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FROM THE LIBRARY DIRECTOR:
Transition from Print to Online Information Resources

The UAMS Library currently provides UAMS students and employees with online access to about 2,500 journals. As the Library continues its transition from ownership of print information resources to the provision of access to online resources, we find ourselves in the midst of a somewhat chaotic situation.

In a print environment, libraries send their list of journal titles to a jobber for renewal and they pay the institutional or library subscription prices listed by the publishers.

In an online environment, libraries must negotiate annually with each major publisher or vendor of the online journals to which they want to provide access. Licensing agreements must be interpreted and eventually signed by the library and the vendor/publisher. Some licensing agreements are very restrictive. For example, some publishers do not want libraries to provide remote online access (from offices, homes, etc.) to their journals, and some licenses restrict libraries from providing interlibrary loans of the articles in the online journals.

The pricing of online journals is much more complicated than pricing for print journals. Publishers/vendors of online journals often sell their products in bundles of titles (also called big deals), rather than selling each journal individually. This can result in libraries having to pay for a package with many titles that they do not want in order to get access to the titles they do want. It also means that libraries may have to pay so much for the packages of online journals from the major publishers that they may not have any money left to spend with smaller journal publishers and for books. Also, titles may be sold to other publishers, resulting in an unexpected change in the content of the packages from year to year or even within a year.

Different libraries often do not pay the same price for online access to journals. Prices for the same online journal packages may vary significantly depending on whether or not the library is purchasing access to a package through a consortium, and how well an individual library negotiated on the prices and terms of the licensing agreements. Also, libraries may be locked into certain prices for online journal packages based on the number of print subscriptions a library originally had with a particular publisher before going online, because the publisher wants a library to commit to spending as much or more for online access than it paid for print access. Some licensing agreements even prohibit librarians from discussing the prices they paid for certain products with other librarians. Negotiating annual licensing agreements for online products is now a very time-consuming and often frustrating process for the Library staff.

Titles may be sold to other publishers, resulting in an unexpected change in the content of the packages from year to year or even within a year.

Most major biomedical publishers have raised their prices for their online packages an average of 10% or more per year for the past several years. A few publishing conglomerates now control a large proportion of the scientific, technical and medical publishing market, and there is a diminishing amount of competition in the marketplace. The UAMS Library spends two-thirds of its information resources budget on products from just two publishing conglomerates.

In a print environment, journals are checked in, stamped and shelved, and library users come into the Library to obtain access to the journals. In an online environment, access to resources requires a lot of technical work on the part of the Library staff. Records with links to publishers’ servers must be added to the Library’s online catalog and to its website for each online journal title, and Library staff must maintain servers for the online catalog and the website. The library also must run a proxy service to ensure that only UAMS faculty, staff and students can get access to the
online resources made available through the Library’s catalog and website. The publishers’ URLs for their journals may change, and each publisher or vendor has different search engines and interfaces, which makes providing access to the journals even more complicated.

Different libraries often do not pay the same price for online access to journals.

The Library provides online interlibrary loan service for journal articles not made accessible directly through the Library’s catalog or website. The ILLiad system allows the Library to receive interlibrary loan requests electronically, receive the full-text of the requested journal articles online, and forward them directly to the requestor’s desktop, usually within 24 hours from receipt of the request. While this system has been a vast improvement over the previous method for providing print copies of articles not owned by the Library, it requires more equipment and software, and a higher level of training and expertise for the interlibrary loan staff.

Although providing online access to journal articles does help make access to information much more convenient, the current system of online scholarly publishing does not take full advantage of the Internet for improving the process of publishing and disseminating information widely. One method being experimented with which attempts to improve the process of scholarly publishing is called open access publishing, which I will write about in my next article.

Mary L. Ryan, Director
RESPONSE TO COM RESEARCH INFRASTRUCTURE SURVEY RESULTS

In June/July of 2003, the College of Medicine surveyed researchers about the research infrastructure provided at UAMS. This Survey included questions about the support provided by the Library.

Library staff carefully reviewed the survey responses concerning the Library. Overall, we were pleased with the ratings given for the Library and with the many positive comments that were made about the Library’s resources and services. However, we realize that the Library’s budget prevents us from providing immediate access to a significant number of information resources, especially selected online journals which are needed by UAMS researchers, and we were not surprised to see numerous comments to that effect in the survey results.

The following is a summary of information related to the survey comments and/or the Library’s support for research.

Unfortunately, the Library's budget is very limited. We are attempting to do as much as we can to purchase access to the information resources needed most often by researchers.

- In the past few years, we have more than doubled the number of online journals accessible to UAMS researchers, and now have about 2,500 journals available online (including Science, which was mentioned in the survey comments).
- We routinely convert print subscriptions to online subscriptions whenever the online versions become available.
- Several resources added within the past two years which are of particular use to researchers are as follows:
  - Subscriptions to all eight Cell Press journals online, including Cell, which was mentioned by one of the survey responders. Other titles include Cancer Cell, Development Cell, Current Biology, Immunity, Molecular Cell, Neuron, and Structure. These subscriptions were initially funded by the BRIN project.
  - An upgraded subscription for Current Contents: Clinical Medicine and Current Contents: Life Sciences (the previous limited user license resulted in researchers often being denied access when all of the licenses were in use).

Because the Library cannot afford to purchase access to all of the information resources needed by researchers, we try to make our interlibrary loan service as efficient as possible.

- Most journal articles not accessible immediately through the Library are delivered electronically within 24 hours to the requestor’s desktop through the Library’s ILLiad interlibrary loan system.
- The majority of the nearly 10,000 interlibrary loan requests we process annually are for UAMS researchers.
- Unlike most other academic medical libraries, we do not charge for the interlibrary loan service.
- We also participate in a reciprocal borrowing agreement which enables UAMS personnel to check out materials from most other university libraries in Arkansas (ARKLINK borrowing cards can be obtained at the Library’s circulation desk), and we have a courier service with many of these libraries which facilitates rapid delivery of books and other materials.

To avoid cutting journal subscriptions or other items, the Library began charging for printing at the public computers in the Library last August. We regret that some users are not happy about this chargeback, but the Library can no longer afford to provide this service for free, as the cost of paper and toner alone averaged over $10,000 annually. The UAMS Library was the last academic medical library in our 5-state region to implement printing charges.

The Library provides UAMS personnel with free mediated searching of nearly 500 databases.

- Charges are incurred only when a very expensive database must be accessed.
- A UAMS reference librarian is an active member of the IACUC and provides mediated searches related to research proposals.
- UAMS librarians also provide free group and individualized training on searching Ovid and PubMed, as well as other information resources.

The Library maintains the Access Grid room, which enables researchers to collaborate virtually face-to-face with colleagues in other institutions without having to travel to the other sites. We are working with Dr. Charles Winter, COM Associate Dean for Research, to identify ways the Access Grid can further facilitate collaboration and to publicize Access Grid events and seminars of potential interest to researchers at UAMS.

The Library also recently purchased an
We realize we do not have as many social sciences journals and indexes/databases as needed. However, in the past two years, we have added the following databases to fill in some gaps in our collections:

- EBSCO PsycINFO database and 550 full-text psychology journals
- EBSCO Business Source Elite, which includes over 1,100 business journals
- EBSCO Academic Search Elite, a multidisciplinary database containing over 1,250 titles

The Library implemented a proxy service last year to facilitate remote access to the Library’s online information resources from offices, homes, etc., so that researchers do not have to come to the physical Library to access these resources.

- We are currently upgrading the proxy service to improve remote access.
- We will soon implement Serials Solutions software to make access to online journals through the Library’s website and catalog less confusing. This will also allow the Library staff to more quickly update the holdings statements in the catalog when journal subscriptions are cancelled, as was mentioned in one of the survey comments.

institutional membership in BioMed Central (www.biomedcentral.com/info/about/instmembership) to allow UAMS researchers to publish in any of the more than 100 BMC journals without paying the $500 per article publication fee. At least six papers were published in BMC journals by UAMS researchers in the past few years, and we expect that number to grow as the popularity and number of BMC journals grow. We consider BMC an excellent alternative to publishing in very expensive for-profit journals. The BMC articles are carefully peer-reviewed and several already have high impact factors. The Library will consider purchasing institutional memberships for other open access publications as they become available.

We would like to continue to improve our services for all UAMS personnel in any way we can within our limited budget. We appreciate the input from the COM researchers on their information needs, and we encourage all UAMS faculty, staff and students to provide us with suggestions for ways we can improve and publicize our services.

Mary L. Ryan, Director
IF YOU SAVE SEARCHES IN OVID OR PUBMED, INCLUDING AUTOALERT/EMAIL UPDATES AND CUBBY SEARCHES READ THIS!

NLM is using its new 2004 Medical Subject Headings (MeSH) to index journal articles. If you have saved searches of any kind including update searches stored to run automatically on Ovid, you may need to revise the terms you use. Each year some terms are deleted, some are changed to a new wording, and some brand new ones are added. You should especially be concerned if you notice a change in your usual number of retrieved citations.

You should go into the MEDLINE database and try a search on your topic. In Ovid, with the mapping feature turned on (default setting) you can see if your entry terms map to new descriptors. However, the new descriptor will not appear as an option until there are citations indexed with it. It is better to use the **ptx** command to look for a word in a heading.

In PubMed, click on MeSH Database on the sidebar. On the next screen you can enter your term and it will map to the closest descriptor/MeSH. It will also show other possibilities.

If you would like help with any of this, please call the Reference Desk (686-6734) or email LibraryReferenceDesk@uams.edu and ask for a search librarian. We also offer classes in both Ovid and PubMed searching.

Here are some examples of changes:

**These involve deleted descriptors**

--Green Sulfur Bacteria (old) >>> Chlorobi (new). *The descriptor Green Sulfur Bacteria is no longer being used. Old citations are now indexed with Chlorobi.*

--Diuretics, Mercurial (old) >>> Organomercury Compounds (new)

--Rickettsiales (old) >>> Alphaproteobacteria (new)

**A few brand new Headings:**

--Cervicoplasty (neck)

--Chromosome Positioning

--Continuous Positive Airway Pressure

--DNA Packaging

--Irritable Bowel Syndrome (previously had to use Colonic Diseases, Functional or textwords)

--Persistent Hyperinsulinemia Hypoglycemia of Infancy

--Reticulocytosis (previously indexed under Reticulocyte Count which still exists as a descriptor)

>> Bradykinin Receptors are now split into B1 and B2 headings Note: many of the Receptor headings have been made more specific

** The **ptx** command. will search MeSH for any occurrence of one word as part of a heading/descriptor. On the entry line of MEDLINE or CINAHL’s main search screen, put **ptx** before the word you want to find. You can only enter one word. It will not look for myocardial infarction, but you can look for infarction or myocardial or myocardium.

Rena Sheffer
Reference Librarian
RESOURCE OF THE MONTH: UPTODATE
Get quick answers to clinical questions

Many clinicians and educators at UAMS have recommended UpToDate for our Library’s collection. UpToDate is a clinical tool used to assist physicians in making decisions for patient care. It provides current, practical information about diagnosis and treatment recommendations supported by medical evidence.

One factor important to the popularity of this resource are the physician authors and peer-review processes used to build and revise the content in UpToDate.

The authors for UpToDate interpret and synthesize the best available medical evidence from literature and use clinical experience to provide diagnosis and treatment recommendations. These authors are identified by an editorial board and participating clinical societies. The content for UpToDate goes through a continuous peer-review process, and is updated every four months. Each review contains a supportive reference list.

UpToDate provides topic reviews for the following specialties: adult primary care and internal medicine, allergy and immunology, cardiovascular medicine, endocrinology and diabetes, family practice, gastroenterology and hepatology, hematology, infectious diseases, nephrology and hypertension, neurology, obstetrics, gynecology and women’s health, oncology, pediatrics, pulmonary and critical care medicine, and rheumatology.

Authors at UAMS

UpToDate is a cooperative effort of recognized physician authors from leading institutions across the Nation, including UAMS. The following are UAMS clinician authors and the content they provide to answer clinical questions in UpToDate.

Infectious Disease:

Elias Anaissie, MD
Professor of Medicine
Director, Division of Supportive Care
Myeloma Institute for Research and Therapy
ACRC/UAMS

Elias N Kiwan, MD
Assistant Professor
Myeloma Institute for Research and Therapy

Nephrology and Hypertension:

Muhammad G Alam, MD, MPH
Assistant Professor
Division of Nephrology
University of Arkansas Medical Sciences

Peritoneal dialysis solutions

Pulmonary and Critical Care Medicine:

Marcia L Erbland, MD
Associate Professor of Medicine
University of Arkansas for Medical Sciences

Role of inhaled corticosteroid therapy in COPD
Role of systemic corticosteroid therapy in COPD

UpToDate is also involved in American Medical Association’s (AMA) self-directed Internet pilot program. They offer online CME credit for AMA PRA category 1. There is a small fee attached to this program. For more information see, CME credit.

To access the Library’s subscription to UpToDate, from the UAMS Library homepage, select Electronic Reference Sources and choose UpToDate. Due to publisher requirements, UpToDate is not available off-campus.

If you would like a demonstration of UpToDate, please contact the Library’s Reference Department at 686-6734.

Abby Holt, MLIS
Campus Outreach Liaison
ACRC/UAMS

Evaluation for infection before hematopoietic cell transplantation
Overview of infections following hematopoietic cell transplantation-I
Overview of infections following hematopoietic cell transplantation-II
Overview of infectious complications following purine analog therapy
Prophylaxis of infections in stem cell transplant recipients
SPOTLIGHT:
AHEC Library - Texarkana

This column continues the spotlight on Arkansas’ AHEC Libraries that have a long tradition of providing library services to AHEC faculty, staff and students. They also provide a tremendous benefit to the surrounding medical community by providing library services to health professionals in their region.

In the second part of this series we place the spotlight on Robin Layne, Librarian for the Area Health Education Center/SW Library in Texarkana, Arkansas.

History:
The AHEC and its library opened their doors in 1975. They currently reside at 300 E. 6th St. in Texarkana. Over that time there have been four librarians who have manned the post: Dena Plaisted [1975-1990], Emily Oglesby [1990-1996], Brenda Keays [1996-2001] and Robin Layne [2001 – present].

The librarian at AHEC SW must deal with a variety of responsibilities which include conducting mediated literature searches for health care professionals, providing document delivery and interlibrary loan services, and conducting orientations plus database training. The AHEC SW Library also serves as a JCAHO resource for two major hospitals.

Grants Received:
Four-State InfoSystems AHEC-SW Health Information Network grant was funded by the National Library of Medicine and the National Institutes of Health [2002 – 2005]. The aim of this project is to provide health information access to rural and/or underserved areas in the region. The Texarkana AHEC Library currently has 28 participating Network Members. This grant enabled us to obtain Ariel and establish a Consumer Health Library.

Librarian:
Robin Layne began at the AHEC SW Library in 1995 as a Library Tech and became the librarian in 2001.

Personal Info:

Born:  Fort Hood, TX
Hobbies:  Reading and enjoying time with her two sons and husband
Volunteer Groups:  Robin volunteers with the American Cancer Society and the Alzheimer’s Association
Favorite part of the job:  Searching
Professional Memberships:  Medical Library Association South Central Chapter/Medical Library Association Hospital Library Interest Section (SCC/MLA) NHF Arthritis Foundation

What has been your strangest request?
- Can caring for iguanas during pregnancy cause birth defects?

Quotes from Patrons:
"The AHEC library has been a very valuable tool for me as a busy clinician. I can request literature searches & get immediate results. I also enjoy getting the weekly table of contents for select journals from which I can ask for only topics which interest me. This saves me from going through the huge stacks of prof. journals that used to pile up on
“I worked in the library when I was in medical school at UAMS. I remember being fascinated that the entire world of medical knowledge was right there at my fingertips. Now I am at AHEC Southwest in Texarkana and that world is much bigger but still right here at my fingertips at the AHEC Southwest Medical Library.” Russell Mayo, M.D.

Groups Served:
Health Professionals
UAMS nursing students
Students from 5 other college nursing programs
Allied Health students
Consumers

Services Provided:
Mediated searches done by the librarian for health professionals
Loansome Doc – for health professionals
Document Delivery
Interlibrary Loans
Reference – for anyone
Database Training – for health professionals and students in the health professions.
JCAHO Resource for 2 major hospitals

Technology:
AHEC librarians are provided with training and support for technology by the UAMS Library. They are included in UAMS Library's licensing agreements for databases and other selected electronic resources. With this assistance, the AHEC librarians have been able to increase their technology quotient and move many services and resources online. Using DOCLINE, OCLC and Ariel they can initiate and receive requests for articles quickly thus enabling a faster turn around.

The AHEC SW Library brought up their Ariel system in 2003 after receiving a grant. They also have the Innovative Inno pac Online Catalog System Including the Millennium Circulation Module

Special Collections:
The AHEC SW Library’s consumer health collection was begun in 2003. The collection includes books, pamphlets, VHS tapes, and a computer based video kiosk. These items are available for use by the general public.

They also have a collection which supports the Texarkana Regional Center on Aging. This collection includes books, pamphlets, and videos and items in this collection are available for use by the public.

Hours: Monday – Friday 8:00 a.m. – 5:00 p.m.
Contact Information:
AHEC - TEXARKANA
Robin Layne, Librarian
Area Health Education Center/SW Library
Univ. of Arkansas for Medical Sciences
300 E. Sixth St.
Texarkana, AR 71854
ph: 870-779-6023 / fax: 870-779-6050
e-mail: laynerobinl@uams.edu

Counties Covered: Clark, Hempstead, Howard, Lafayette, Little River, Miller, Nevada, Pike, Sevier.

If you would like additional information regarding services available at the AHEC SW Library, please contact Robin Layne.

Susan Steelman, MLIS
Coordinator of Outreach Services
PUBMED CLASSES

Please note that free PubMed classes are offered each month. These classes are open to any practicing health care professional in Arkansas. If you would like to arrange for a class, please contact Susan Steelman, M.L.I.S. at 501-686-6737 or SteelmanSusanC@uams.edu. Early morning or early evening classes are available.

Note: On-site classes are available for any Arkansas hospital or clinic where 4 or more health professionals are registered to attend.

LIBRARY'S ANNUAL BOOK SALE

The Library will hold its annual used book sale on Tuesday, March 2nd, in the lobby of the Education Building, from 8:30 a.m. until 1:30 p.m. We will be selling books removed from our collection and some non-medical books as well. Most books will sell for $1.00 and the proceeds will be used to support the Library.

Come find a treasure! If you have books you’d like to donate for the sale, please contact Mary Hawks, hawksmarys@uams.edu.

NEW E-JOURNAL PAGE

Check out the new e-journal page on the Library’s website at http://www.library.uams.edu/ejournls/medejour.htm. Let us know how you like it or if you experience difficulties using it.

Mary Hawks <hawksmarys@uams.edu>, Collection Management Librarian.
NEW ONLINE JOURNALS

The Library has purchased through Ovid the Lippincott Williams and Wilkins Total Access Package of online journals. This package of journals, totaling over 200 journals, will add considerably to our Ovid full text.

Sample journals in the package are:

- Addictive Disorders and Their Treatment
- American Journal of Dermatopathology
- Annals of Surgical Pathology
- Clinical Journal of Sport Medicine
- Clinical Pulmonary Medicine
- Cornea
- Coronary Artery Disease
- Endocrinologist
- Genetics in Medicine
- Infectious Diseases in Clinical Practice
- Inflammatory Bowel Diseases
- Journal of Cardiopulmonary Rehabilitation
- Journal of Clinical Neuromuscular Disease
- Journal of Hospice & Palliative Nursing
- Journal of Thoracic Imaging
- Melanoma Research
- Menopause
- Obstetrics and Gynecology (available soon)
- Ophthalmic Plastic and Reconstructive Surgery
- Pediatric Critical Care Medicine
- Reviews in Medical Microbiology
- Ultrasound Quarterly

To see a full list of the UAMS full text Ovid journals, go to Ovid and select the database "Your Journals at Ovid." Clicking on "Browse Journals" from the top icons will allow you to sort the journals either alphabetically or by subject.

Mary Hawks hawksmarys@uams.edu,
Collection Management Librarian

HISTORY OF MEDICINE ASSOCIATES’ SPRING LECTURE, MARCH 31, 2004

The History of Medicine Associates of the UAMS Library will sponsor a lecture on March 31, 2004 by Dr. Adolph Buddy Giesecke Jr. of Dallas. Dr. Giesecke is Professor, Department of Anesthesiology and Pain Management at the University of Texas Southwestern Medical School in Dallas. His presentation will be on "John F. Kennedy in Dallas: a Trauma Care Perspective". Dr. Giesecke will discuss the roles of the doctors at Parkland Hospital who attempted to resuscitate the president.

The lecture will be in the Pauly Auditorium at 4:00 pm on Wednesday, March 31st. The lecture is part of the “Lecture Series on the History of the Medical Sciences” sponsored by the Associates.

Margaret Johnson,
Head, Historical Research Center
ACCESS TO ELECTRONIC JOURNALS, DATABASES, AND OTHER RESOURCES FROM OFF-CAMPUS

UAMS faculty, staff, and students can access many of the Library's electronic resources from off-campus.

The Library uses a proxy server to allow Library users with UAMS domain accounts to log-in from off-campus so the user appears to the Library resources as if they are on campus.

When selecting resources from the Library Website from off-campus, the user will be asked for their UAMS domain username and password to verify that they are a current UAMS faculty or staff member or a currently enrolled student.

UAMS domain username and password

The domain username is last name, first name, and usually middle initial. It is entered as a string of characters, e.g. doejohnq for John Q. Doe. The middle initial is not always part of the username.

The password is initially social security number until it is changed by the user.

The domain username and password is the same as the username and password for the UAMS email system and for WebCT.

Problems with username and password can only be resolved by calling the IT Help Desk at (501) 686-8555.

Who gets a UAMS domain username and password?

1. Students currently enrolled in UAMS Colleges are given a domain account and are assigned a username and password shortly after registration. Their account is deactivated when they graduate or when they are no longer enrolled in classes.

   Exception: PharmD. students use the UAMS Library card number sent to them by the Library. PharmD. Students must also sign up with the Library in person or through the Library webpage (www.library.uams.edu) under Forms.

2. Faculty members and staff in the colleges, support units, and administration are given a UAMS domain account with username and password when they are entered into the UAMS Office of Human Resources database. Their account is immediately deactivated when they are no longer employed at UAMS.

   Exception: Employees in positions that are not automatically given usernames and password may request an account.

3. Colleges/departments may request that adjunct/volunteer faculty be entered into the UAMS Office of Human Resources database and given a UAMS ID Badge. This provides them with access to a UAMS domain account. (Please see Administrative Guidelines 11.3.05 for policy on UAMS ID Badge Issuance at http://www.uams.edu/adminguide/WIN11305.html. The UAMS domain account is deactivated immediately when they are no longer teaching.

   Adjunct/volunteer faculty should sign up with the Library in person or they may sign up with the Library through the Library webpage (www.library.uams.edu) under ‘Forms’. Signing up provides contact information so the library can provide assistance when needed.

Access to electronic resources from off-campus has been one of the most requested services of the Library. If you have any problems accessing electronic resources from off-campus, please call (501) 686-6734, (501) 686-5980, or Dena Plaisted at (501) 686-6743.

Dena Plaisted,