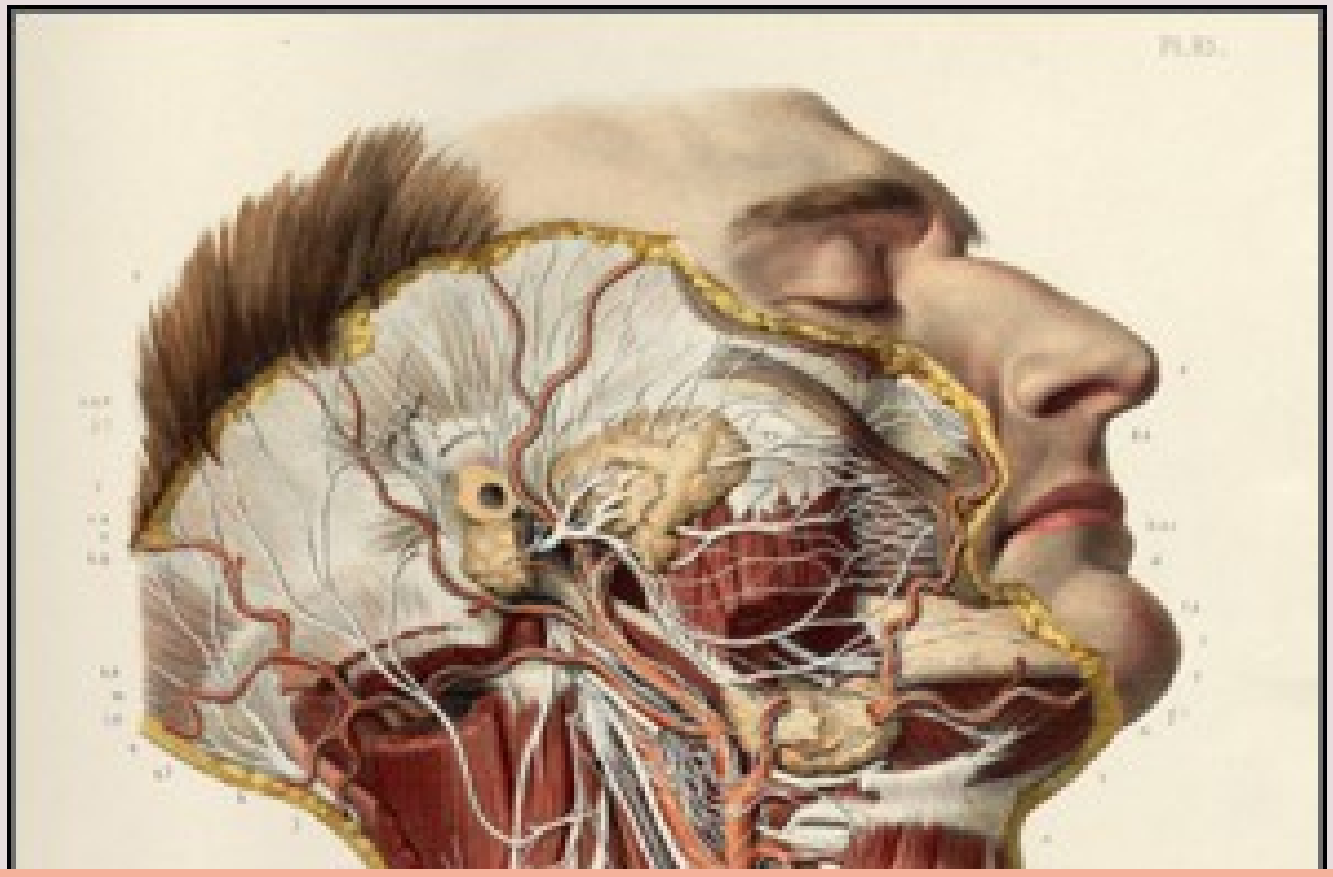

Carpenter Library Annual Report

2010-2011

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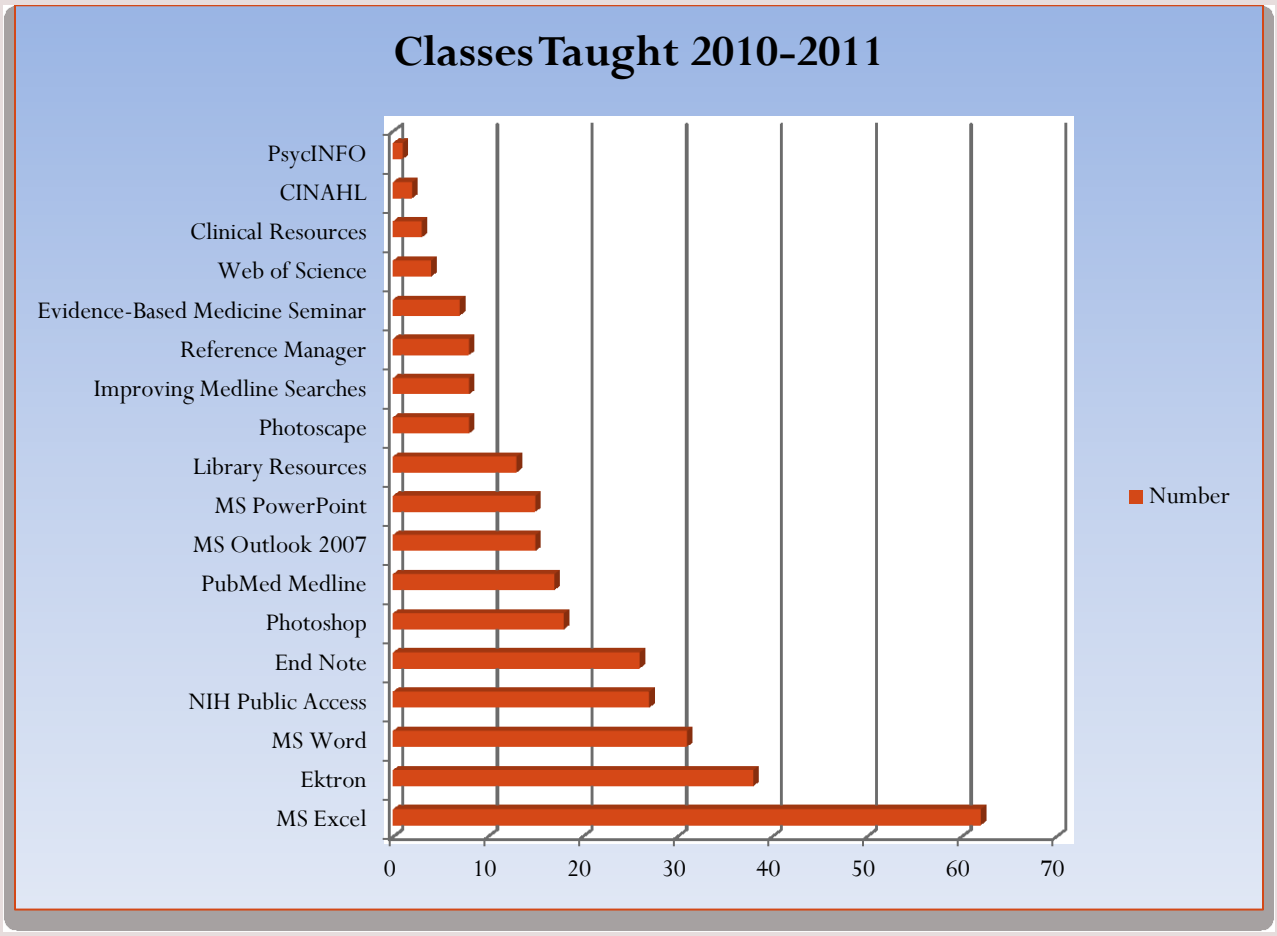
EDUCATION GOALS

Under the leadership of Dr. Suzanne Edmunds, the Librarians participated in a prospective study designed to evaluate the influence of the Personal Librarian (PL) on student performance in the first year students' Case Centered Learning (CCL) class during Block II. At the end of the first year, the students undergo a Standardized Patient Assessment (SPA) exam, one aspect of which traditionally has been to evaluate the students' performance on information retrieval. The study created an intervention by librarians to enhance information retrieval and citation skills. For the intervention, the researchers selected six task questions suitable for formulation of an in-depth literature search and that were dispersed over the course of Block II. Students submitted results to their PL after the Monday small group session and then received feedback from the PL before they reconvened in small groups on Friday. Students were asked to document each search step and to submit two bibliographic citations; the librarians, in turn, evaluated the students' effort. For the study, a Learning Issue (LI) from the SPA was selected for review and scored by the librarians according to the same criteria as the task questions during Block II. In order to provide a control ("no intervention") group, the librarians scored the same LI from the SPA conducted the year prior to the study. The students in each class were given the same instructions verbatim regarding procedure and documentation of their literature searches. The comparison data will be studied to determine if librarian involvement had a positive influence on the quality of students' information retrieval performance.

The Library's educational program expanded rapidly over the past year. Communications, Marketing and Media asked the Library to train Medical Center staff responsible for the creation and maintenance of departmental web pages on the Ektron Content Management software.

Since April 2008, all NIH-funded researchers have been required by law to submit an electronic version of the final, peer-reviewed (accepted for publication) manuscript resulting from such research, to the National Library of Medicine's **PubMed Central**. The process of uploading these documents necessitated training a large number of administrative staff as well as researchers. The Office of Research asked the Library to conduct this training.

The Library again participated in the Medical Education Research Certificate (MERC) program. A librarian taught a class on literature searching to faculty of the Physician Assistant Studies program.



Information Services requested additional MS Excel, MS Word, and MS PowerPoint classes to be taught to staff trainers for the upcoming installation of the EPIC electronic medical record system (scheduled to go live in 2012).

The Library initiated a ***Learn over Lunch*** program. The idea behind the program was to engage Medical Center staff during the lunch hour in a less formal setting where participants could, over lunch, gather new information. ***Lunch and Learn*** topics included "*Impact Factors*"," *How to Create a Research Poster*", "*New Technology*" (iPad, iPhones, Droids, Smart Pens, Sony and Kindle book readers), and "*Social Media*".

A librarian is now assigned to the PA Studies program. Since the PA program is located down town, the Library felt a presence at Victoria Hall would be helpful. The PA liaison is regularly scheduled to be in the department to answer questions students might have about locating information for research or patient care, demonstrating new library resources, sharing of new library services and programs, providing course-specific or assignment-specific instruction, and providing writing help for research papers or theses.

She joins other Carpenter librarians already offering liaison services to the Internal Medicine Department, Family Medicine Department, and Nursing Research Council. In addition to its liaison program, the Library is in direct contact with over twenty Medical Center departments providing software support, instruction, and searching assistance.

The University of North Carolina-Greensboro's School of Library Science and Information asked the Library to give an online lecture on medical resources to its students. This is a continuation of our efforts last year to create a closer relationship with the UNC-G LIS program in order to foster more interest in medical librarianship. One of the students in this program created a Zotero training video. Zotero is a freely available bibliographic management program used with the Mozilla Firefox web browser. Dr. Dwayne Godwin of the Graduate School has requested that all matriculating WFU graduate students be introduced to this product, so this video will be most helpful in providing additional information.

Carpenter Library continues to support the statewide NC Health Info project based at the Health Sciences Library at UNC-CH. Night and weekend staff are now updating web pages by verification of data and assigning topic headings. Librarians continue to be involved as subject editors responsible for updating pages dealing with Heart Disease, Stroke, Sexually Transmitted Diseases, Men's Health, Learning Disorders, and Healthy Living.

The Library sponsored a NLM-taught class on PubMed searching techniques. Several NorthWest and Greensboro AHEC librarians attended.

The Library acquired four iPads and two Macbooks to provide Medical Center faculty and staff the opportunity to "test drive" them before purchasing one on their own. Several faculty used the opportunity to experiment on how they might be utilized in the curriculum or in clinical practice.

Building on last year's renovation of existing space and seeking to increase current study space, the Library rearranged stacks carrels and outfitted the three floors of the stacks with electrical outlets and a wireless network. There are now 20 desks on the 6th, 5th, and 4th floors providing additional student study space equipped with electricity, lamps, and wireless access.

RESEARCH GOALS

Since many Medical Center departments are moving away from Hawthorne Hill, the Library now provides free copies of library-held materials to faculty and staff that are located elsewhere.

The Nursing Publications Database is now searchable by name, key-word, department, or publication type to find articles or poster presentations produced by WFBH nurses since 2004. The Nursing Publications web page is located on the Carpenter Library's web site under "Research & Publishing." Information on how to submit publications can also be found there.

The Library added **JoVE**, a new type of scientific journal that publishes online video demonstrations of biological experiments. It is the first video journal to be indexed in PubMed.

The University recently purchased a site license to the Springer Protocols collection which provides access to 30 years (1980-2010) of scientific protocols. This collection of peer-reviewed life sciences protocols contains step-by-step procedures that enable researchers to reproduce laboratory experiments. Protocols are taken from a variety of Springer publications including books and journals. A few video protocols are also available. Subjects covered include: *Biochemistry*, *Bioinformatics*, *Biotechnology*, *Cancer Research*, *Cell Biology*, *Genetics/Genomics*, *Imaging/Radiology*, *Immunology*, *Infectious Diseases*, *Microbiology*, *Molecular Medicine*, *Neuroscience*, *Pharmacology/Toxicology*, *Plant Sciences*, *Protein Science*.

The Dorothy Carpenter Medical Archives continues to provide assistance to other departments. The Archives helped the departments of Alumni Affairs and Regenerative Medicine identify, select, and display objects from the collection of antique medical instruments donated by Dr. John Monroe. The display is housed in the lobby of the Richard Dean Research Building.

Leech Box

Bleeding Bowl

The Archives were given several new collections including Bowman Gray alumnus Dr. Thomas Marshburn's memorabilia from his flight on NASA's space station in 2009: http://www.wakehealth.edu/Library/Collections/Dorothy-Carpenter-Medical-Archives-Exhibits.htm

Dr. Jesse Meredith gave the Archives several surgical objects he utilized during his groundbreaking tenure as surgeon at North Carolina Baptist Hospital.

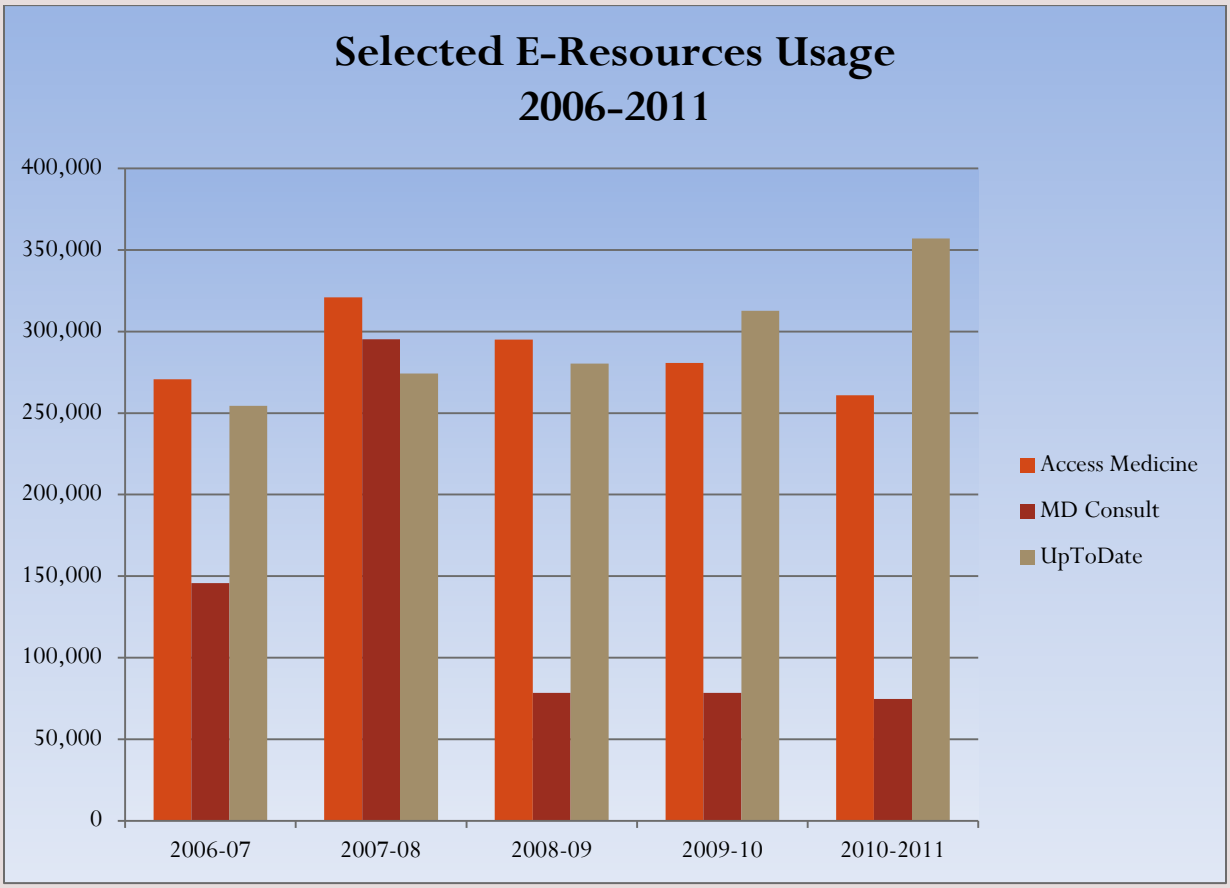
Cardiac Pacemaker

Pump Valve

CLINICAL GOALS

The library purchased *NeoFax*, a module of Micromedex 2.0 that is designed to help clinicians accurately prescribe, calculate, formulate, and administer essential drugs and parenteral nutrition solutions for infants. By providing complete neonatal drug information covering more than 180 substances, *NeoFax* helps reduce medication errors and decreases time spent ordering and compounding.

The Library renewed *UpToDate* and made it available off-campus. Previous access was on-campus only. This clinical resource continues to be one of our most heavily used resources.



Clinicians' accessing *UpToDate* through Centricity and Carecast can earn .5 AMA PRA Category 1 continuing education credit for each topic searched in *UpToDate*.

MD Consult offers continuing medical education credits through the Cleveland Clinic Center for Continuing Education. Physicians may earn 0.5 AMA PRA category 1 credits for each search conducted. Physicians can also receive up to 5.0 hours of Category 1 credits by attending live online conferences administered by the Cyberounds Committee at the Albert Einstein College of Medicine.

Effective March 30, 2011, the Wake Forest School of Medicine is providing all alumni of our MD and Physician Assistant programs free access to DynaMed. This EBSCOhost product is available through a collaborative effort of the Office of Development & Alumni Affairs and Coy Carpenter Library. DynaMed is an evidence-based, clinical reference tool created by physicians for physicians and other health care professionals for use primarily at the point-of-care. It contains clinically organized summaries of more than 3,000 topics and is updated daily from review of research literature.

PUBLICATIONS AND OTHER SCHOLARLY ACTIVITIES

Stewart, DC. Medicine: andrology. In: Thompson LL, Higa ML, Carrigan E, Tobia R, eds.*The Medical Library Association's master guide to authoritative information resources in the health sciences.* New York: Neal-Schuman Publishers; 2011:123-125.

Stewart, DC. Surgical specialties: urology. In: Thompson LL, Higa ML, Carrigan E, Tobia R, eds. *The Medical Library Association's master guide to authoritative information resources in the health sciences*. New York: Neal-Schuman Publishers; 2011:347-350.

Stewart, DC. Medical specialties: nephrology. In: Thompson LL, Higa ML, Carrigan E, Tobia R, eds. *The Medical Library Association's master guide to authoritative information resources in the health sciences.* New York: Neal-Schuman Publishers; 2011:235-238.

Stewart, DC. "Finding new ways to support the creative life of an academic medical center: Developing a Nursing Publications Database". [Presentation]. Medical Library Association Annual Meeting. May 15, 2011, Minneapolis, Minnesota

The Evidence-Based Practice Education Center of Excellence web site was listed in the webliography on the Cochrane Database site. Cochrane only lists those sites that "represent an overview of the most important print and online resources for evidence-based healthcare and medicine". Janine Tillett is one of five contributors to the web site.

STATISTICS
2010-2011

LIBRARY COLLECTION *(Volumes)*

Books
24,513

Serials
115,929

Audiovisuals
1,595

Microforms
1,582

Software
497

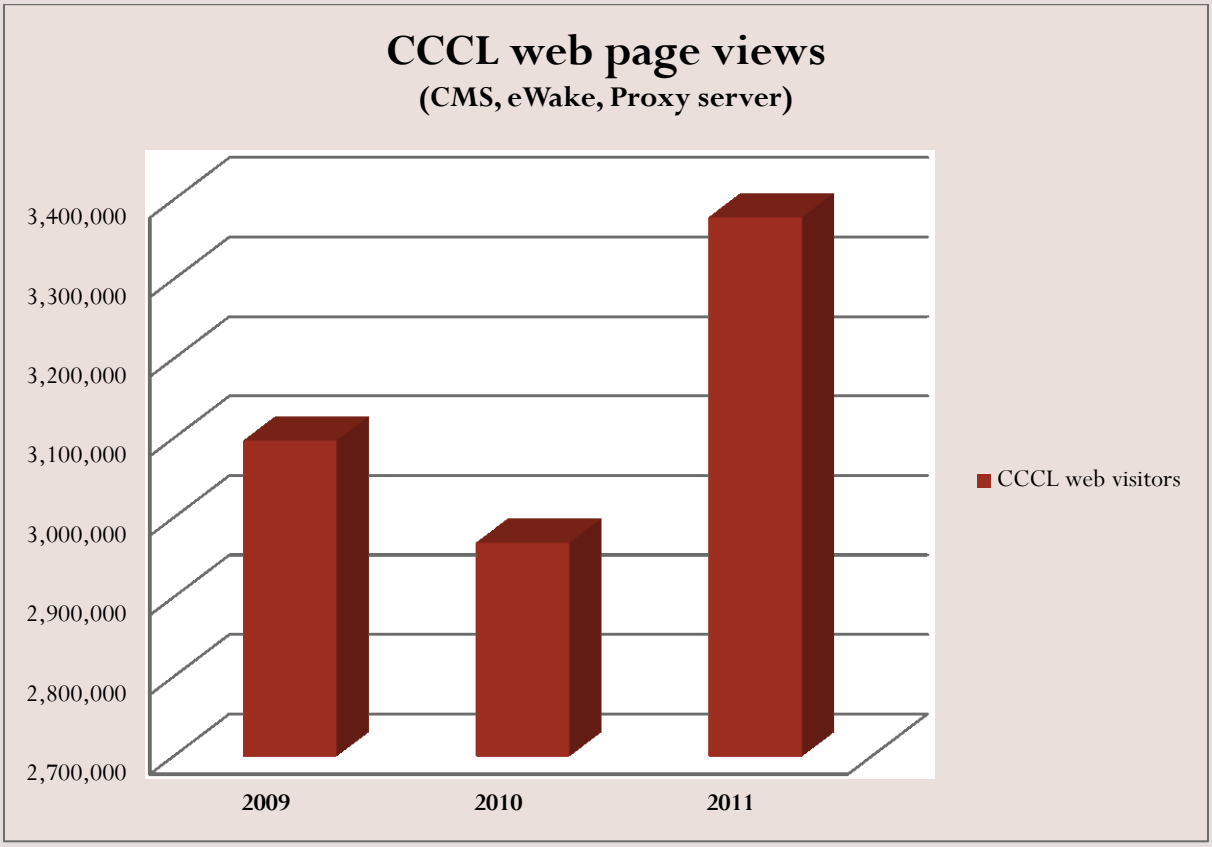
Total Library Collection
144,116

PERIODICALS & SERIALS SUBSCRIPTIONS
(includes electronic subscriptions)
4,614

COLLECTION USE

(includes electronic resources)

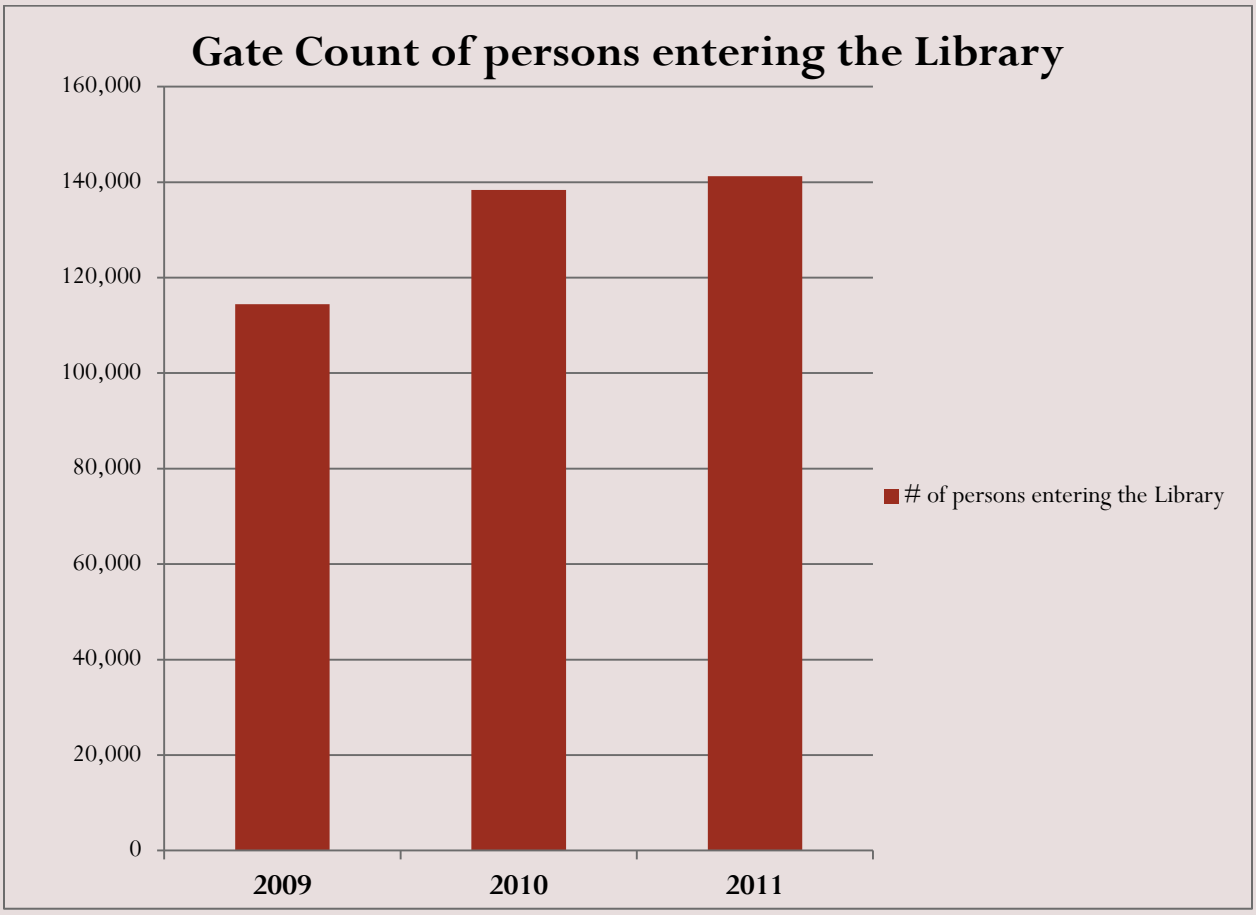
2,203,884



PHYSICAL GATE COUNT

(The number of persons counted entering or leaving the Library)

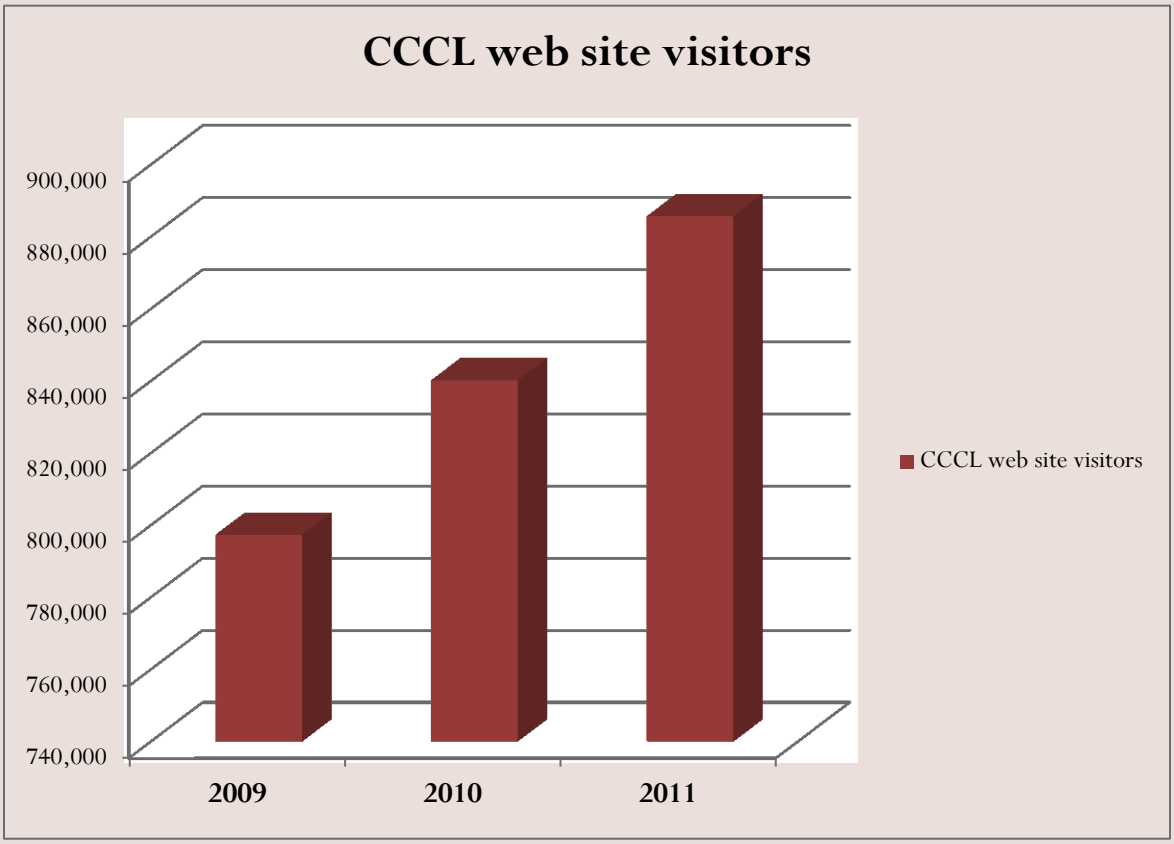
142,823



ELECTRONIC GATE COUNT

(The number of persons counted entering the Library's Web site)

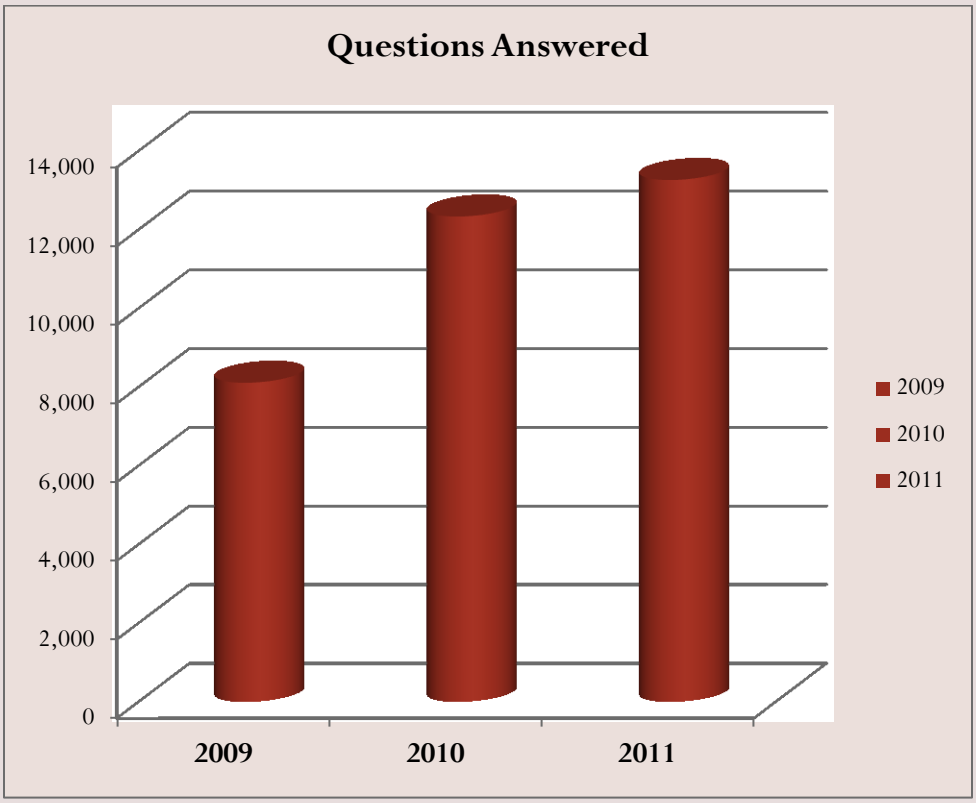
829,156



INFORMATION DESK STATISTICS

Reference Questions = **4,523**

Directional Questions = **9,445**



Librarian-Mediated Searches
222

Photocopier Use: No. of Copies/Printouts
946,046

DOCUMENT DELIVERY STATISTICS

Photocopy Requests
2,397

Photocopier Use *(number of copies)*
62,168

INTERLIBRARY LOAN TRANSACTIONS

Borrowed
927

Loaned
7,678

LIBRARY QUARTERS

Total Square Feet, Net

32,108

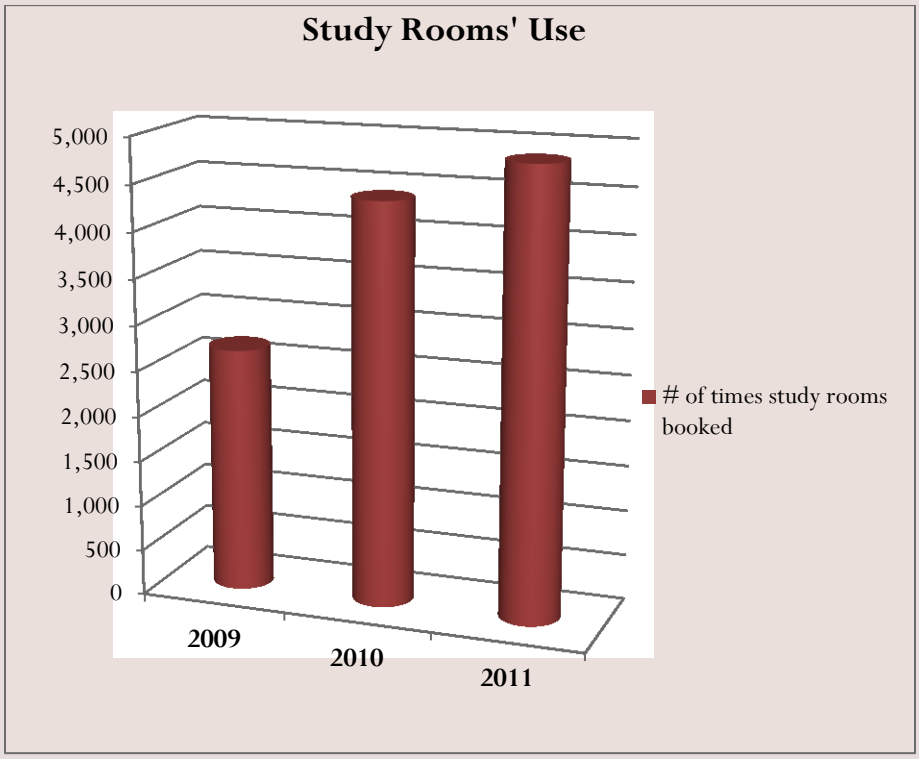
Total Seating Capacity

254

Number of study seating

(reading, lounge, carrels)

175



Number of Network Connections

158

Number of Public Workstations

53

Gray Collection Volume Capacity

159,220

Piedmont Collection Volume Capacity

36,000

Total Volume Capacity

195,220

STAFF ROSTER

ADMINISTRATION

Name	***Library Position***
Welch, Parks	Director
Huskey, Joanna	Administrative Manager

ADMINISTRATIVE FACULTY

Name	***Library Position***
Barnett, Molly	Associate Director, Technical Services
James, Julie	Technical Services Librarian
Johnson, Dianne	Archivist
Kramer, Rochelle (.75 FTE)	Reference Librarian
McKone, Mark	Technical Services Librarian
Poston, Bonnie	Collection Dev./Serials Librarian
Sapp, Lara	Reference Librarian
Stewart, David	Associate Director, Public Services
Tillett, Janine	Head Reference Librarian

STAFF

Name	***Library Position***
Booe, Beverly	Serials/Bindery Manager
Chilton, Lesa	Library Assistant II
Clark, Darryl	Bookstore Manager
Dancy, Catherine	Library Assistant II
Doane, Hilary	Library Technical Assistant

Garnett, Monica	Archivist Assistant
Grice, Jamall	Library Assistant II
Jacobs, Lynette	Library Assistant II
Little, Virginia	Library Assistant II
McBride, Kim (.75 FTE)	Computer Support Technician
Norwood, George	Reference Assistant
Parker, Carol (.8 FTE)	Library Assistant II
Perkins, Russell	Cataloging Assistant
Powell, Brenda	Library Assistant II
Rigby, Deborah (.9 FTE)	Editorial Assistant II
Rodman, Herbert	Circ/LRC Manager
Spedding, Laura Lee (.8 FTE)	Library Assistant II
Steelman, Helen	Library Assistant II