MEDICAL LIBRARY

ANNUAL REPORT

Prepared by:

Mr. R. M. Watterson Librarian January, 1972 The Library has made considerable progress toward its goal of improved and expanded service to its user population during the past year.

The Library was drawn into increasing numbers of cooperative activities during the year, either directly or indirectly. The Library is directly involved in the Kentucky-Ohio-Michigan Regional Medical Library Program and the Biomedical Communications Network.

The space needs for the Library continued to be acute. The Cataloging Department moved to the basement of Roche Hospital in order to provide an additional reading room for students and faculty.

AUDIOVISUAL SERVICES

Mr. Kenneth Flora, Supervisor of Audiovisual Services joined the Inter-University Council of Media Directors and has been attending all meetings. Association with this group has been most rewarding. In February, Mr. Flora attended portions of a three day seminar on the use of Leitz Equipment in Medical Photography. He initiated procedures that when completed will result in his enrollment as a Registered Biological Photographer.

The staff looks forward to moving into its newly acquired offices and laboratory the early part of February, 1972.

BIOMEDICAL COMMUNICATIONS NETWORK

There were 880 literature search requests in 1971.

Students	260
Residents and Interns	263
Faculty	170
Administrative Staff	6
Nurses and Social Workers	28
Pharmacists	6
Physicians (Private)	58.
Technicians	81
Other	. 8
Total	· 880

Current Awareness Service has been added for those who wish to update their searches.

BOOKSTORE

See Inventory Attached.

BUILDING COMMITTEE

The Library Committee for Building No. 3 is as follows:

Mr. R. M. Watterson Librarian

'Mr. Harold Bloomquist Consultant

Mr. Don Hisaka Don M. Hisaka & Associates, Architects

Dr. L. J. A. DiDio Chairman Department of Anatomy

Dr. William Easson Chairman Department of Psychiatry

Dr. Mark Rayport Chairman Department of Neurosurgery

Dr. Harold Haley Associate Dean for Student Affairs

Dr. Robert Page Dean

Mr. Milton Blunk Director, Special Projects

KENTUCKY-OHIO-MICHIGAN REGIONAL MEDICAL LIBRARY PROGRAM

The Library is actively involved in the three-state Regional Medical Library Program, and actively participates in the East Central Regional Medical Library Network. The purpose of this network is to improve the flow of biomedical information through local medical libraries to medical practitioners, researchers and educators throughout the region. The Medical College Library has assumed the responsibility of providing delivery of health science information to all members of the health profession in the northwest region of Ohio.

Graduate Studies Committee, Medical College of Ohio

Facilities and Construction Committee - Medical College of Ohio

Building 2 Committee - Medicai College of Ohio

Inter-University Library Council

Faculty Senate Reconnaissance Committee - Medical College of Ohlo

Consultant - Lima Memorial Hospital

Graduation Committee - Medical College of Ohio

Marshall - Medical College of Ohio

CONSULTANT

Mr. Watterson is consultant for the Lima Memorial Hospital. Their grant is to improve and build the book collection, up-date serials, train personnel, prepare a budget and acquire materials on a random basis. The purpose of this hospital library is to provide their professional staff with the recognized minimum of reference material, which physicians should have immediately available. The grant was approved and funded in the amount of \$3,000.00.

Plans are progressing to hire and train a librarian for the Lima Memorial Hospital Library. The training program will be held at the Medical College Library.

Mr. Watterson continues to be consultant for the Health Science Librarians of Northwestern Ohio.

COOPERATION

The Library continues to work closely with the libraries of The University of Toledo and Bowling Green State University. Students and faculty from all three schools have reciprocal library privileges. The Librarians from these three institutions meet regularly to discuss areas of acquisition, depth of collecting, and purchasing of special materials for references or back files of journals. Thus far this program has proved successful.

GOALS AND OBJECTIVES

Nationally there is a growing movement that medical care is not a privilege accorded to the affluent of our society but a basic right of all its members.

To provide the needed medical care an educational process must take place. This educational phenomena requires buildings consisting of laboratories, class rooms, dissecting rooms; buildings to house people, equipment and animals. The most important building being the Library. This repository for recorded knowledge is the most vital part of a college complex. Here is where the faculty members go to search the annals of medicine, to verify certain points and to check on current research and writings of their colleagues at other institutions. Here is where students go to read and learn from others who have collected, investigated, assimilated and distilled their knowledge into the written word. Here is where faculty and students meet and discuss as equals the scholarly aspects of their careers.

The Library of the Medical College of Ohio has the unique opportunity to initiate an entirely new approach to the educational process of faculty and students. Traditionally, library usage was rather formal and stilted. Classes of students, entering as a group, were thought of and treated as a group. Certain things were done for first year students, other privileges were granted fourth year students, while faculty had a different set of rules and privileges.

One of the basic objectives of the Medical College of Ohio at Toledo is the return of scholarly goals to the educational program and the instilling of the concept of continuing education in its students, those studying medicine or graduate students in advance degree programs. These programs, established in conjunction with The University of Toledo and Bowling Green State University, have already begun with the M.S. and Ph.D. degrees in biology, and further inter-institutional development is expected which might eventually lead to a common graduate school in northwestern Ohio. To achieve these aims, the proper atmosphere must be provided, and the Library is one area where the basic ingredients for such an atmosphere would be found. It must be the meeting ground for the entire user population of the Medical College. For this meeting ground to function properly there must be an integration of materials, ideas, and most important, people.

Libraries are a service branch of the parent institution. Once a collection is formed it is of little value unless used to its full capacity. To accomplish this, there must be experienced librarians to render assistance to those who need it, and more importantly, to teach the intricacies of medical bibliography, so that the user will not be awed by the amount of material available but will be able to deal with it intelligently.

The Library must be arranged to serve a variety of tastes and levels, from Phase I students to research scientists. It must not segregate materials or stratify its users. Any attempt to do so will only result in the dispersion of materials and users, and this will inhibit the flow of ideas and knowledge from level to level of sophistication. This in turn will result in maintaining the herd instinct inherent in many medical institutions: first phase students in awe of senior faculty or researchers. In a scholarly atmosphere one is treated as an equal, and knowledge is transmitted more effectively. Learning is a timorous process, and the Library is the ideal place to alleviate this feeling. Everyone enters the Library to learn, and it is hoped that each member of our community will learn from or teach the other. This is not to imply that factual material will be discussed at all times; there are certain nuances of knowledge that can be transmitted, which in turn will help reinforce the concept of learning.

The concept of the Library providing material for scholarly activities is not new only the uniqueness of our approach.

PROPOSED LIBRARY

The proposed Library is located at the center of the Medical College complex. The five level structure will house the Library, the administrative offices of the college, eating facilities, and student faculty lounges.

The objective of the student-faculty center is to provide a place where informal exchange of ideas and programs can occur. Student and faculty lounges as well as eating areas are designed to fulfill this purpose. When the medical college is totally operational, 600 undergraduates and an equal number of graduate and post-doctoral students, interns, and residents will use this area. In addition, there will be about 150 full-time faculty, and over 200 voluntary faculty who will be encouraged to use this facility.

A bookstore and student activities office will be located in the basement as will the kitchen and other support areas for the restaurant.

The basement of the Library will also contain offices for the accounting staff of the medical college. There will be a data processing area for the business affairs of the college. The main telephone switchboard, and the mail room for the college, with shipping and receiving facilities will be in this area.

All administrative offices which involve personnel and policies of the medical college are located on the first two floors of the library. Those offices having the greatest traffic flow are on the first floor (Associate Dean for Student Affairs, Registrar and Personnel Office). The second floor contains the offices of the President and those Deans and Associate Deans who are concerned with programs. In addition, the Vice-President for Administration, the Public Relations office and other support personnel have offices on this floor.

Located on the top three floors of the building, the Library will be essentially a "walking library" where the environment is such that the user may either walk up one flight or down one rather than use the available vertical transportation. Entry into the Library may be made at either the fourth or fifth level. Emergency exits excepted, there is only one exit, on the fourth level, for purposes of circulation control.

The Library is designed to provide total library service to the College complex, and will have a great effect on every department. It is ideally located in its proximity to Buildings #1 and #2, plus those to be built later.

An additional feature of the Library which presently is rather limited, but will increase in importance in its new quarters is the provision for editorial consultation to faculty and students. If any member of the college family wishes assistance in writing a paper there will be adequately informed staff members to assist. Manuscripts will be edited, galley and page proofs read and corrected. Indexes will be compiled for monographs and bibliographic citations investigated to insure accurateness and correct style for the chosen publication medium. This is a release of valuable time spent by researchers and faculty and would allow them to devote this time for additional scholarly purposes. It will give students more assurance in attempting their first venture into the printed record of medicine.

Part of the third floor of the Library contains services which are not open to the public. These non-public activities include the acquisition of monographs and serials, the cataloging and classification of Library materials prior to their general use, and the maintenance of the collection.

Also situated on this level are audio-visual carrels and a listening area. These carrels will be equipped to handle various types of audio-visual media, including the capability of viewing video tapes brought from Building #2 by cable. There are supporting storage areas and stacks nearby for the maintenance and circulation of these materials. Group viewing rooms are also provided for special seminars and for pre-viewing materials by the faculty. This area should be able to incorporate any innovative audio-visual methods. The lounge-type listening area is equipped with jacks for listening to recordings, lecture tapes, etc.

A mediated copy room for handling inter-library loan requests is located on this level. Departmental fascimile requests will be processed here.

Provision has been made for a data processing area for in-house activities such as maintaining and updating serial records. It will also provide space for future automated methods now evolving in medical libraries.

The fourth level contains a major function of the Library, for here is housed one of the main entries into the scholarly records of medicine; the reference collection, which includes abstracts, indexes, bibliographies and other reference materials.

This is the interpretive level of the Library, and students, faculty, practicing physicians, and researchers who need information, either single fact-type queries or exhaustive literature searches, will use this area. Reference librarians with expertise and experience in medical librarianship will be available for consultation.

The circulation desk is located on the fourth level, and serves as a control point for the entire Library. Also housed on this level are the Librarian's office, the Rare Book and History of Medicine collections. Although not actively collecting rare and costly materials, the Library has the obligation to preserve those received as gifts, and to teach its patrons that a rare book is not necessarily old or expensive.

The fifth level is the largest floor, containing the bulk of the collection and most of the seating space. Its dimensions and column-free construction make it extremely flexible, enabling the collection to be arranged in a logical manner, one that can easily be followed by a Phase I student or a senior faculty member. A variety of seating arrangements has been provided, including lounge areas, unassigned carrels, assigned carrels, and seating at open tables.

There is a coin-operated copy service on this level, and typing rooms. It is a desirable location for these facilities, since the bulk of the collection is nearby.

The sixth floor (or fifth floor mezzanine) has the functional capability of being completely stacked, or used for additional seating space until expansion of the collection warrants a complete stacking. This area can be reached by stairway or elevators.

Vertical transportation is available to every level of the Library, public elevators being keyed where necessary so that the user will exit from the fourth floor past the control point. There is an intra-library elevator serving the third through sixth levels. This elevator is keyed for all other floors, enabling the Library staff to use it as a service elevator.

The Library has formed close ties with the libraries of The University of Toledo and Bowling Green State University. Students and faculty from all three schools nave reciprocal library privileges. Cooperation between these three institutions involves areas of acquisition and depth of collecting. Transfer of limited runs of materials to the school possessing the greater volume or more appropriate need has already taken place. Consultations are held on the purchasing of special materials for reference, or back files of journals, so that the other two institution need not buy these items; for example, the Medical College Library has acquired the Science Citation Index to serve all three schools.

The assigned carrels should help to achieve the atmosphere described earlier. Hopefully the assignments of these carrels may be as follows: in a four-man area the mix may be a Phase I student, a post-doctoral candidate, a faculty member working on a time-limited project, and a local physician in a continuing educational program. Each carrel is entered from a communal, informal discussion area. It is here that conversation with mutual learning can be achieved.

Unassigned carrels are on a first-come first occupancy basis, as is the rest of the seating space. These carrels are designed so that they can be converted into four-man areas, two-man areas, or used singly. They are not permanently attached and can be moved to other locations in the Library.

The card catalog, the key to the monograph collection, is placed near the entrance to the fifth floor, since the bulk of the collection is housed on this level. There will be a reference librarian here at all times to assist the user. The reference desk will be connected by telephone to the fourth level reference department. An informal, non-medical leisure collection is housed near a lounge area, and current periodicals are located near the stairwell, adjacent to varied seating arrangements.

Provision has been made for seminar rooms on this floor. These can also be used for journal club meetings, group discussions, and the like.

Conferences have taken place concerning the possibility of establishing a central processing unit which would service the three state institutions in this area, thus relieving the Medical College from the necessity of purchasing expensive equipment and helping defray the cost of cataloging materials common to all.

The Library of the Medical College of Ohio has not been envisioned as a Library to fulfill only the needs and wants of the college, but has been conceived to serve the geographic area of northwest Ohio, and to provide, in its own manner, better health care to northwest Ohio.

MEDLINE

In October 1971 the National Library of Medicine initiated a new service, MEDLINE (MEDLARS On-Line), to provide an on-line bibliographic searching capability for medical schools, medical libraries, hospitals, and research institutions throughout the country. MEDLINE allows almost instantaneous searching of the medical literature.

The initial data base consists of all the articles in the top 239 medical journals indexed for MEDLARS since January I, 1969, with over 130,000 citations. This data is being expanded and will cover over 1,000 journals and contain over 300,000 citations. MEDLINE operates on the IBM 360/50 computer of the National Library of Medicine and can support up to 25 simultaneous users.

A data communication network facilitates access to the service. The initial phase of the network provides local numbers in Albany, New York; Cincinnati, Ohio; Atlanta, Georgia; Sacramento, California; Houston, Texas; and Denver, Colorado; special connecting lines will be extended from these network nodes to the Regional Medical Libraries and MEDLARS Search Centers. January, 1972, the network extended so that the computer could be reached by a local call in at least twenty major cities. Each user of the service pays for his own terminal and telephone costs.

The Library joined this network in December, 1971, and Mrs. Flor Hidalgo attended a three week training seminar in Bethesda, Maryland. The Library looks forward to the installation of its new terminal within the next few weeks.

NURSING

The Library has been purchasing books in the field of nursing. We are presently subscribing to all the major nursing journals. Use of the Library by nursing students has increased considerably.

PERSONNEL

The Library passed another year with a minimum of staff turnover.

REFERENCE

A total of 4,139 requests for library materials were received by the reference department.

Anatomy	311
Anesthesiology	40
Biochemistry	111
Library Staff	. 11
Mathematical Medicine	56
Medicine	101
Microbiology	56
Neurosciences	195
Ob. & Gyn.	25
Office of the Dean	10
Pathology	76
Pharmacology	1925
Physiology	89
Psychiatry	524
Radiology	11
Social Medicine	5
Students	262
Surgery	335
TOTAL	4139

Total supplied by MCO Library

1,579

Total Inter-library loan outside

2,560

Outside requests:

Requests from hospitals, universities, colleges, industrial firms, practicing physicians, law offices, etc., including the ten participating libraries in the Kentucky-Ohio-Michigan Regional Medical Library Program added up to 1,848. The Medical Library filled 1,579 of these requests and 2,560 requests were sent to other libraries in the region or to the National Library of Medicine. The filling rate of the Library is approximately 60%. This is up 10% from last years rate. However, the other medical libraries in the region are filling at a 75% + fill rate.

DOCTORS LIBRARY

	Received	Filled	Referred
January	77	36	41
Febru ary	34	19	15
March	67	44	23
April	57	23	.34
May .	37	25	12
June	53	35	18
July .	103	59	44
August	56	29	27
September	. 114	77	26
October ·	· 92	59	33
November	92	59 '	33
December	15	0	15

PROPOSED WORKSHOP

The Library has received a grant of \$2,500.00 from the Regional Medical Program to plan and hold a workshop for hospital librarians in northwestern Ohio in May of 1972. Discussions are underway involving all four medical schools in Ohio to hold this workshop in a centrally located area thus benefiting the entire state. There are plans to include Michigan and Kentucky in this workshop.

CURRICULUM VITAE

WATTERSON, Ronald Milton

Born:	March 21, 1933 - Butler, Pennsylvania
Marital Status:	Single
Education: 1955 - 1959 1959 - 1960	B.S. University of Pittsburgh, Pittsburgh, Pennsylvania M.L.S. Rutgers - The State University, New Brunswick, New Jersey
1960 - 1962	Graduate Work, University of Pittsburgh, Pittsburgh, Pennsylvania
Employment:	
1955 - 1958	Assistant, Circulation Department, University of Pittsburgh (Main Library), Pittsburgh, Pennsylvania
1958 - 1959	Library Assistant, University of Pittsburgh, (Medical Library), Pittsburgh, Pennsylvania
1959 - 1960	Council on Library Resources, Rutgers - The State University, New Brunswick, New Jersey
1960 -	Assistant to the Librarian, University of Pittsburgh, Medical Library, Pittsburgh, Pennsylvania
1960 - 1962	Librarian, Pittsburgh Plate Glass Company, (Glass Research Center), Pittsburgh, Pennsylvania
1962 - 1965	Assistant Librarian, University of Pittsburgh, (Medical Library), Pittsburgh, Pennsylvania
1965 - 1967 ,	Deputy Director, Welch Medical Library, Johns Hopkins University, Baltimore, Maryland
1967 -	Librarian, Medical College of Ohio at Toledo, Toledo, Ohio

Professional Societies:

American Library Association
American Association for the History of Medicine
American Society for Information Service
Medical Library Association
Ohio Library Association
Health Science Librarians of Northwestern Ohio

Military Service:

1953 - 1955 . United States Army, Special Services

BIBLIOGRAPHY

- 1. Watterson, R. M., "New Reference Tools." Chicago, M.L.A., 1966.
- 2. Johnson, Jo Ann and Watterson, R. M., "Working Paper No. 16" Kentucky - Ohio - Michigan Regional Medical Library, Detroit, 1970.
- 3. Watterson, Ronald M., "Shelving Current Journals; Another Approach", Bull. Med. Libr. Ass. 58(2) April 1970.
- 4. Watterson, R. M., "The Medical Library Association's Current Program in Continuing Education" in Proceedings of the Third International Congress of Medical Librarianship. Excerpta Medica 1970 Amsterdam, Page 308 314.
- 5. Watterson, R. M., "Relationship with the Health Science Community". Bull. Med. Libr. Ass. 59(2) 288 291, April, 1971.

CURRICULUM VITAE

HIDALGO, Flor N.

Born: February 17, 1932, San Juan, Rizal, Philippines

Married: Vincente_Hidalgo

Children: Two

Education:
1946 - 1950 University of Santo Tomas, Manila

1950 - 1955 University of Santo Tomas, Manila

Bachelor of Science in Chemistry

1955 - 1956 Graduate Studies, New York University,

New York, New York Organic Chemistry

1956 - 1957 St. John's University, Brooklyn, New York

Science Teaching

Employment:

1955 - 1957 General Foods Research Center

Tarrytown, New York

1957 - 1960 Zodiac Pharmaceutical Company, Manila

Head Technical Department

Professional Organizations:

University Chemical Society

President 1954 - 1955

CURRICULUM VITAE

SALLEY, Sarah Katherine

Born:

April 3, 1918 - Lebanon, Pennsylvania

Married:

Homer Salley

Children:

0ne

Education:

1935

Palmyra Pennsylvania High School

1935 **- 1937**

Lebanon Valley College, Annville, Pennsylvania

1940

Jefferson Hospital School of Nursing, Philadelphia, Pennsylvania

1959 1963

University of Toledo - part-time B.A. degree with English Major

1966

M.A. degree in Library Science

Experience:

1941 - 1942

Pennsylvania Crippled Childrens Hospital

1944 - 1946

Civilian Nurse, Indiantown Gap, Pennsylvania University of Toledo - Catalog Department - Library Assistant

1963

Assistant Cataloger

1966 1967

Faculty Rank - Instructor in Library Science

Honors:

Jefferson Hospital School of Nursing

Phi Kappa Phi - 1962 (National Honor, Society)

License:

R.N. - State of Pennsylvania

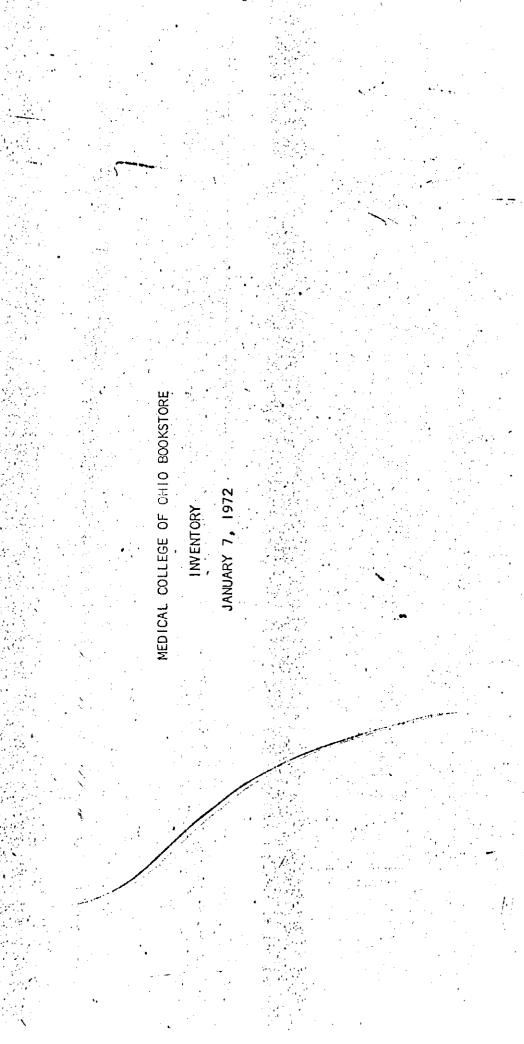
Membership:

Archaeological Institute of America

American Association of University Professors

Ohio Library Association American Library Association

Medical Library Association



Whse.			5.60			14.00		61.20	40.00	15.20	76.00		7.00	28.00	20.00	12.60	31,36	,	٠,	55.00	
Retail Inv.	\$23.00	5.80	7.00	2.25	2.25	14.75	00.61	76.50	50.00	00.61	95.00	77.00	8.75	35.00	25.00	15.75	39.20	178.50	178.50	69.75	·
Discount	•		20%	•	•	20%		20%	20%	20%	20%		20%	20%	20\$	20\$	20%			20\$	
-lnv		*		-	•••	Ŋ	7	ý	'	8	<u>°</u>	₹	- ,	7		-	4	51	15	Z.	
Retall Price	\$23.00	1.45	7.00	2.25	2.25	2.95	9.50	12.75	10.00	9,50	9.50	19.25	8.75	17.50	25.00	15.75	08.6	3.50	3.50	13.95	
6 +11	Orthopedic Diseases	Wayward Youth	X-Ray Technology	Fundamentals of Psychoanalysis	Psychosomatic Medicine	American Diabetes - V. 11	An Introd. to Projective Tech.	Synopsis of Pathology	Developmental Anatomy	Human Histology	Human Histology	Demonstrations of Physical Signs in Clinical Surgery	Diagnostic Microbiology	Psychopharmacology	Osteoparasis	Brays Clinical Lab. Methods	Synopsis of Gynecology	Teaching Program in Psychiatry - V. 1	Teaching Program in Psychiatry - V. 2	Clinical Nursing	
Author	Aegertor	Aichho	Alvārado	Alexander	Alexander	Amer. Diabetes	Anderson	Anderson	Arey	Arey	Arey	ВаПеу	Balley	Ban	Barzel	Bauor	Beacham	Beckett	Becket†	Beland	

Inv.		104.00		98.00	9.52	108.80	14.80	14.00	490.00	33.60	48.00	27.20	212.80	58.00		46.80	· .	,	
Inv. 819.00	142.35	130.00	22.50	122.50	06*11	136.00	18.50	17.50	612.50	42.00	00.09	34.00	266.00	72.50.	147.00	58.50	16.50	24.00	212.50
Discount		20%		20%	20\$	20%	20\$	20%	10%	20%	20%	20%	20%	20\$		20\$	* *		
Inv.	<u>2</u>	20	Š.	<u>o</u>	7	ω	2.		35	٠.		₹	78	'n	14	ý	ý	9	25
Frice \$15.75	10.95	6.50	4.50	12.25	5.95	17.00	9.25	17.50	17.50	7,00	10.00	8,50	9.50	14.50	10.50	9.75	2.75	4.00	ın 8.50
Title Immunology	Laboratory Diagnosis	Handbook of Obstetrics & Gyn.	Lecture Notes on Histology	Cardiovascular Physiology	Interns Manual	Physiology	Nursing Care of Children	Textbook of Histology	Textbook of Histology	Med. Exam. Review Book V. 5	Self-Assessment of Current Knowledge in General Surgery	Introduction to the Study of Disease	Basic Clinical Parasitology	Textbook of Medical-Surgical Nursing	Concepts of Disease	Cell Biology	Lecture Notes on Pharmacology	Autonomic Nervous System	Physiology and Biophysics of Circulation
Author Bellanti	BennIngton	Benson	Beresford	Berne & Levy	Berstein	Best	Blake	Bloom	Bloom	Bowers	Bowers	Воуд	Вгомп	Brunner	Brunson	Burke	Burn	Burn	Burton

Whse.	\$16.80	514.80	104.00	174.00	33.60	38.00	90.00		33.36	09.681					69.99			112.80	7.96
Retall Inv.	\$21.00	572.00	130.00	217.50	42.00	47.50	100.00	178.50	41.70	237.00	75.00	14.00	207.20	19.50	74.10	139.00	107.50	141.00	9.95
DIscount	20%	80-	20%	20%	20%	20%	80		20%	20\$			•		%01			20%	20\$
• Inv	M	. 22	20	29	9	ស	<u>o</u> .	21	9	ø	9		9		26	70	Ŋ	ø	
Retall Price	\$7.00	26.00	6.50	7.50	7.00	9.50	00.01	8.50	6.95	39.50	12.50	14.00	12.95	19.50	2.85	6.95	21.50	23.50	6.95
91111	X-Ray Technol. Exam. Rev. V. 2	Textbook of Medicine	Handbook of Medical Treatment	Correlative Neuroanatomy	Infectious Disease Case Studles	Comprehensive Review of Nursing	The Lung	Physiology of Respiration	Manual of Surgical Therapeutics	Cardiac & Vascular Diseases	Lecture Notes on Pathology	Medical Microbiology	Developmental Psychology Today	Progress in Clinical Medicine	ABC of Acid-Base Chemistry	Physiology of the Digestive Tract	Christopher's Textbook of Surgery	. Microbiology	Diagnostic Examination
Author	Caplan	Cacil-Loeb	Chattan	ChusId	Cobbs	1183	Comroe	Comroe	Condon	Conn	Cotton	Cruckshank	C.R.M.	. Daley	, Davenport	Davenport	Davis	Davis	DeGowin

Inv. Discount Inv. Inv.	. •	10.50 8.40	00.011	3 41.25	3 20% 41.25 33.00		2 20\$ 30.00 24.00	22 20\$ 390.50 312.40	16 20\$ 136.00 108.80	19 10% 256.50 230.85	00.001	30 20% 180.00 144.00	23.00	4 10% , 26.00 23.40	90.00	3 20% 35.25 28.20	4 20% 79.00 63.20		7 10\$ 20.65 18.59	2.95
TITIE	Respiration \$4.95	Majors Physical Diagnosis 10.50	Cell Blology	Textbook of Otolaryngology:	Textbook of Otolaryngology 13.75	Sphincters of the Digestive System 15.00	Sphincters of the Digestive System 15.00	Synopsis of Anatomy . 17.75	å Gyn.	Medical Dictionary . 13.50	ionary		The Dying Child	bed Adolescent	Merck Index	Fundamentals of Inhalation Therapy 11.75	Modern Surgery	Text of Neuroanatomy	Childhood and Society 2.95	1400+1fv: Youth and Crisis 2.95
Author	DeJours	Delp	DeRobertis	Deweese	DeWeese	DIDIo	01010	DIDIO	011145	Dorland	Dorland	Driesbach	Easson	Easson	Eaton	Egan	Egdahl	E1110##	Erikson	1 () () () () () () () () () (

	•	Q.	. 9	õ								209		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			60	. 08	# 1 1	60
whse.		57.20	7.36	37.80			•	•		:		17.60	•			Andrew Co	285.60	60.80		145.60
Retall Inv.	54.00	71.50	9.20	42.00	95.00	8.50	25.00	48.00	173.25	10.95	34.50	22.00	1.25	1.95	4.75	17.00	357.00	76.00	21.00	182.00
Discount		20\$	20%	\$01						1		20%					20\$	20\$		20\$
lnv.	. α			~	<u>o</u> .		in.	2	7	. <u></u> 3. **	2		•	- ',			42	6	9	26
Retall Price	6.75	6.50	9.20	6.00	9.50	8.50	5.00	24.00	24.75	10.95	1.50	22.00	1.25	1.95	4.75	17.00	8.50	4.00	3.50	7.00
91111	Nomina Anatomia	Physiology of the Nervous System	Clinical Judgment	Principles of Chest Roentgenology	Clinical Procedures	Maternity Nursing	Lecture Notes on Endocrinology	Pathology +	Comprehensive Psychiatry	Intro. to Steroid Biochemistry	Scientific American Offprints	Index of Differential Diagnosis	Ego of the 1d	New Introd. Lectures on Psycho.	Medical Interviewing	Heart-Lung Bypass:	Medical Physiology	Manters Manual of Clinical Neuro.	Lecture Notes on Bacteriology	Principles of Clinical EC6
Author	Excerpta Medica	Eyzaguirre	Feinstein	Felson	Fisher	Fitzpatrick	Fletcher	Florey	Freedman	Freedman		French	Freud	Freud	Froelich	Galletti	Ganong	Gatz	Giles	Goldman

Whse. Inv.	17,60	*	40.00	•	7.60			83.20	51.00		84.80	121.50		15.20	16.00	108.00	52.00
Retall Inv. 10.95 350.00	22.00	44.25	50.00	4.80	9.50	84.00	12.75	104.00	63.75	180.00	106.00	135.00	180.00	19.00	20.00	120.00	65.00
Discount 20%	20\$		800		20%			20%	20%		20\$	2 0 –		20%	20%	801	20%
- 1nv.		Ū	N	۷ ۷	-	12	Temp (2	11	24	4	in !	2	2	. 7	9	2
Retall Price 10.95 25.00	22.00	2,95	7.50	8	9.50	7.00	12.75	8.00	3.75	7.50	26.50	27.00	15.00	9.50	10.00	20.00	32.50
Title Immunology Pharm. Basis of Therapeutics	Syndromes of the Heat & Neck	Readings in Molecular Biology	Immunology	Anatomy Aids to the Invest. of Peripheral	Gynecology	Organ Physiology	Basic Human Physiology	Review Physiological Chemistry	Nucleus & Cytoplasm	Red Cell	Principles of Internal Med ine	Differential Diagnosis	Differential Diagnosis	Synopsis of Opthalmology	Textbook of Psychiatry	Diseases of the Chest	Arthritis & Allied Cond.
Author Good Goodman	Gorlin	Gratzer	Gray.	Gray Gr. Britain	Green	Guyton	Guyton	Harper	Harris	Harris	Harrison	Harvey	Harvey	Havner	Henderson	Hinshau	Hollander

Author	1110	Retall Price	-va	Discount	Retall Inv.	Whse.
Hubbard	Measuring Education	8.50	24	20\$	204.00	163.20
Humphrey	Immunology	10.50	4	20%	42.00	33.60
Hurst Company	The Heart	22.50	,	10%	67.50	60.75
lpsen	Bancrofts Intro. Stat.	9.50		20\$	104.50	83.60
Jaco	Patients, Physician and Illness	8,95	· `	20\$	8.95	7.16
Jacob	Structure in Man	8.75	9	20\$	52.50	42.00
Jawétz	Review Medical Microbiology	7.50	<u>6</u>	20%	142.50	114.00
Jones	Clinical Gastroenterology	21,50		20%	21.50	17.20
Judge	Physical Diagnosis	8.50	1		59.50	
Kabat	Structural Concepts in Immuno- logy & Immunochemistry	7.50	4		30 00	
Kasanin	Language and Thought in Schiz.	1.75			1.75	
Katz	Nerve, Muscle & Synapse	5.25	. 73	% 0.	10.50	4.73
Kemp	Current Pediatrics	00.11	26	7 %02	286.00	228.80
Krupp	Current Diagnosis & Treatment	00.11	. 92	20%	286.00	228.80
Krupp	Physicians Handbook	00.9	28	20%	168.00	134.40
Krusen	Handbook of Physical Med. & Rehab.	22.50	M		67.50	
Lavia	Principles of Pathobiology	7.95		20\$	95.40	76.32
Leeson	Histology	11.00	4		44.00	
Lehinger	Biochemistry	17.95	45	801	807.75	726.98
Levy	Maternal Overprotection	2.95	===		2.95	
		**************************************)		

Author	91111	Retall Price	lnv.	Discount	Reteil Inv.	Whse.
Lewis	Clinical Aspects of Child Dev.	\$4.75	9		\$28.50	
Lichstein	Hemodynamicists Ref. File	3.00	φ		18.00	
Liechty	Synopsis of Surgery	14.25	₹		57.00	
Lumley	Essential Anatomy	7.75	M	·	23.25	•
Lynch	Medical Lab. Tech. & Clin. Pathology	23.00	****	20\$	23.00	18.40
NGI Ivery	Blochemistry	16.50	۰		00.66	
, McLennan	_Synopsis of Obstetrics	9.50	m	20%	28.50	22.80
lenueM	Hematology Lab. Manual	00.1	44	20%	44.00	35.20
Manual	Hemostasis Manual	8	44	20%	44.00	35.20
Manual	Red Cell	8.1	43	20%	43.00	34.40
Manual 1	White Cell	1.00	45	20%	45.00	36.00
Marriott	Prac. Electrocardiography	8.50			8.50	
Masters	Human Sexual Inadequacy	12.50	7	20%	87.50	70.00
Masters	Human Sexual Response	12.50	ω	20%	100.00	80.00
Merck	Merck Veterinary Manual	11.25	v		67.50	
Merck	Merck Veterinary Manual	11.25	8	10%	22.50	20.25
Merck	Merck Manua!	6.00	4	20\$	24.00	19.20
Meyers	Medical Pharmacology	8.50	17	20%	144.50	115.60
Montagu	Touching	8.95		•	8,95	
Morgan	Clinical Approach to Patlent	9.75	2	801	126.75	114.08
· ·						

Surgery Surgery Pediatrics Textbook of Gynecology Gynecologic & Obstetrical Path. (Condensed) Gynecology Gynecology of Reproduction Physiology of Reproduction Preparation for the Study of Medicine A Functional Approach to Neuro. Study Wheels Companion to Medical Studies V. II Human Embryology Pathology Pathology Pathology Pathology Pathology Clinical Laboratory Medicine		DISCOULT TIME	Inv.
Surgery Pediatrics Textbook of Gynecology Gynecologic & Obstetrical Path. (Condensed) Gynecology Physiology of Reproduction Pulmonary Physiology Preparation for the Study of Medicine A Functional Approach to Neuro. Study Wheels Companion to Medical Studies V. II Human Embryology Pathology Physiology of the Kidney & Body Fluids. Clinical Laboratory Medicine	00	20% 130	•
Pediatrics Textbook of Gynecology Gynecologic & Obstetrical Path. (Condensed) Gynecology Physiology of Reproduction Pulmonary Physiology Preparation for the Study of Medicine A Functional Approach to Neuro. Study Wheels Companion to Medical Studies V. II Human Embryology Pathology Pathology Pathology Clinical Laboratory Medicine	00		
Gynecologic & Obstetrical Path. (Condensed) Gynecology Physiology of Reproduction Pulmonary Physiology Preparation for the Study of Medicine A Functional Approach to Neuro. Study Wheels Companion to Medical Studies V. II Human Embryology Pathology Physiology of the Kidney & Body Fluids. Clinical Laboratory Medicine		10% 451	.50 406.35
Gynecologic & Obstetrical Path. (Condensed) Gynecology Physiology of Reproduction Pulmonary Physiology Preparation for the Study of Medicine A Functional Approach to Neuro. Study Wheels Companion to Medical Studies V. II Human Embryology Pathology Pathology Physiology of the Kidney & Body Fluids. Clinical Laboratory Medicine	50		90.00 72.00
Physiology of Reproduction Pulmonary Physiology Preparation for the Study of Medicine A Functional Approach to Neuro. Study Wheels Companion to Medical Studies V. I. Human Embryology Pathology Pathology Clinical Laboratory Medicine	0) 00		 .
Physiology of Reproduction Pulmonary Physiology Preparation for the Study of Medicine A Functional Approach to Neuro. Study Wheels Companion to Medical Studies V. II Human Embryology Pathology Pathology Physiology of the Kidney & Body Fluids. Clinical Laboratory Medicine	50 5		
Pulmonary Physiology Preparation for the Study of Medicine A Functional Approach to Neuro. Study Wheels Companion to Medical Studies V. I. Human Embryology Pathology Pathology Clinical Laboratory Medicine	00	20% 60	.00 48.00
A Functional Approach to Neuro. Study Wheels Companion to Medical Studies V. I. Human Embryology Pathology Physiology of the Kidney & Body Fluids. Clinical Laboratory Medicine	00	· \	
Study Wheels Study Wheels Companion to Medical Studies V. I Companion to Medical Studies V. II Human Embryology Pathology Physiology of the Kidney & Body Fluids Clinical Laboratory Medicine	95 10		
Study Wheels Companion to Medical Studies V. I Companion to Medical Studies V. II Human Embryology Pathology Physiology of the Kidney & Body Fluids Clinical Laboratory Medicine	50		
Companion to Medical Studies V. I. Companion to Medical Studies V. II. Human Embryology Pathology Physiology of the Kidney & Body Fluids. Clinical Laboratory Medicine	95		7.80 25.02
Human Embryology Pathology Physiology of the Kidney & Body Fluids Clinical Laboratory Medicine	- 00	20\$	
Human Embryology Pathology Physiology of the Kidney & Body Fluids Clinical Laboratory Medicine	3		3.00 38.40
Pathology Physiology of the Kidney & Body Fluids. Clinical Laboratory Medicine	50 16	•	280.00 224.00
Physiology of the Kidney & Body Fluids. Clinical Laboratory Medicine	00 2	20%	14.00
Clinical Laboratory Medicine	.95 8		55.60 44.
	.95 2		17.90 14.32
•	0.00	301	90.00
Redlich Theory & Practice of Psychiatry 12.50	.50		12.50 10.00

Whso.	00.9	36.90	138.00		18.96			•		44.40	89.6	13.20	19.20	57.60	24.00	28.00	19.20	24.00	11.20
Retail Inv.	7.50	41.00	172.50	6.95	23.70	13.90	102.00	2.65	72.00	55.50	10.75	16.50	24.00	72.00	30.00	35.00	24.00	30.00	14.00
Discount	20\$	501	20%		20%		•			20%	10%	20\$	20\$	20%	20%	20%	20%	20%	20%
Inv	-	7	30	•	• • • • • • • • • • • • • • • • • • •	2	ø		12	М		• • • • • • • • • • • • • • • • • • •	4	12	'n	īV	4	ĸħ	7
Retall Price	7.50	20.50	5.75	6.95	3.95	6.95	17.00	2.65	00.9	18.50	10.75	16.50	00.9	00.9	00.9	7.00	00.9	00.9	7.00
	Atlas of Descriptive Histology	Pathology	Eleven Blue Men	Death & Dying	Intro. to Biochemistry	Everything You Always Wanted to Know	Textbook of Biophysics & Physiology	Communication	Organ Physiology	Cardiovascular Dynamics	Synopsis, Ear, Nose & Throat	Medical Licensure	Anatomy	Biochemistry) Microblology	Pathology	Pharmacology	Physiology	Basic Sciences
Author	Re ith	Robbins	Roueche	Ross	Routh	Ruben	Ruch	Ruesch	Rushmer	Rushmer	Ryan	Rypins	Review Books						

Author		Retail Price	lnv.	Discount	Retall Inv.	Whse.
Salter	Textbook of Disorders & Injuries	19.75	ω	20%	158.00	126.40
Sandritter	Atlas & Textbook of Tissue	21.00	4		84.00	
Sawin		9.75		20\$	78.00	62.40
Schiff	Diseases of the Liver	39.50	8	20%	79.00	63.20
Schwartz	Principles of Surgery	29.50	L	20%	206.50	165.20
Selkirk	Physiology	9.50	50	20%	00.061	152.00
Shambaugh	Surgery of the Ear	32.50	8	20%	65.00	52.00
Shearer	Manual of Human Dissection	9.50	36	20%	342.00	273.60
Shellhamer	Anatomy of the Head and Neck	4.95	7		34.65	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Sherlock	Diseases of Liver	18.50	Ŋ	20%	55.50	44.40
Silver	Handbook of Pediatrics	6.50	7	20%) 00 0II .	88.40
Slomin	Respiratory Physiology	10.00	7	20%	70.00	56.00
Smith	Principles of Microbiology	06.6	M	20%	29.70	23.76
Smith	Zinsser - Microbiology,	22.50	6	20%	427.50	342.00
Smith	General Urology	8.00	m	20%	248.00	198.40
Solomon	Handbook of Psychiatry	7.50	43	20%	322.50	258.00
Squire	Exercises in Diagnostic Radiology V. I	4.95	9		29.70	
Squire	Exercises in Diagnostic Radiology V. 2	4.95	/ 9		29.70	
Stanler	Microbial World	15.95	9	, %01	95.70	86.16
Sullivan	Interpersonal Theory of Psychiatry	2.95			2.95	
		•				

				*.	, ·	1. A.	
a •	8	8	٠	00.01		er ari Hiji ya es	
Whse.	90.00	42.00	•	0			
11e	112.50	52.50	00.0	12.50			
Refall Inv.	112	52	~%· -				
<u>.</u>	•	, .		: \ \ \ .			
Discount		•					
)isc	20%	20%		20%			
	\ \ \						
>	•		1				
<u>s</u>	5 5	W.	7	-			
•		,					
					e e		
= al	0.0			0	•		
Retal Price	22.50	17.50	4.50	12.50			
æ ⊡ I			. -,		4:		
			:				
	A mo		•				
	Anatomy	>		νgο			
	C	atom		chol			
	Ī.,	A		Psy			
	+	Essentials of Human Anatomy	γgo	History of Medical Psychol			
	†	of G	Applied Physiology	Med i			
	\b6	s s	Phy	o To		no. 🤰	and the second s
0	tole	s c	ied	tory			
	Hematology	Essentials of Human Anaton	АррІ	S E		TALES Nation	
	,00			J.			
	•						
			/ '				en de jague de la companya de la co En la companya de la
	ا د د ا	Wolf-Heldegge Woodburne	:	-			of the state of th
<u>ال</u> م	Wintrobe	Wolf-Helde Woodburne	p‡.	Zilboorg			
Author	√int.	± 100 2004	Wrlght	4115		ing ing ing California North N	
~ 1)	. محت	 مر					
							•

ES.	
SUPPL	
SOOS	
LANE	
SCELLANEOUS	
=	

As the second	Price 25	.25	55.	.25	.25	0K.	.30	.30	٠ <u>٠</u>	O.	2 5	0	0.	<u> </u>	0.	. 08 . 1	. 99•	1.55			70.	2.70	45	96	2/.25	1.66	.37	80.	300	40	£ =	25	7		,			
						•	•			1													-						,					•			. 14 . 4	. •
		<u>o</u> .	° <u>0</u>	ω.	11	63	5	79	7	2	74	. 452	200	57	225	5 8	21	<u>o</u> :	8 <u> </u>	25	7 =	<u> </u>	53	61	47.	(29	3 2	4 00	76	2	-						
								•	•												•		•		•													
										•																			,									
UPPLIES	9	vy v	• •	, , , , , , , , , , , , , , , , , , ,	, ₍	Ø	S I	vs vs		books		(Cauco)		'ر :	AT 1	T KOT				;	rt.					<u>.</u>	• • • • • • • • • • • • • • • • • • • •		S		•							
MI SCELLANEOUS SUP	775 book covers	100 book cover s 100 book cover s	925 book covers	75 hook covers	book	500k		1150 book covers		University notebooks	brief covers	ø	medlum	small:		Vinyi instrument books	00e	Science	issors 5 1/2"	:	1 9	Forceps 5 1/2"	Needles	Ruler	Scalpel Blades	Indexes	notebooks	comp. books	oncil sharpeners	hi-liters_	rulers	tape (scotch)						
E	1	in or	on c	.	9	9		* ****	,	'n	<u>م</u>	<u>~</u>				- ù) N	Sci	For	For	P.	Nee	Ru	SCO	ביים ביים ביים ביים	Tou	COJ		ż	ruî	Tap				,	,	