Inside The Library

A newsletter of the Frederick National Lab Scientific Library

Operated by Wilson Information Services Corporation

VOLUME 8 ISSUE 1 JANUARY/FEBRUARY 2013

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LIBRARY HOURS

Monday - Friday
8:30AM - 5:00PM

Dr. Larry Phillips

Guest Author

The concept of time is rarely on anyone's list of important human inventions. Nonetheless, it is important since it uniquely enables coordination of human effort and provides a convenient platform to record and catalog activities and events. When coupled with "the written word" a durable history is created, from which exploration of the future may be initiated. It should be obvious that creating both a repository of an overwhelming volume of seemingly unrelated bits of history and the methodology necessary for locating and retrieving a specific record is an impossible task for any one person, or even a small group of people. However, these are the responsibilities charged to the library. And, since history continues unabated to be created, recorded, cataloged, and re-interpreted, a library is necessarily forever dynamic.

Upon arriving at the laboratories in Frederick in 1990, a top priority was to find the library. Although much smaller than the one I had grown accustomed to at the NIH in Bethesda during the 1980s, Frederick's Scientific Library immediately became my sole contact for the history I needed for my work. And, twenty-two years later, I have yet to experience any disappointment, and I continue to be in awe of the offered services and capabilities.

No research can move forward unless a point of reference is established. Or, as Yogi Berra is credited with saying "You've got to be very careful if you don't know where you are going, because you might not get there." The Library has always been and will continue to be my silent lab partner.

Training Classes When and Where You Need Them

The Library's Training Team is offering a variety of FREE classes during the 2013 sessions, January through June. Please watch for registration announcements for upcoming classes such as SKYPE, ENDNOTE, ENDNOTE WEB, METACORE/METADRUG, and WEB OF SCIENCE, by contacting the Library at **NCIFredLibrary@mail.nih.gov.**

For full descriptions of all classes, visit our list at **http://www-library.ncifcrf.gov/libclass.aspx**. Please do not hesitate to suggest classes that you would like us to offer. And don't forget that our librarians can work with your schedule to provide one-on-one training at your convenience, either on the FNLCR campus or at the ATRF.

ATRF Library Corner

Paper—an artifact of our glorious past—some say, yet others still love the feel of it, the weight of the words in their hands, the aroma of fresh ink, the sound of a turning page, the experience of browsing without a browser. A small collection of paper journals now waits to be explored in the hall in front of the ATRF Library. A small collection of paper books, bound to survive the centuries, will soon join them. Feel free to stop by at any time and leaf through one of these marvelous logs of man's achievement. Below is a list of the journals available for your reading pleasure:

Anticancer Research, Cancer Letter

Cancer Research, Cell,

Frederick News Post (on order),

Genes & Development,

International Journal of Molecular Medicine,

International Journal of Oncology,

Molecular Cell, Nature,

Nature Reviews-Cancer,

Nature-Genetics, Nature-Medicine,

New England Journal of Medicine,

Nucleic Acides Research,

Oncogene,

Proceedings of the National Academy of Sciences,

Science, Science News,

Scientific American

Library Orientations

Library Orientations, held in the Library's Technology Training Lab in Building 549, require no registration. We encourage all new (and not-so-new) employees to attend one of the upcoming orientations to learn about the many services and resources offered by the Library. If you are unable to attend these sessions, please contact the Library at x1093 or **NCIFredLibrary@mail.nih.gov**, to schedule an alternate session.

Wednesday, January 9, 2013, 2:30 p.m.

Wednesday, February 13, 2013, 2:30 p.m.

Featured Website

EdX Online Education
http://www.edx.org

EdX is a not-for-profit learning enterprise designed specifically for interactive study via the web. Founding partners Harvard University and MIT created this online-learning experience with courses that reflect their disciplinary breadth. In addition, the institutions will use ***edX*** to research how students learn and how technology can transform learning on-campus and worldwide, with the goals of reaching students of all ages, means, and nations. Explore ***edX*** free online courses from Harvard, MIT, and their partner universities, Berkeley, Wellesley, Georgetown, and the University of Texas system.

PubMed/Internet Explorer Compatibility Issues

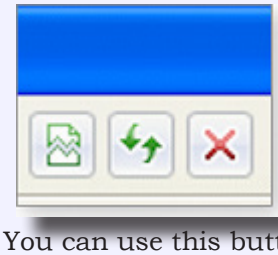
If you search the ***PubMed*** database regularly, and you use the ***Internet Explorer (IE)*** browser, you may have noticed a message popping up at the top of the ***PubMed*** screen. The message reads:

NCBI web applications will no longer support your browser after 1 January 2013.
http://www.ncbi.nlm.nih.gov/guide/browsers

The above webpage explains which browser versions work with ***PubMed***, and which do not. Although you may be using ***IE 8***, which is supported by ***PubMed***, you may still see the message, due to a compatibility problem.

Websites that were designed for earlier versions of ***IE*** may not display correctly in the current version. You can improve the display by turning on the Compatibility view. Then, the website will be displayed as if you were using an earlier version of ***IE***.

The ***PubMed*** problem arises if your compatibility function is turned on. Then, ***PubMed*** thinks that you are using an earlier, unsupported, version of ***IE***.



You can turn the Compatibility function on and off by following these steps:

1) Open ***Internet Explorer***
2) Click the **Tools** button
3) Click **Compatibility View**

You may also see a Compatibility button next to the Refresh button on the Address bar. You can use this button to turn Compatibility on and off. If you continue to have problems with ***PubMed*** and ***IE*** compatibility, please call the Scientific Library Reference Desk at x1682.

Resources of the Month

January – ***MetaCore/MetaDrug***
http://portal.genego.com

The FNLCR Scientific Library has added the ***MetaDrug*** tool (FNLCR only) to those already made available by NCI Bethesda to all NIH researchers: ***GeneGo, MetaCore, MetaRodent***. ***MetaDrug*** is a platform that can help you predict possible indications, modes of action, ADME, Phase I and Phase II metabolites, and toxicities of novel compounds. It also allows you to view the predicted activities on pathway maps that can be validated by uploading experimental data for the compounds. To obtain an account for access to ***MetaDrug***, please contact Alan Doss, x6249 or **dossal@mail.nih.gov**.

February – **Online Protocols Resources**

For step-by-step procedural methods in the design and implementation of experiments, use resources available online to FNLCR and NIH employees: ***Cold Spring Harbor Laboratory Protocols***: methods in molecular and cellular biology; ***Current Protocols series***: protocols in bioinformatics, cell biology, laboratory techniques, molecular biology, and more; ***Methods in Enzymology***: all volumes of this essential resource on research methods in biochemistry or biotechnology; ***Springer Protocols***: over 16,000 research protocols from the series Methods in Molecular Biology, Methods in Molecular Medicine, and others.

Access links to ***MetaCore/MetaDrug*** and **Online Protocols Resources** on the Library's Databases page at **http://www-library.ncifcrf.gov/databases.aspx**. If you have any questions about or need assistance using these or any of the Library's many resources, please do not hesitate to contact the Library at **NCIFredLibrary@mail.nih.gov**.

If It's all Free on PubMed, Why is the Scientific Library Paying for Journal Subscriptions? Part 1

When you are searching ***PubMed***, it may look like you are magically getting full-text journal articles for free, when in reality, much is occurring behind-the-scenes. Two things must happen for you to gain access to full-text journal articles through ***PubMed***. Your search results may include links to full-text articles when provided by the publisher, but ***PubMed*** contains only the full-text of the abstract, not the full-text of the journal article. The content is not provided by NLM; it is provided by the publisher.

First, ***PubMed*** must make an agreement with the publisher to provide a link to the full-text article. Hence, you see the publisher's link in the abstract view on the ***PubMed*** screen.

For example:

Second, someone has to pay for you to gain access to that full-text article.
One free alternative is the ***PubMed Central (PMC)*** database of full-text journal articles, also provided by NLM. However, this database is not retrospective, so only articles deposited by researchers since May 2008 are available in ***PMC***. The publishers still control when access is available, typically no earlier than six months after publication, so if you want access to the most recent articles, someone must pay for it. ***PubMed*** provides a link to ***PMC*** in each abstract reference when available, making the transition appear seamless to you.

For example:

PMC only interacts with ***PubMed***, so if you search other indexes such as ***Web of Science*** or ***Scopus***, you will only gain access to full text articles that have been paid for by Scientific Library or its consortium subscriptions.

Here's how it works in the background:

- The Scientific Library, independently or via the NIH Library consortium, pays the publisher by subscribing to the journal.
- Authentication, which triggers access, is also done behind-the-scenes by the Library, through software that recognizes your computer's IP address. So what appears to you to be seamless free access to journal articles is in reality a hidden, multi-step process.
- Library staff negotiate the licenses with publishers, arrange for the payment of license fees, and establish links to every title for which we have a license. If you click on an icon in one of the indexes and don't gain access, then no subscription has been established. You will not be able to see the full-text, but will instead be prompted for a password or for money. Keep in mind, the Library provides Interlibrary Loan service for those articles not readily available online. Publishers determine how long they will maintain access online, therefore it would be helpful if you checked the Library's online catalog or online journals list to see when full-text access actually begins and contact the Library if you are unable to gain access, to a journal that you require.

Explore QR Codes in the Scientific Library

Since 2011, the Scientific Library has used QR codes in the Journal Alcove to help users locate the electronic versions of journals we no longer subscribe to in print. You are invited to come and see the next generation bar codes and find out how they can be of use to you!

Scan to view this journal on your mobile device	**How to Scan a QR code:** 1. Go to your Smartphone app store and download a QR Reader. 2. Open the QR Reader app and scan the image. 3. Your Smartphone will display the journal's website.