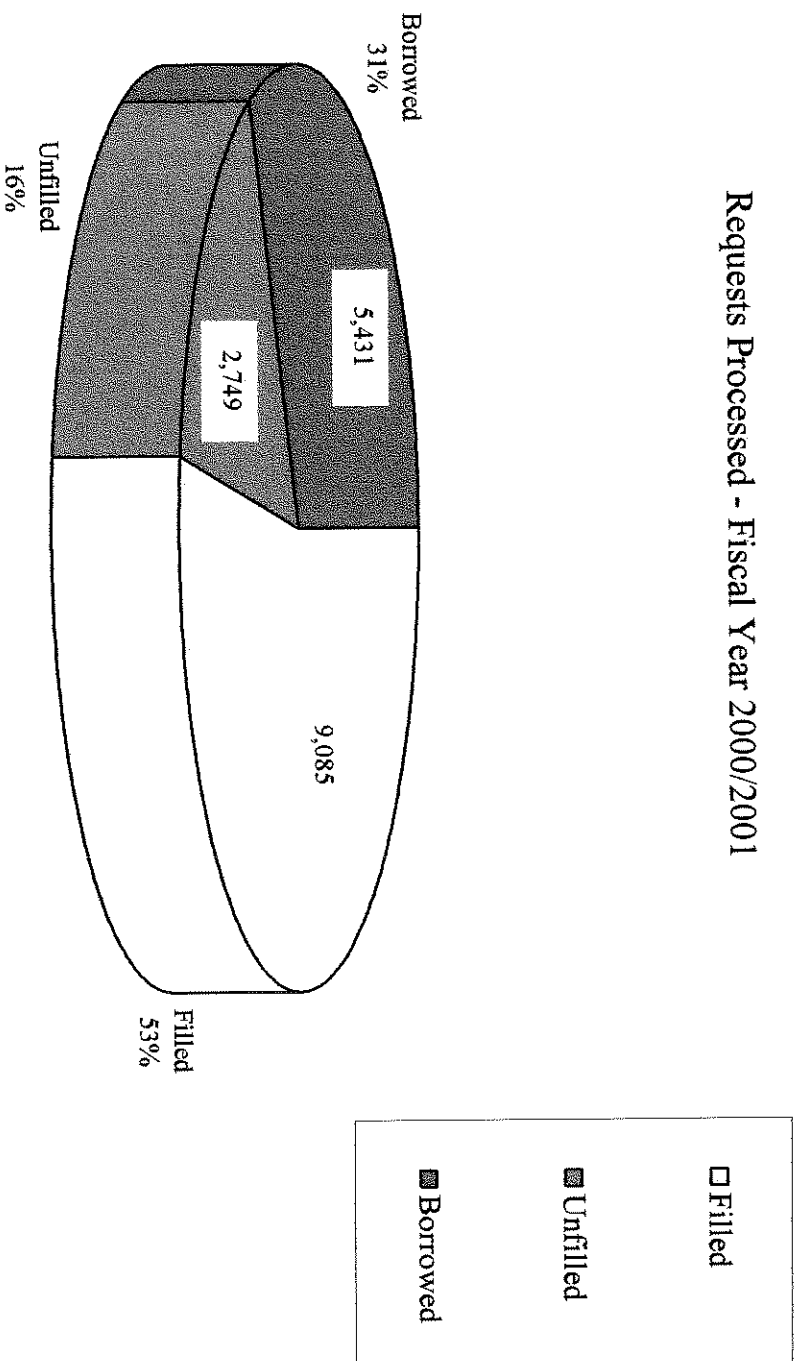
## Interlibrary Services

*Handwritten:* 10/1/01  
10/1/01

	Filled	Unfilled	Total Received	Borrowed	Grand Total
<b>Photocopy Statistics</b>					
OhioLINK Libraries	4,406	960	5,366	3,345	8,711
HIN/AHEC	806	40	846	450	1,296
Other Ohio Libraries	116	73	189	2	191
Other Ohio Hospitals	473	210	683	0	683
Region 3 Libraries	2,233	696	2,929	858	3,787
National Library of Medicine	0	0	0	196	196
Cinahl	0	0	0	55	55
The Genuine Article	0	0	0	54	54
Canada Institute for Scientific & Technical Info.	0	0	0	20	20
Other U.S. Libraries	609	463	1,072	246	1,318
International Libraries	36	30	66	0	66
Independent Patrons	288	78	366	0	366
British Library	0	0	0	32	32
UnCover	0	0	0	11	11
<b>Subtotal</b>	<b>8,967</b>	<b>2,550</b>	<b>11,517</b>	<b>5,269</b>	<b>16,786</b>
<b>Book Statistics</b>					
OhioLINK Libraries	53	32	85	49	134
HIN/AHEC	13	3	16	27	43
Other Ohio Libraries	7	26	33	7	40
Other Ohio Hospitals	0	55	55	0	55
Region 3 Libraries	25	24	49	38	87
Other U.S. Libraries	18	54	72	27	99
International Libraries	2	3	5	0	5
Independent Patrons	0	1	1	0	1
<b>Subtotal</b>	<b>118</b>	<b>198</b>	<b>316</b>	<b>148</b>	<b>464</b>
<b>Audio Visual Statistics</b>					
OhioLINK Libraries	0	0	0	1	1
HIN/AHEC	0	0	0	2	2
Other Ohio Libraries	0	0	0	0	0
Other Ohio Hospitals	0	1	1	0	1
Region 3 Libraries	0	0	0	1	1
Other U.S. Libraries	0	0	0	10	10
International Libraries	0	0	0	0	0
Independent Patrons	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>14</b>	<b>15</b>
<b>Total/Grand Total</b>	<b>9,085</b>	<b>2,749</b>	<b>11,834</b>	<b>5,431</b>	<b>17,265</b>

## INTERLIBRARY SERVICES

Requests Processed - Fiscal Year 2000/2001



**TOTAL - 17,265**

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## Fiscal Years - 1996/97 to 2000/01

### Interlibrary and Photocopy Services

	1996/97	1997/98	1998/99	1999/00	2000/01	Trend 1 Year	Trend 5 Years
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#### Lending

Requests Filled	9,805	10,352	9,599	9,880	9,085	-8.0%	-7.0%
Requests Unfilled	3,613	3,355	2,577	2,320	2,747	18.0%	-24.0%
Requests Referred	45	27	26	7	2	-71.0%	-1.0%

Total Requests Received	13,463	13,734	12,202	12,207	11,834	-3.0%	-12.0%
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#### Borrowing

Material Borrowed	6,462	6,790	6,367	5,380	5,431	9.0%	-16.0%
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#### Interlibrary Loan Requests Processed

ILS Requests Processed	19,925	20,524	18,569	17,587	17,265	-1.8%	-13.0%
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#### Photocopy Service

Library Photocopied	2,464	3,138	2,717	2,792	2,458	-12.0%	-0.2%
Depository Filled	131	655	1,093	803	860	7.0%	556.0%

Total Photocopy Service	2,595	3,793	3,810	3,595	3,318	-8.0%	28.0%
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Total Requests Processed	22,520	24,317	22,379	21,182	20,583	-2.8%	-9.0%
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# RAYMON H. MULFORD LIBRARY

## ACCESS SERVICES

### REVENUE REPORT

	1996/97	1997/98	1998/99	1999/00	2000/01
<b>CIRCULATION</b>					
EXTERNAL	7,682.64	7,806.00	6429.00	6,330.00	3,396.50
CROSSCHARGE	0	0	0	0	0
<b>TOTAL</b>	<b>7,682.64</b>	<b>7,806.00</b>	<b>6429.00</b>	<b>6,330.00</b>	<b>3,396.50</b>
<b>INTERLIBRARY SERVICES</b>					
EXTERNAL	37,875.19	35,029.00	29739.00	28,700.00	25,412.15
CROSSCHARGE	7,453.50	5,080.00	3688.00	4,732.00	3,170.50
<b>TOTAL</b>	<b>45,328.69</b>	<b>40,109.00</b>	<b>33427.00</b>	<b>33,432.00</b>	<b>28,582.65</b>
<b>TOTAL ACCESS SERVICES</b>	<b>53,011.33</b>	<b>47,996.00</b>	<b>39,856.00</b>	<b>39,762.00</b>	<b>31,979.15</b>

### INTERLIBRARY ARTICLE RETRIEVAL EXPENSE

	1996/97	1997/98	1998/99	1999/00	2000/01
<b>VENDOR EXPENSE</b>					
UMI	1,380.00	2,165.00	301.00	N/A	N/A
BRITISH LENDING LIBRARY	N/A	N/A	N/A	888.00	780.00
CISTI	N/A	1,615.00	2,153.00	1,170.00	194.00
ISI	1,145.00	978.00	324.00	393.00	1,278.00
UnCOVER	N/A	N/A	N/A	914.00	510.00
<b>TOTAL VENDOR EXPENSE</b>	<b>2,525.00</b>	<b>4,758.00</b>	<b>2,778.00</b>	<b>3,365.00</b>	<b>2,762.00</b>
LIBRARIES	5,093.00	5,397.00	5,597.00	4,393.00	4,837.00
CINAHL	N/A	N/A	N/A	799.00	954.00
NLM	N/A	4,022.00	4,800.00	2,856.00	1,830.00
<b>TOTAL ARTICLE RETRIEVAL EXPENSE</b>	<b>7,618.00</b>	<b>14,177.00</b>	<b>13,175.00</b>	<b>11,413.00</b>	<b>10,383.00</b>

## Frequently Requested Journals With History of Demand

Requested 10 Times or More

Journal Titles	2000/01	1999/00	1998/99	1997/98	1996/97
American Journal of Managed Care	11				
American Journal of Reproductive Immunology	12		12		
American Journal of Surgical Pathology	11				
Arthroscopy	26				
Biotechniques	13				
Blood Pressure	16				
Blood Pressure Monitoring	13				
***Bone Marrow Transplantation	27			13	
**Breast Cancer Research and Treatment	10				
**British Journal of Clinical Pharmacology	15				
Cancer Epidemiology, Biomarkers and Prevention	10	10			
**Clinical & Experimental Pharmacology and Physiology	15	10			
Clinical Excellence for Nurse Practitioners	11	10			
Collection of Czechoslovak Chemical Communications	10				
**Diabetic Medicine	12				
*Environmental Health Perspectives	13				
Epidemiology	10	14			
Ergonomics	13			12	
European Journal of Dermatology	14				
European Urology	24	11			
Experimental Lung Research	10				
**Facial Plastic Surgery	34				
Facial Plastic Surgery Clinics of North America	28				
Family Medicine	13		18		
*Foot and Ankle International	12	12	16	23	
**Genetics	18				
**Genome Research	13				
Human Molecular Genetics	24	11		11	
Human Reproduction	21	23	17	25	
***Infection Control and Hospital Epidemiology	12		11	22	
International Journal of Oncology	11				
**Japanese Journal of Cancer Research	11				
Journal of Analytical Toxicology	10				
Journal of Arthroplasty	16				
Journal of Cardiopulmonary Rehabilitation	14			10	
**Journal of Clinical Psychiatry	13	25			
Journal of Clinical Psychopharmacology	10			11	
Journal of Human Hypertension	18				
Journal of Hypertension	16				
Journal of Invasive Cardiology	11				
**Journal of Neurology	11				
Journal of Neuro-Ophthalmology	10				
Journal of Nursing Staff Development	20				
*Journal of Orthopaedic Trauma	15			10	18

## Frequently Requested Journals With History of Demand

Requested 10 Times or More

Journal Titles	2000/01	1999/00	1998/99	1997/98	1996/97
Journal of Pediatric Hematology/Oncology	11				
***Journal of Perinatology	12				
Journal of Public Health Management and Practice	11				
Journal of Shoulder and Elbow Surgery	12				
*Journal of the American Academy of Nurse Practitioners	10				11
***Journal of the American Society of Nephrology	18			11	
Journal of Vascular and Interventional Radiology	22				
Lupus	16				17
**Mammalian Genome	18				
Medical Care	15			10	
Medical Hypotheses	13				
***Medical Journal of Australia	15		14		
**Neurotoxicology	12				
***Nurse Education Today	11	13			13
Nursing Spectrum	10	10	16		
*Nursing Standard	16				12
Oncology Reports	10				
Perceptual and Motor Skills	11		14		
Progress in Brain Research	12			24	
Reproduction, Fertility, and Development	16				
**Sexuality and Disability	17		10		

\*Recently Added to Collection or Resubscribed.

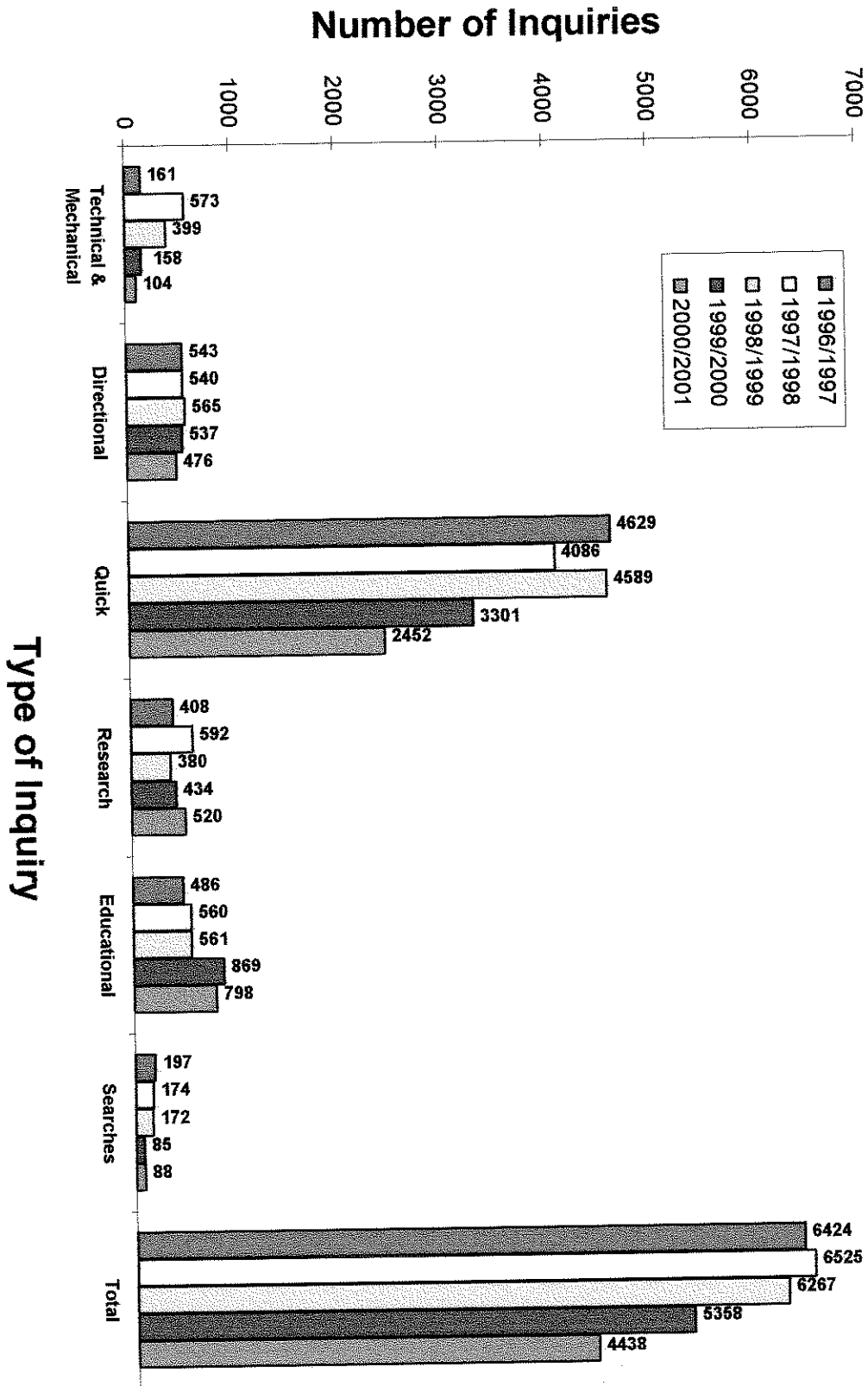
\*\*Available through the EJC.

\*\*\*Owned by another HIN resource library.

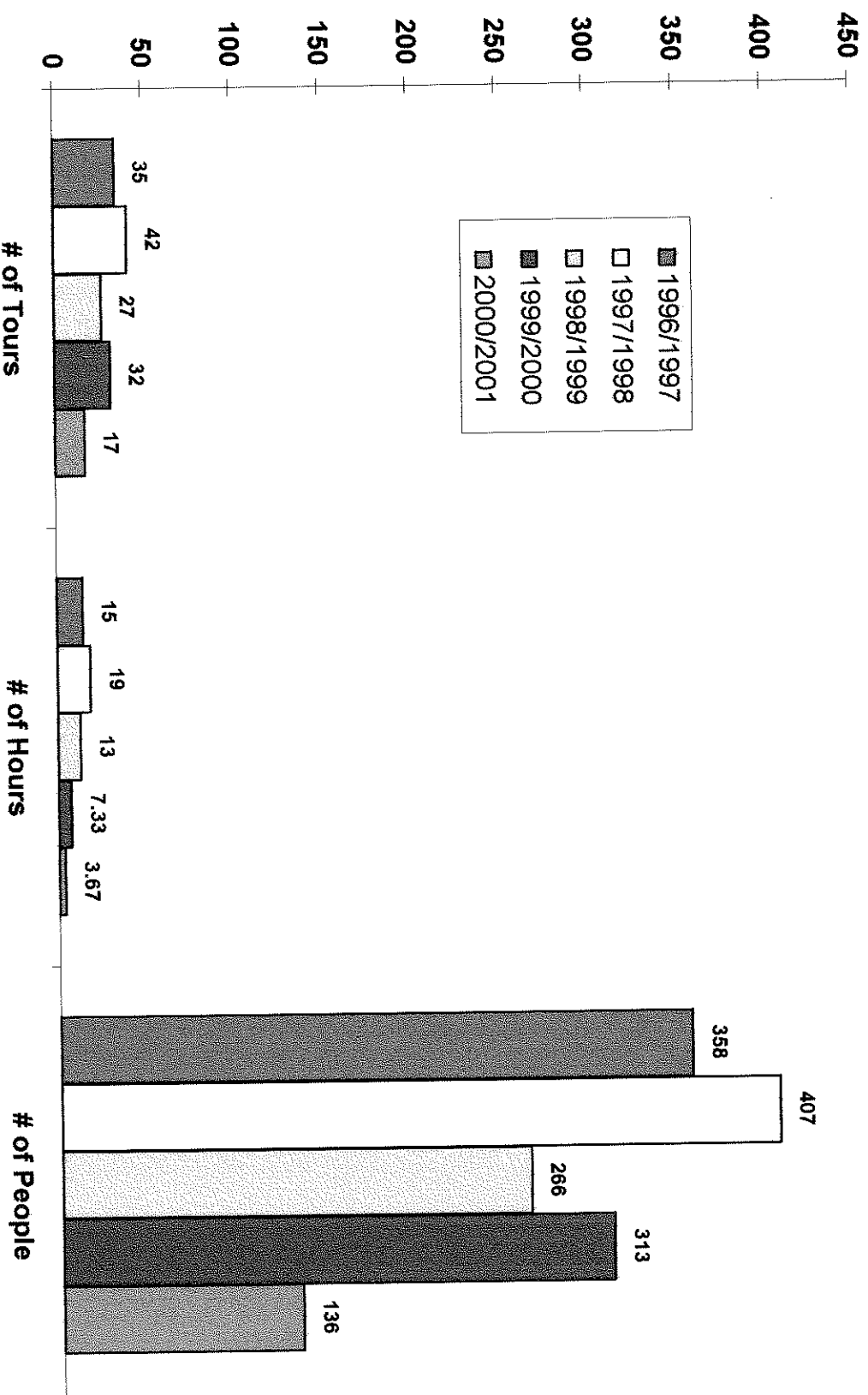
These statistics include only the number of requests made for articles published within the last five fiscal years. Any requests for articles that were published earlier than this are not included.



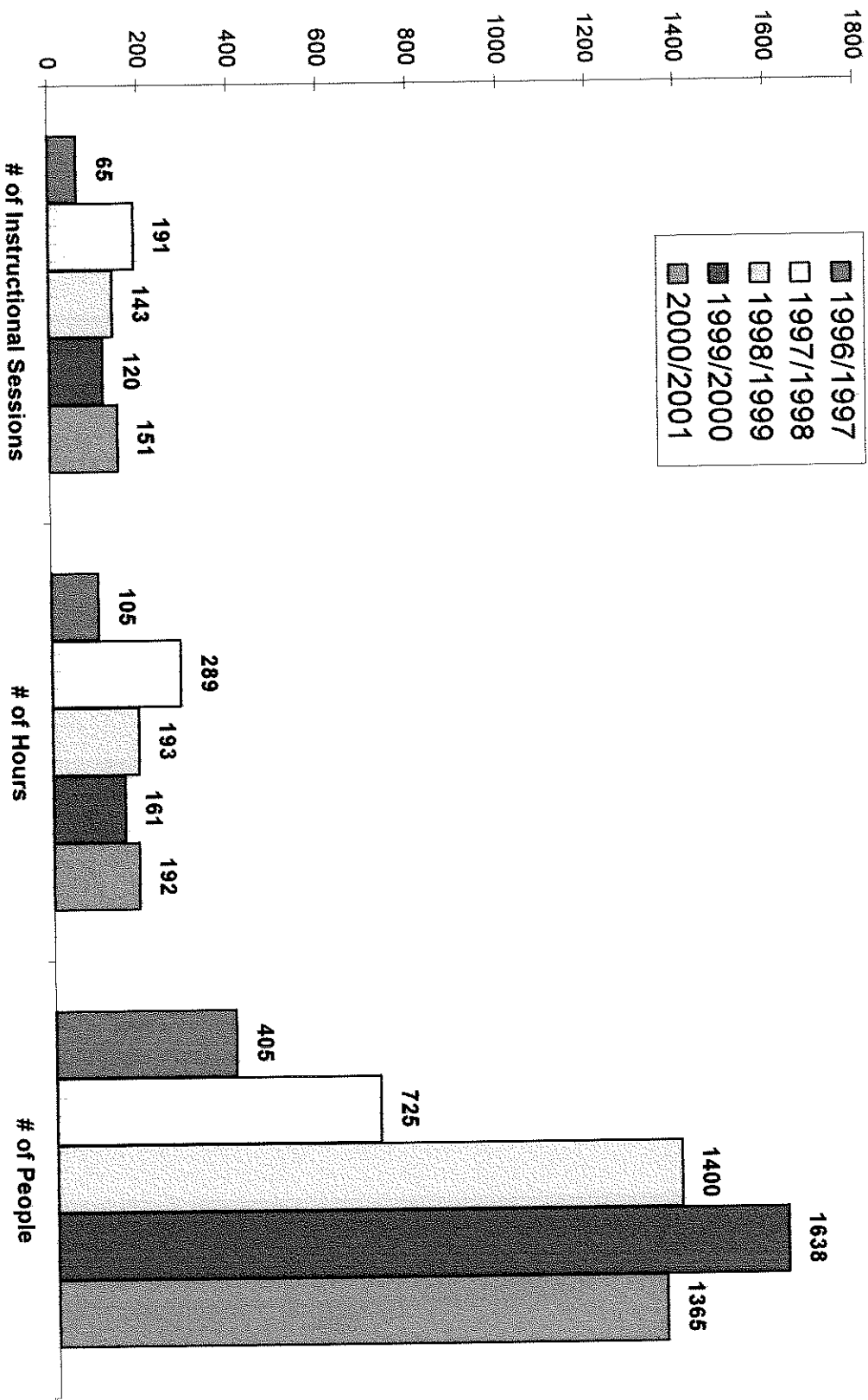
# Reference Desk Transactions



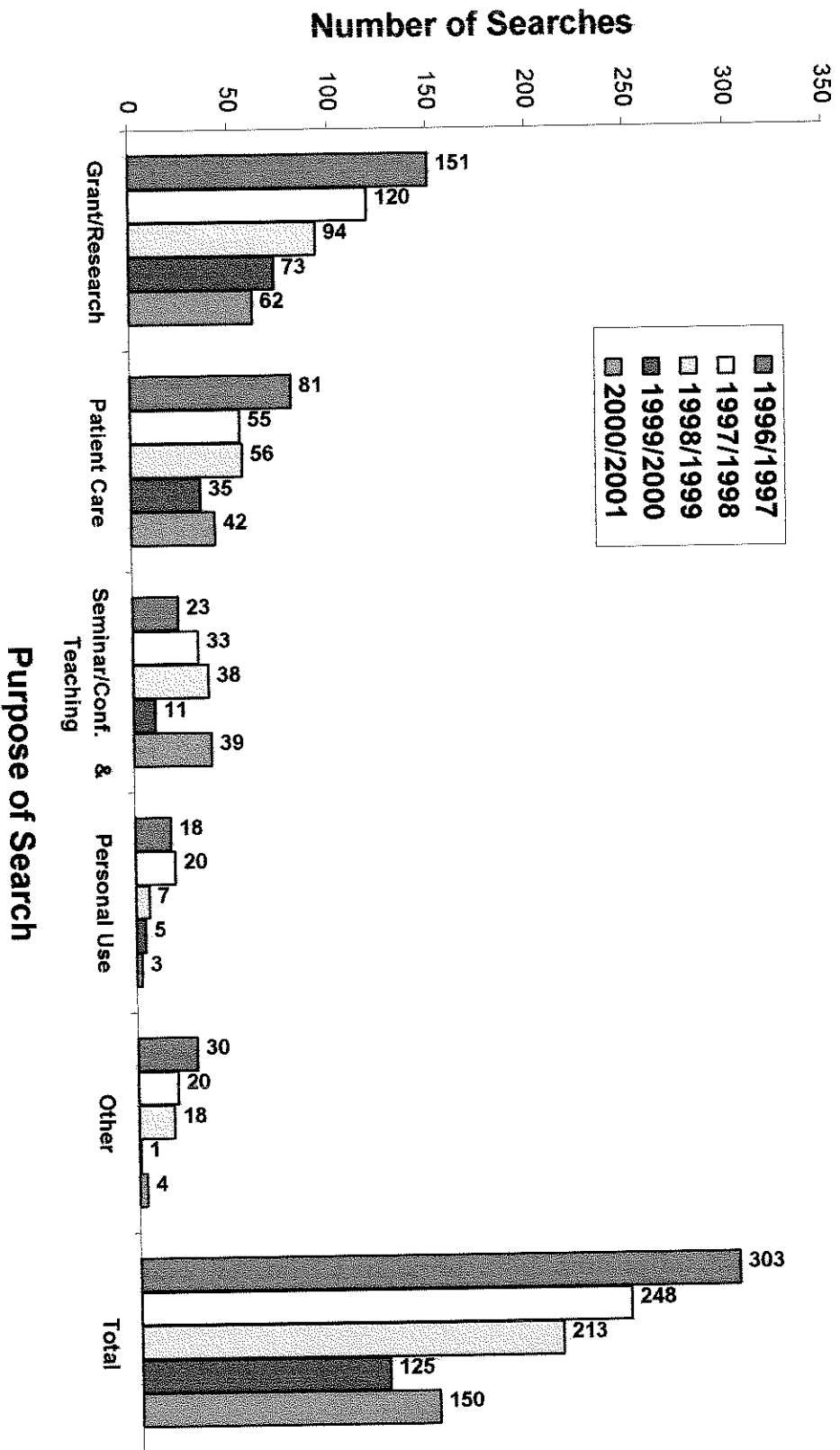
# Tour/Orientation Sessions



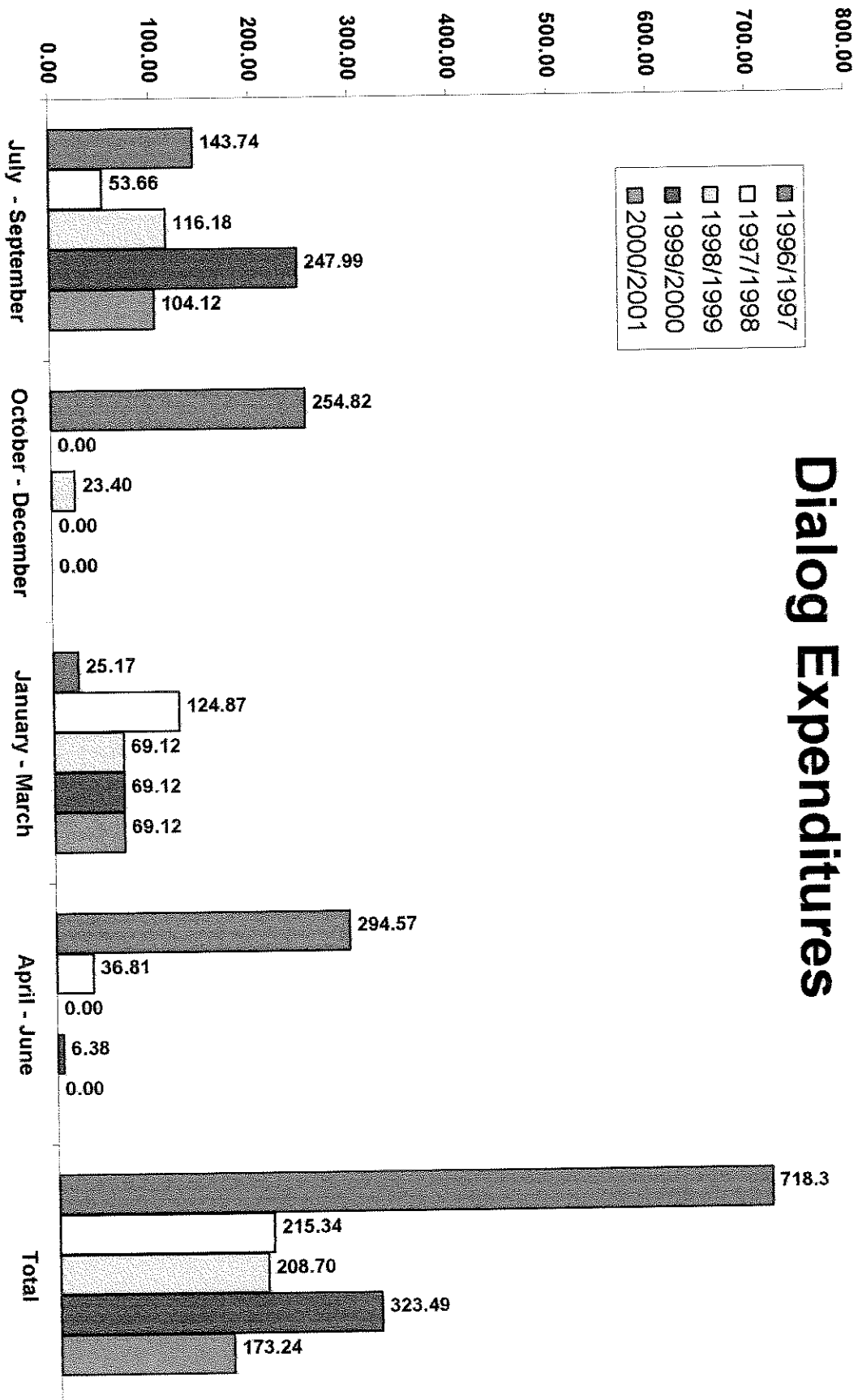
# Instructional Sessions



# Librarian Performed Literature Searches by Purpose

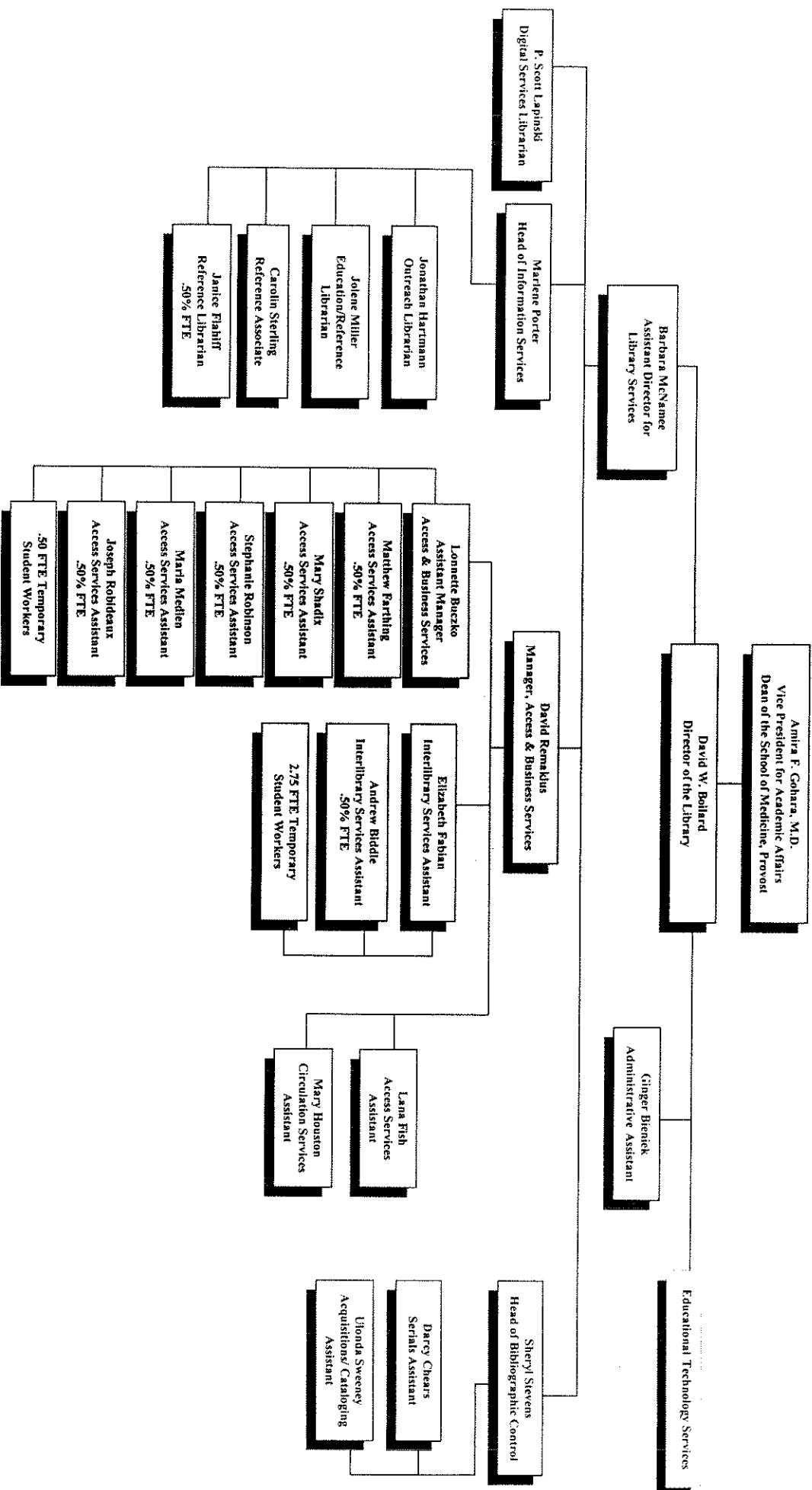


# Online Searching Dialog Expenditures



# Appendices

**Raymon H. Mulford Library  
Library Services Division  
Organization Chart  
June 30, 2001**



# **Raymon H. Mulford Library** **Expenditures for Fiscal Year 2000/2001**

	State Account 3100000	External User Fee 9613100	Foundation Account 174	Total Expenditures
<b>Beginning Balance</b>	<b>\$1,734,520</b>	<b>\$12,715</b>	<b>\$2,505</b>	
100 – Salaries	824,987	2,097	0	\$827,084
200 – Fringe Benefits	169,533	283	0	169,816
Payroll Accrual	(124)			(124)
<b>TOTAL PERSONNEL</b>	<b>\$994,396</b>	<b>\$2,380</b>		<b>\$996,776</b>
300 – Supplies	10,533	8,984		19,517
400 – Travel & Entertainment		10,259	1,023	11,282
500 – Info & Communication	649,622	36,104	0	685,726
<i>*Library Crosscharge Account</i>	(3,521)			(3,521)
600 – Outside Services	44,150		0	44,150
700 – Miscellaneous	0	6,206		6,206
900 – Equipment	0			
990 – Transfer	0			
<b>TOTAL OPERATING</b>	<b>\$700,784</b>	<b>\$61,553</b>	<b>\$1,023</b>	<b>\$763,360</b>
<b>TOTAL EXPENDITURES</b>	<b>\$1,695,180</b>	<b>\$63,933</b>	<b>\$1,023</b>	<b>\$1,760,136</b>

\*The Library is authorized to charge expenditures to its operating budget equal to the balance in the Crosscharge (3101000) account.



**NIH Health Information  
Network NWO Grant (Year 2)**

Beginning Balance	\$68,345
100 – Salaries	37,399
200 – Fringe Benefits	6,457
Payroll Accrual	
TOTAL PERSONNEL	\$43,856
300 – Supplies	1,549
400 – Travel & Entertainment	1,375
500 – Info & Communication	21,565
600 – Outside Services	0
700 – Miscellaneous	0
900 – Capital Assets	0
TOTAL DIRECT COSTS	\$24,489
TOTAL PROJECT COSTS	\$68,345

## Library Advisory Committee FY 2000-2001

Nicholas Chiaia, Ph.D. (Chairman)

Kathryn Boehm, M.D.

David Boilard, A.M.L.S. (ex-officio)

Ray Brinker, M.D.

Keith Crist, Ph.D.

Elizabeth Halloran, Ph.D.

Jeffrey Jablonski, Ph.D. (ex-officio)

Paul Lehmann, Ph.D.

Barbara McNamee, A.M.L.S. (ex-officio)

Nikolai Modyanov, Ph.D.

Martin Rice, Ph.D.

Julie Sterling (graduate student)

Tracy Szirony, M.S.N., R.N.

### Meeting Dates:

October 25, 2000

May 1, 2001

Minutes of the Library Advisory Committee meetings are available upon request in the Raymon H. Mulford Library administrative office.

## **Gifts To The Raymon H. Mulford Library**

The Library would like to thank the following individuals for their generosity in donating cash gifts:

Mr. & Mrs. Charles W. Goddard  
N. Canton, OH

Ginger Bieniek

David W. Boilard, A.M.L.S.

Jolene M. Miller, M.L.S.

Martin Overholt

The Library thanks the following individuals for their thoughtfulness in donating needed books and periodicals to its collection:

Charles V. Perrill, M.D., F.A.C.S.  
Penney Farms, FL

Michael H. Plumer, M.D.  
Poulsbo, WA

John H. Howard, M.D.  
Toledo, OH

## **Raymon H. Mulford Library Staff Changes – 2000-2001**

### ***Library Services***

Dawn Durivage resigned from Bibliographic Control – August 2000  
Rose Tammerine retires from Circulation Services – October 2000  
Jeffrey Adkins hired as LMTA1 for Circulation Services – October 2000 thru January 2001  
Angela Hardy hired as LMTA1 for Circulation Services – October 2000 thru March 2001  
Joseph Robideaux hired as LMTA1 for Circulation Services February 2001  
Matthew Farthing hired as LMTA1 for Circulation Services – March 2001  
Lonnelle Buczko promoted to Assistant Manager, Business & Access Services, October 2000

### ***Student Staff***

Joni Cousino resigned from Circulation Services – August 2000  
Amanda Ambrosa hired for Circulation Services – September 2000 thru February 2001  
Jeffrey Adkins hired for Circulation Services – September 2000 thru October 2000  
Abdul Malik hired for Circulation Services – September 2000  
Jason Otto hired for Interlibrary Services – October 2000  
Angela Hardy resigned for Circulation Services – October 2000  
Kelleigh Allen resigned from Interlibrary Services – October 2000  
Joseph Robideaux hired for Circulation Services October 2000 thru February 2001  
Leia Tucker hired for Interlibrary Services – November 2000 thru January 2001  
Jennifer Quackenbush hired for Circulation Services – February 2001  
Matthew Farthing hired for Circulation Services – February 2001 thru March 2001  
Carol Farris hired for Interlibrary Services – March 2001  
Sutoidem Akpanudo hired for Circulation Services – April 2001  
Jessica Schneider resigned from Interlibrary Services – June 2001

# Raymon H. Mulford Library Staff

Effective June 30, 2001

*Name*

*Service Date*

## Administration

David W. Boilard, A.M.L.S.

October 8, 1991

Director

Assistant Professor – Department of Family Medicine

Adjunct Assistant Professor, School of Allied Health

Ginger Bieniek

May 12, 1980

Administrative Assistant

## Library Services

Jonathan Hartmann, M.L.S.

January 3, 1994

Outreach Librarian

Instructor, Department of Medicine

P. Scott Lapinski, M.S.

December 1, 1997

Digital Services Librarian

Instructor, Department of Pediatrics

Barbara A. McNamee, A.M.L.S.

February 12, 1996

Assistant Director for Library Services

Instructor, Department of Occupational Therapy

Jolene Miller, M.L.S.

November 1, 1995

Education/Reference Librarian

Instructor, Department of Physician Assistant Studies

Marlene A. Porter, M.L.S.

April 29, 1992

Head of Information Services

Instructor, Department of Family Medicine

David Remaklus, M.B.A.

July 18, 1988

Manager of Access & Business Services

Sheryl R. Stevens, M.S.L.S.

September 1, 1993

Head of Bibliographic Control

Instructor, School of Nursing

Andrew Biddle (.50 F.T.E.)

August 3, 1996

Interlibrary Services Assistant

Lonnette Buczko Assistant Manager, Business & Access Services	January 29, 1990
Darcy Cheers Serials Assistant	January 19, 1993
Elizabeth Fabian Interlibrary Services Assistant	December 7, 1986
Matthew Farthing (.50 F.T.E.) Access Services Assistant	March 2001
Lana Fish (.50 F.T.E.) Access Services Assistant	February 2, 1995
Janice Flahiff Reference Associate	August 23, 1999
Mary Houston Circulation Services Assistant	October 5, 1971
Maria Medlen (.50 F.T.E.) Access Services Assistant	March 14, 1999
Joseph Robideaux (.50 F.T.E.) Access Services Assistant	March 2001
Mary Shadix (.50 F.T.E.) Access Services Assistant	September 24, 1995
Carolyn Sterling Reference Associate	June 7, 1999
Ulonda Sweeney Acquisitions/Cataloging Assistant	January 13, 1997

## **Library Faculty Activities**

**David W. Boilard, A.M.L.S., Director of the Library**

**Assistant Professor of Family Medicine; Adjunct Assistant Professor of Allied Health**

### **Service**

Medical Library Association (MLA)  
Certification Committee  
Association of Academic Health Science Libraries/AAMC  
Editorial Board, Annual Statistics of Medical School Libraries in the U.S. and Canada  
Midwest Chapter of the Medical Library Association  
Chair, Nominations Committee  
Greater Midwest Chapter of the National Network of Libraries of Medicine  
Oversight Committee  
American Medical Informatics Association  
Ohio Health Science Library Association  
OhioLINK  
Library Advisory Committee  
Cost Sharing Task Force  
Ohio Public Health Association  
Health Science Librarians of Northwest Ohio  
Toledo Area Library Association  
Medical College of Ohio  
Library Advisory Committee – ex officio (Standing)  
Remote Access Task Force (Information Systems)  
Faculty Senate  
Steering Committee  
Chair, Academic Committee  
Task Force (on Senate structure)  
Faculty Club Board of Directors

### **Continuing Education**

"Issues in Public Health" (3 cr.), "Public Health Administration" (3 cr.), "Health Behaviors" (3 cr.),  
"Methods & Materials in Health Education" (3 cr.) - Northwest Ohio Consortium for Public Health

### **Interviewer**

Interviewer: Medical school student applicants

### **Teaching**

MED 1: Integrative Pathophysiology (PBL) Facilitator	(32 contact hr.) two blocks
MED 1: Integrative Pathophysiology- "Informatics" - Lecturer	( 1 contact hr.)
MED 2: Problem-base learning - Lecturer	( 1 contact hr.)
SUDS 1: Substance Abuse Disorders - Facilitator	( 1 contact hr.)
COMP 702: Personal Information Management for the Medical Professions - "Quality Filtering, Copyright"- Lecturer	( 6 contact hr.)

### **Meetings**

Midwest Chapter of MLA, Cincinnati - Fall 2000

### **Consulting**

Noble Foundation (Ardmore, OK) - Information Systems Review Team - August 2000

### **Community Service**

Treasurer - Board of Directors, Comprehensive Addiction System Services (COMPASS)  
Grant Reviewer and Grants Advisory Council member - State Library of Ohio

### **Grant**

Completion of "Health Information Network for NW Ohio" grant - \$185,000 (1999-2001)

**Jonathan Hartmann, M.L.S., Outreach Librarian,  
Instructor, Department of Medicine**

**Service**

Medical Library Association  
Academy of Health Information Professionals  
Midwest Chapter of the Medical Library Association  
Ohio Health Sciences Library Association

**Continuing Education**

"Facilitator Training in Problem-Based Learning," MCO (8 hours)  
"EndNote Training," MCO

**Interviewer**

Interviewer for medical school applicants

**Teaching**

MED 1: Integrative Pathophysiology (PBL) Facilitator (32 contact hrs.) two blocks  
COMP 702: "Personal Information Management for the ( 6 contact hrs.)  
Medical Professions - "Resources, MEDLINE, Science  
Citation Index, and Electronic Resources: World  
Wide Web, Online Journals, Web Sites, Searching  
and Evaluation" - Lecturer  
"Medical Applications of Computers," Lecturer  
"HIN Web site/OSLER/Pubmed Training" - Outreach training  
"MEDLINE" Classes, Lecturer  
"CINAHL" Classes, Lecturer  
Library Tour for Paramedic Program

**Presentations, Publications, Posters**

"Searching Literature Databases", presentation for St. Vincent Hospital Nurses  
"MD Consult", presentation for AHEC preceptors at AHEC Preceptor Day  
"Cybercafe", presentation for MCO clinical staff

**P. Scott Lapinski, M.S., Digital Services Librarian  
Instructor, Department of Pediatrics**

**Service**

American Society of Information Science and Technology  
Chair of the Special Interest Group on Electronic Publication (SIG-PUB)  
Michigan Regional Chapter, American Society of Information Science and Technology  
Chair-Elect  
OhioLINK  
Lead Implementor Committee

**Continuing Education**

"Grant Writing Workshop," MCO - June 2001  
"Advanced Excel Training II and III," MCO - March 2001

**Teaching**

MED 1: Integrative Pathophysiology (PBL) Facilitator (18 contact hr.)  
COMP 702: Personal Information Management for the ( 6 contact hr.)  
Medical Professions - "Pro-Cite" and "Endnote" - Lecturer

**Meetings**

American Society of Information Science Annual Meeting, Chicago - November 2000  
Michigan Chapter of the American Society for Information Science, Ann Arbor - May 2001

**Presentations, Publications, Posters**

Lapinski, PS. "Books, bytes, and bridges" [book review] *Journal of the American Society for Information Science* 51, no. 13 (Nov. 2000): 1248-9



**Barbara McNamee, A.M.L.S., Assistant Director for Library Services**  
**Instructor, Department of Occupational Therapy**

**Service**

Medical Library Association (MLA)  
HealthWeb  
Content Committee  
OhioLINK  
Cooperative Information Resource Management (CIRM) Committee  
Health Sciences Liaison to CIRM  
Medical College of Ohio  
Library Advisory Committee (ex officio)  
Information Management Committee (JCAHO)  
Cultural Competence Training Team

**Teaching**

MED 1: Integrative Pathophysiology"(PBL) - Facilitator (36 contact hr.) two blocks  
COMP 702: Personal Information Management for the ( 4 contact hr.)  
Medical Professions - "Developing a Plan" - Lecturer

**Jolene M. Miller, MLS, Reference/Education Librarian**  
**Instructor, Physician Assistant Studies**

**Service**

American Library Association  
Association of College and Research Libraries  
Medical Library Association  
National Program 2003 Committee Member  
Academy of Health Information Professionals, Senior Level  
Midwest Chapter of the Medical Library Association  
Academic Library Association of Ohio  
Medical College of Ohio, Department of Physician Assistant Studies  
Co-coordinator, Scholarly Projects Presentations

**Continuing Education**

Courses toward Ph.D. taken at the University of Toledo  
"Multivariate Statistics" (3 cr. hr.), "Qualitative Research I" (3 cr. hr.), "Basic Educational  
Psychology" (3 cr. hr.), "Instructional Psychology" (3 cr. hr.), "Modern Educational Controversies"  
(3 cr. hr.), "Independent Study: SPSS" (3 cr. hr.)

**Interviewer**

Interviewer for candidates for the Physician Assistant Program  
and participator in the selection meeting

**Teaching**

BIOC655: Journal Paper Review in Biochemistry" - Lecturer ( 2 contact hr.)  
COMP 702: Personal Information Management for the (24 contact hr.)  
Medical Professions - Lecturer and Coordinator  
MED1: Integrative Pathophysiology - Lecturer ( 1 contact hr.)  
MED1: Integrative Pathophysiology - Facilitator (18 contact hr.)  
MED2: Pathophysiology Problem-Based Learning - Lecturer ( 1 contact hr.)  
N301: Introduction to Nursing Agency - Lecturer ( 5 contact hr.) undergraduate  
N556: Ethics, Human Diversity, and Social Issues - Lecturer (0.5 contact hr.)  
OCCH 602: Environmental and Occupational Health ( 2 contact hr.)  
Research Methods - Lecturer  
PT 410: Scientific Inquiry in Physical Therapy - Lecturer ( 4 contact hr.) undergraduate  
Orientation lectures for incoming students, undergraduate/graduate  
Tours for incoming students, undergraduate/graduate  
Campus training for MEDLINE CINAHL Internet and EndNote

### Meetings

Academic Library Association of Ohio, Ashland, Ohio - November 2000  
Association of College and Research Libraries, Denver, Colorado - March 2001

### Presentations, Publications, Posters

Miller, J. M. (2001). *Problem-based learning inside and out: Multiple roles of librarians in PBL*. Poster presentation at the ALAO Annual Conference, Ashland, Ohio - November 3, 2000.  
Miller, J. M. (2001). [Author and subject indexes]. In Bond, T. G., & Fox, C. M., *Applying the Rasch model: Fundamental measurement in the human sciences* (pp. 245-255). Mahwah, NJ: Lawrence Erlbaum Associates

### **Marlene A. Porter, M.L.S., Head of Information Services Instructor, Family Medicine Department**

#### Service

American College and Research Libraries  
Membership Committee (term ends July, 2001)  
American Library Association  
Medical Library Association  
Public Services Section  
Chair, Information Management Education Special Interest Group  
Midwest Chapter of the Medical Library Association  
Academic Library Association of Ohio  
Ohio Health Sciences Library Association  
Communications Committee  
Secretary (elected Spring, 2000 - 2-year term)  
OhioLINK  
User Services Committee  
Subcommittee on OhioLINK Web Pages  
Volunteer Trainer for regional OhioLINK Dataware training  
USC representative for OhioLINK Regional Briefing  
Medical College of Ohio  
Faculty Club Board of Directors  
Department of Family Medicine  
Faculty Senator  
Chair, Library Audio Visual and Patient Education Committee

#### Continuing Education

"Problem Based Learning Facilitator training," MCO  
"Proving Your Worth," Medical Library Association CE - April 2001  
"Fundamentals of Acquisitions" (online course), Association for Library Collections & Technical Services - April - May 2001  
"Librarian-Faculty Collaborations," Academic Library Association of Ohio Workshop - May 2001

#### Interviewer

Interviewer: Medical School student applicants

#### Teaching

MED 1: Integrative Pathophysiology - "Research Sources" - Lecturer ( 1 contact hr.)  
MED 2: Problem-Based Learning - "Research Sources" - Lecturer ( 1 contact hr.)  
COMP 702: Personal Information Management for the Medical Professions - "Analysis of Information Need/Selection of Sources," and "Publications and Presentations" - Lecturer (12 contact hr.)  
SUDS 1: Substance Abuse Disorders - Facilitator ( 1 contact hr.)  
"CINAHL instruction" - lecturer, 5 sessions, BSN students  
"MEDLINE & CINAHL I," - lecturer, 3 sessions, all levels  
"New Faculty Orientation" - lecturer, 1 session, Faculty  
"MCO Internet Class" - lecturer, 6 sessions (3 of each), Faculty and Staff  
"Introduction & Netscape" and "Evaluating Web Sites"  
"Family Medicine Residents Informatics" - lecturer, 2 sessions, Residents

"Netscape/Web Searching/Electronic Communication"  
"OSLER, OhioLINK, MEDLINE, Electronic Journals"  
"MEDLINE, full-text journals" - lecturer, 1 session, Faculty  
"HealthSTAR, full-text journals" - lecturer, 1 session, Staff  
"Web search engines and images" - lecturer, 1 session, Faculty  
"OhioLINK Dataware" - lecturer, 2 sessions, Faculty & Staff

#### **Meetings**

Medical Library Association Annual Meeting, Orlando, FL - May 2001  
Ohio Health Sciences Library Association Fall 2000 Meeting, Cincinnati - September 2000  
Spring 2001 Meeting, Columbus, OH - April 2001

#### **Presentations, Publications, Posters**

Medical Library Association Annual Meeting, Orlando, FL - May 2001  
Moderator of paper session  
Poster Presentation on Hispanic Grant project  
Facilitator for Round Table discussion on Information Literacy  
Medical Library Association Public Services Section Newsletter: *MLA joins the National Forum on Information Literacy*, Spring, 2001

#### **Grants**

Hispanic Grant, concluded and submitted final report, January, 2001

### ***Sheryl R. Stevens, M.S.L.S., Head of Bibliographic Control***

**Instructor, School of Nursing**

#### **Service**

Medical Library Association  
Academy of Health Information Professionals / Medical Library Association (renewed at Distinguished Level, October 2000)  
Nursing and Allied Health Section / Medical Library Association  
Member, "Mapping the Nursing Literature" Research Task Force  
Technical Services Section / Medical Library Association  
Midwest Chapter / Medical Library Association  
Membership Secretary (elected office)  
Chair, Membership Committee Chair  
Member, Executive Board  
North Atlantic Serials Interest Group  
Ohio Health Sciences Library Association  
Health Sciences OCLC Users Group  
OhioLINK Database Management Standards Committee

#### **Continuing Education & Workshops**

"Word97: Tables, Forms, Templates," Medical College of Ohio, Toledo, OH - October 2000  
"Excel97: Beyond the Basics," Medical College of Ohio, Toledo, OH - October 2000  
"Excel97: Charts & Database Tools," Medical College of Ohio, Toledo, OH - October 2000  
"Basics of Grant-Writing," Medical College of Ohio, Toledo, OH - June 2001

#### **Training/Teaching**

Conducted multiple training sessions in use of automated library system with support staff and librarians at Mercy College & St. Vincent Hospital - August 2000-February 2001

#### **Meetings**

Midwest Chapter / Medical Library Association, Executive Board Meeting, Chicago, IL - March 2001

#### **Presentations, Publications, Posters**

"Frequency & Reliability of Internet Citations in the Health Sciences Literature: Report of a Pilot Study," poster accepted for presentation at the Midwest Chapter / Medical Library Association Annual Meeting, Milwaukee, WI - October 2001

## Staff Activities

### ***Lonnette Buczko, Night/Weekend Circulation Supervisor***

#### **Activities and Continuing Education**

"Welcome to Word 97"

"Word 97 : beyond the basics"

"Excel Basics"

"Excel Beyond"

"MEDLINE searching"

"MdConsult searching"

OhioLINK Regional Briefing, Bowling Green State University

Courses at Owens Community College:

"Principles of Mathematics;" "College Algebra"

### ***Janice Flahiff, M.L.S., Reference Librarian***

#### **Service**

Medical Library Association

Academic Library Association of Ohio

#### **Activities and Continuing Education**

Molecular Biology Information Resources - 8 CE hours (MLA)

OhioLINK Regional Briefing, Bowling Green State University

Introduction to the PDA - Library/CLRC

#### **Teaching**

OCCH 602: Research Methods: "Library/web resources" - Lecturer (2 contact hr.)

Introduction to MEDLINE - Lecturer

Introduction to CINAHL - Lecturer

### ***David Remaklus, M.B.A., Business and Access Services Manager***

#### **Activities and Continuing Education**

OhioLINK

Inter-Campus Services (ICS) Committee

PCirc Committee

OhioLINK Regional Briefing, Bowling Green State University

### ***Stephanie Robinson, Library Media Technical Assistant - Access Services***

#### **Activities & Continuing Education**

OhioLINK seminar, Bowling Green State University

MEDLINE training, CLRC

Courses at Owens Community College:

"Weather & Climate;" "English 111;" "Psychology;" "Chemistry 101;" "College Algebra"

MCO Committee or Volunteer Work

Brighten Up A Face Race participant

Patch Adams Location Committee Chairman

### ***Carolyn Sterling, M.Ed., Reference Associate***

#### **Activities & Continuing Education**

OhioLINK Regional Briefing, Bowling Green State University

### ***Ulonda Sweeney, B.S., Library Media Tech II - Acquisitions & Cataloging Assistant***

#### **Activities & Continuing Education**

CatME for Windows, OHIONET, Columbus, OH

OhioLINK Regional Briefing, Bowling Green State University