

Carpenter Library News

Badge Access Coming

The Library will change to a badge-only access entrance in the near future. This was recommended by Security as a response to the Fire Marshall's new interpretation of the rules governing emergency exits within the Library.

Medical Center employees will need to swipe their badge to activate the library's main entrance door. Visitors will press a buzzer and be let in by the Library's circulation staff. Visitors to the Library will need to produce identification and sign in at the Circulation Desk. We hope that no one will be greatly inconvenienced by these new measures, and we are hoping to create a greater degree of security than in the past.

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Archives News, Collections & Grant

Monica Garnett moved to the Archives from her reference assistant position in July 2006. In the Archives, she has been organizing various collections, studying WFUBMC history, and learning new software and equipment for the digitization grant. The Archives staff continues to learn about digitizing collections, especially photographic ones, to make them more accessible to patrons. The latest additions include Medical School Admission tickets from the 1800s. The collection was purchased by the Library in the late 1980s and has been a part of the History of Medicine collection.



The second collection is the photograph collage on the wall in North Tower. The staff was trying to preserve the look of that hallway on the Main Floor of North Tower in case it ever changes. Please help us identify these photographs.

All the Online Exhibits, including buildings and NCBH School of Nursing histories, can be accessed through the homepage at <http://www.wfubmc.edu/library/archives>.



The Archives staff, along with some Library personnel, is participating in a three-year collaborative digitization grant to create a computerized photographic history of Forsyth County. The Dorothy Carpenter Archives staff will contribute 900 photographs over the three-year, \$225,000 "Digital Forsyth" project. Currently, the staff is learning the software and equipment, as well as pulling and identifying photographs. Participating institutions are Z. Smith Reynolds Library on the Reynolda campus, Winston-Salem State University's C.G. O'Kelly Library, and the Forsyth County Public Library.

North Tower Photo History
Panel 14 of 49 Panels

For more details about the "Digital Forsyth" project, see the December 14, 2006 issue of *Infinity*.

MEDLINE Turns 35!

October 2006 marks the 35th anniversary of MEDLINE (MEDLARS Online). How far have we come in 35 years? Let's open the two time capsules, one comparing MEDLINE then and now, and the other comparing current events in 1971 and today.

MEDLINE Time Capsule	
1971	2006 (Fiscal Year 2005 Statistics: October 2004-September 2005)
<ul style="list-style-type: none"> 236 indexed journals; grew to 1,222 journals by September 1972 147,000 total citations for MEDLARS since January 1, 1969; grew to 490,000 by September 1972 22 users 70,000 searches/year by June 1972 Operated on an IBM 360/50 mainframe computer Available via dial-up telecommunications 	<ul style="list-style-type: none"> 4,928 indexed journals 606,000 citations indexed; 13,476,222 total citations 77 million PubMed unique visits 754 million PubMed searches PubMed/MEDLINE runs on 20 Dell PowerEdge 1850 servers, 2 CPU 8Gb RAM, with the Linux operating system in 64 bit mode Available via the Internet World Wide Web

Current Events Time Capsule	
1971	2006
<ul style="list-style-type: none"> NASA Mariner 1 arrived at Mars - the first spacecraft to orbit the Red Planet. Chemistry Nobel Prize awarded to Gerhard Herzberg, Canada, "for his contributions to the knowledge of electronic structure and geometry of molecules, particularly free radicals." Physiology of Medicine Nobel Prize awarded to Earl W. Sutherland, Jr. of the United States "for his discoveries concerning the mechanisms of the action of hormones." In November Intel publicly introduced the world's first single chip microprocessor. The 26th Amendment lowered the United States voting age from 21 to 18. Walt Disney World opened October 1 in Orlando, Florida. All in the Family debuted in 1971 on CBS. National Book Award for fiction presented to Saul Bellow for <i>Mr. Sammler's Planet</i>. <i>The French Connection</i> won the Best Picture Academy Award. #1 song according to Billboard Magazine: <i>Joy to the World</i> (Three Dog Night). 	<ul style="list-style-type: none"> March 10 - NASA's Mars Reconnaissance Orbiter enters Mars orbit. Leading astronomers declared that Pluto is no longer a planet under historic new guidelines that downsize the solar system from nine planets to eight. A U.S. advisory panel recommended that 11- and 12-year-old girls be routinely vaccinated against the human papillomavirus virus that causes cervical cancer. A drug-resistant bacterium, <i>Staphylococcus aureus</i>, became the most common identifiable cause of skin infections treated in emergency rooms, accounting for 59 percent of such ER cases in 11 major U.S. cities. April - More than 1,000 cases of the mumps reported in Iowa and seven surrounding states in the largest outbreak of the disease in the U.S. in more than 20 years. July: <i>Pirates of the Caribbean: Dead Man's Chest</i> opens - as of September 2006 the film made over \$414 million dollars in the U.S. As of September, the current number one song is <i>Sexy Back</i> (Justin Timberlake).

NIH Public Access Policy

- The National Institutes of Health requests authors archive papers from NIH-funded research in PubMed Central.
- PubMed Central is a free digital archive for NIH-funded research publications in the biomedical and life sciences.
- Archiving is requested for currently funded research projects, or projects where manuscripts were accepted for publication after May 2, 2005.
- This effort applies to peer-reviewed papers only.

Although some publishers do provide their content for free via PMC, it is the authors' responsibility to ensure the work is archived.

Archiving in PMC helps fulfill grant progress report requirements rapidly.

No special formatting is needed to prepare manuscripts for archiving.

Authors may designate third-parties, such as librarians, to archive their works for them.

Authors retain rights of granting final formatting approval and setting public access delay periods.

**QUESTIONS? CALL US
713-7100**

Podcasts & Podcasts Sample List

AccessMedicine is now podcasting weekly updates. Updates are from *Harrisons' Grand Rounds*, *Harrisons' Weekly Updates*, *Fitzpatrick's Atlas of Dermatology Case of the Month*, *Hurst's The Heart*, *Schwartz's Surgery Online*, *Williams Obstetrics*, *Adams and Victor's Principles of Neurology*, and Lectures from the *Online Metabolic and Molecular Bases of Inherited Disease*. In-depth Grand Rounds presentations, as well as noteworthy articles, are included. Some recent presentations have included: *Vitamin D inadequacy in women treated for osteoporosis*; *Effects of perioperative beta-blocker therapy*; *Evidence-based review of cesarean delivery surgical technique*; and, *Should low-dose aspirin for secondary cardiovascular prevention be stopped prior to surgery?*

To download the podcasts just subscribe with iTunes <http://www.apple.com/itunes/> or Juice <http://juicereceiver.sourceforge.net/index.php>.



PEPID

Portable Healthcare Expertise

PEPID was developed by a physician in partnership with the Family Physician Inquiries Network (FPIN). The company has developed several modules, one of which, the Clinical Rotation Companion Suite, the Library has subscribed to for one year beginning this September. The CRC Suite contains nearly 2300 disease and trauma topics with diagnosis, pathophysiology, treatment,

and disposition information. It also has evidence-based topics from FPIN Clinical Queries and Lifesaving Protocols: BLS, ACLS, ATLS, PALS, and RSI. A pediatrics module and a lab manual with over 300 tests and equations is also included. The online version requires an id and a password which will be listed on the e-journals password list. Our license provides for 2 concurrent users. We have also purchased 50 PDA downloads for the Family Medicine department which will be distributed to their residents and 3rd year medical students on rotation with them. These PDA downloads will be administered by Dr. Randy Clinch in Family Medicine.

Gastroenterology:

DAVE Project: <http://www.daveproject.org/>

Medical Informatics:

Sound Practice: <http://soundpractice.net/>
EMR Cast: <http://www.emrcast.com/EMRCast%20Podcast/EMRCast%20Main/EMRCast%20Main.html>

Neurology:

STAT! The Podcast of Clinical Neurology News: <http://www.medicalnewspodcast.com/stat.html>

Oncology:

Arizona Cancer Center: <http://azcc.arizona.edu/healthcast/>
Leukemia and Lymphoma Society Podcasts (Blood Cancer-CAST): http://www.leukemia.org/all_page?item_id=395450
Cancer Cast: <http://cancercast.com/>
Cancer News in Context and Prevention Radio: <http://www.hsph.harvard.edu/cancer/hccp/podcasts/index.htm>

Ophthalmology:

As Seen From Here: <http://www.asseenfromhere.com/>

Pediatrics:

Pediatrics Pedcasts: <http://www.peds.arizona.edu/residency/podcast.asp>

Pharmacology:

ASHP Advantage: <http://www.ashpadvantage.com/podcasts/>
FDA Patient Safety News: <http://www.accessdata.fda.gov/scripts/cdrh/cfdocs/psn/index.cfm>

Radiology:

CTisus Vodcasts and Podcasts: <http://www.ctisus.com/>
Johns Hopkins Radiology Teaching Podcast: <http://www.rad.jhmi.edu/residents/podcasts.htm>

Sources: [Arizona Health Sciences Library](#), [GooMedic.com](#), [Krafty Librarian](#), [Podcast Directory: Medical](#), [Clinical Cases and Images](#)

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HOURS: Monday - Thurs, 7:00 am - Midnight / Friday, 7:00 am - 7:00pm / Saturday, 10:00 am - 7:00 pm / Sunday, 1:00 pm - Midnight
HOLIDAYS: Closed April 6 and April 8, for Good Friday and Easter Sunday

Coy C. Carpenter Library

Wake Forest University School of Medicine
Medical Center Boulevard
Winston-Salem
North Carolina 27157-1069

Circulation: (336) 716-4414
Reference/Information: (336) 713-7100
Learning Resources Center: (336) 716-4240
Archives: (336) 716-3690
Email: anorwood@wfubmc.edu

your medical information headquarters

Use our Web Site!
www.wfubmc.edu/library

WAKE FOREST
UNIVERSITY

SCHOOL of MEDICINE
THE BOWMAN GRAY CAMPUS

Ingenuity Pathways Analysis

The Carpenter Library has purchased a site license for the University to Ingenuity Pathways Analysis, version 4.0. Ingenuity Pathways Analysis (IPA) is a web-based application that can assist researchers in modeling, analyzing, and understanding complex biological pathways and networks. IPA is unique in that it has an expert-curated backend database, i.e., the Ingenuity Pathways Knowledge Base (IPKB) which is the most comprehensive database of biological findings. The IPKB contains millions of expert-curated relationships between proteins, genes, small molecules, complexes, cells, tissues, drugs and diseases. The software can perform the complex task of building and visualizing the potential interactions between gene products leveraging databases of published literature. It can take a list of affected genes from a completed micro array experiment. By analyzing the micro array data and mining the IPKB database, the software can provide users with biological insights by visualizing the dynamic interactions between the gene products and their spatial distribution within the cell. The IPA software can be used in but not limited to cancer, immunology and metabolic research and also for toxicology, biomarkers and RNAi studies. IPA is a very convenient tool for scientists to obtain relevant information from their statistical data for discovery and accurate assessment of drug targets, pathways and diseases.

Wake Forest joins Stanford University, Yale, Washington University, the National Institutes of Health, and the National Cancer Institute (among others) in making this product available to our faculty, staff, and students. Here is the IPA URL: <https://analysis.ingenuity.com/pa/>, the link to IPA is also on the Library's web site under the "What's New" banner or under *Electronic Resources-Databases-Ingenuity Pathways Analysis*.

You must register first and then you will receive an email message with your IPA-generated username and password. The first time you login, it may take a few minutes to load the application. You **MUST** disable all pop-up blockers prior to signing in as they will prevent the application from loading. You must have Internet Explorer version 5 or higher and the Java Plug-In 1.4.2 (or higher) to load IPA.

If you have trouble, you may contact IPA customer service at (650) 381-5111 or support@ingenuity.com or David Stewart in the Carpenter Library at 716-4181 or dstewart@wfubmc.edu. For more information about IPA, you may contact Wei Wang (Public Health Sciences) at 713-2691 or wewang@wfubmc.edu. Mr. Wang and Dr. Carl Langefeld (Public Health Sciences) are also willing to arrange a training session for interested faculty.