

Inside The Library

A newsletter of the NCI at Frederick Scientific Library

Operated by Wilson Information Services Corporation

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ATRF Library Corner

The ATRF Library now has a rotating materials collection! In this collection are print books, audiobooks, movie DVDs, exercise DVDs, Science in the Cinema programs, and a Kindle. If you have a Library account, you can check out any of these materials. Every 4-6 weeks, the collection will be refreshed with different materials. Stop by the ATRF Library to see what is available! We are located on the second floor of the E wing, next to the Wellness Center/Gym, Room E2003.

WHO'S USING THE NATIONAL CANCER INSTITUTE AT FREDERICK SCIENTIFIC LIBRARY?



Written by Ms. Lydia Lacuesta, Regulatory Submissions Coordinator, Clinical Monitoring Research Program

The Regulatory Affairs Group of the Clinical Monitoring Research Program, Leidos Biomedical Research, Inc., in support of the Office of Clinical Research Policy and Regulatory Operations at the National Institute of Allergy and Infectious Diseases, is responsible for preparing, submitting, and maintaining Investigational New Drug applications (INDs), Investigational Device Exemptions (IDEs), and drug Master Files to ensure compliance with the Food and Drug Administration (FDA), International Conference on Harmonisation (ICH), and other applicable regulations. I have been with the group since 2006 as a Regulatory Submissions Coordinator. I coordinate the work flow between Regulatory and Document Control, and assist them in some of their electronic Common Technical Document (eCTD) administrative needs.

Journal publications are required for INDs, IDEs, and their amendments. These publications assist the FDA in their evaluation of proposed clinical investigations and when determining if the investigational product can be safely used in humans. Sometimes these academic research papers and journal publications are not accessible in PubMed, or access is restricted and requires registration, in which case I need to request them from the library. [editor's note: via interlibrary loan]

The Frederick Scientific Library always provides an outstanding level of support to our publication requests. We truly appreciate their kind and caring attitude. They realize the time-sensitive nature of our applications and they go out of their way to help. We are grateful for their professionalism, work ethic, and abilities.

The Frederick Scientific Library is an asset and a valued source to our research organization. It's such a great pleasure to work with them! Gold Star to all of you!!

NCI at Frederick Scientific Library ~ Building 549 ~ On the web at: www-library.ncifcrf.gov

Hours: Monday - Friday 8:30am - 5:00pm

Main Phone Number: 301-846-1093 ~ Circulation: x5848 ~ Reference: x1682

ATRF Library ~ E2003, 2nd Floor ~ Main Phone: 301-228-4942

Resource Training – Spring 2015 Class Schedule Now Available

The Library's Training Team recently announced the **Spring 2015 Instructional Classes schedule**. We are pleased to offer a selection of instructional sessions on a variety of topics for NCI at Frederick employees. Upcoming classes include instruction in such topics as **EndNote**, genome browsers, **ToxNet**, NCBI resources, a look at what's new in **PubMed**, and assessing research impact using **Web of Science** and **Scopus**. For a full description of classes, please visit our website at <http://www-library.ncifcrf.gov/libclass.aspx>.

Please don't hesitate to contact us in Building 549 at x1682, the ATRF Library at x4942, or via email at NCIFredLibrary@mail.nih.gov with any questions about our classes or with suggestions for classes you'd like us to offer. Remember that our librarians will work with your schedule to provide one-on-one training at your convenience, either on the NCI at Frederick campus or at the ATRF site.

Resource of the Month

Genome Browsers –

UCSC Genome Browser - <http://genome.ucsc.edu/>
eEnsembl: <http://useast.ensembl.org/index.html>

UCSC Genome Browser and **eEnsembl** are two widely-used genome browsers, or graphical interfaces for display of information from biological databases for genomic data. Some genome browsers allow researchers to visualize or browse specific genomic coordinates with aligned, annotated data including genes and gene prediction, comparative genomics data, proteins and their structures, expression profiles, regulatory elements, variations, and more from reliable sources.

Access both browsers from the Library's Databases page at <http://www-library.ncifcrf.gov/databases.aspx>. For information about genome browsers or any of the Library's resources, please contact the Library in Bldg. 549 or ATRF Library at NCIFredLibrary@mail.nih.gov.

Featured Website

JoVE – The Journal of Visualized Experiments

<http://www.jove.com>

JoVE is the world's first peer reviewed scientific video journal. **JoVE** specializes in publishing scientific research

in a visual format to help researchers overcome two major challenges facing the scientific research community: poor reproducibility and the time and labor intensive nature of learning new experimental techniques. **JoVE** has published thousands of video articles from top research institutions around the world, and all **JoVE** articles are indexed in subject-relevant indexing sites, including **PubMed/MEDLINE**, **SciFinder**, and **Scopus**. NCI at Frederick users may access **JoVE** directly or via the Library's [Online Journals](#) list.

Library Orientation

The next **Library Orientation** will be held on Thursday, April 9, from 10:00 a.m. – 11:00 a.m. in the Library's Technology Training Lab in Building 549.

We invite all employees to attend one of our informative sessions to learn about the many services and resources offered by the Library. Registration is not required. If you are unable to attend the July session, please contact the Library in Building 549 at x1682, the ATRF Library at x4942, or via email at NCIFredLibrary@mail.nih.gov to arrange an alternate date and time to suit your schedule.

It's Not Time to Put Down the Book!

Two recent articles about choosing print or digital books contain some very interesting commentary. We suggest that anyone who believes that print is unnecessary should reconsider, and read these articles from [The Washington Post](#) and [Scientific American](#).



NCBI Discovery Workshops in May



On Tuesday, May 5, and Wednesday, May 6, NCBI (National Center for Biotechnology Information) staff will present four free workshops streamed from the University of Michigan to the Scientific Library's Technology Training Lab in Building 549 and to the ATRF's Training Room, E1106.

Participants may attend all or any combination of these sessions. Each session provides hands-on instruction and uses specific examples to highlight important features of the resources and tools under study. Attendees will have the opportunity to ask questions and provide comments.

For details on what each session covers, please visit the Library's homepage. As space is limited, **registration is required for these workshops**. Please **send a message to NCIFredLibrary@mail.nih.gov**, and specify which of the four **sessions you wish to attend** and **if you will attend in Building 549 or at the ATRF**. If you are not able to attend and would like to know more about NCBI resources, please contact the Scientific Library to discuss your interests with a librarian. Watch for announcements from the Scientific Library about other webinars from NCBI.

Spring Research Festival

The staff of the Scientific Library is looking forward to participating in the annual **Spring Research Festival** on Wednesday, May 6, and Thursday, May 7. This is the 19th year for this event, which is sponsored by the National Interagency Confederation for Biological Research (NICBR).

This annual event is designed to demonstrate “the nature of our research, the discoveries we have made, and the challenges we face in the fight against cancer, AIDS and other infectious diseases worldwide.” Complete information about the Festival is available at <https://ncifrederick.cancer.gov/Events/Srf/Content/2015/Default.aspx>. Look for the Library's table in the exhibits area.

Altmetrics and Article-Level Metrics

Before electronic journals and widespread access to the Internet, researchers evaluated the attention their publications received based on how many times other authors cited their work. They could also look at the impact factor of a journal to see if it was influential in their field of research. It might take two years for articles to begin to be cited, and new journals still have to wait at least two years before they can receive an impact factor. An author or journal's h-index is another traditional method of measuring an author or journal's impact; however, it is also based upon article citations, taking time to build as well.

Today, social networks, instant access to journal content, continuous news cycles, and other means of communication allow authors to get almost instant feedback on their research output after it is released. Businesses are now providing services to institutions and

authors to allow them to easily compile all of the attention their research is getting from many different media. Some of these metrics, called altmetrics or “alternative metrics,” are provided for many different types of research output. Programming code, slide decks, videos, articles, and many other types of research results can have altmetrics. The PLOS (Public Library of Science) journals were some of the first to capture “article-level metrics” (ALMs) for their publications. Article level metrics include not only attention on social networks, blogs, and media, they also show citation information and electronic usage statistics. These can be seen on titles from the Nature Publishing Group, Wiley, and other publishers.

These new metrics for gauging research impact should be evaluated carefully. Attention on Twitter or Facebook may contain positive comments; however, it is also possible that these tweets or posts may include negative feedback. Seeing that an article generated 50 tweets does not indicate if they are positive or negative, although hopefully, positive, if it is your own research! Fortunately, some services that provide this data also allow you to link back to those 50 tweets to see what was said. Altmetrics and article-level metrics are new and exciting developments in following the reach and impact of research. If you would like to learn more about sources that provide altmetrics and article-level metrics, please contact the Scientific Library to speak with a librarian.

16 Saves	0 Citations
3,279 Views	13 Shares

Caption: This image represents the article-level metrics on March 17, 2015, for an editorial titled “How Can PLOS Computational Biology Help the Biological Sciences?” from PLOS Computational Biology.



Resource Training Classes March - June 2015

The Scientific Library offers **FREE** hands-on training classes taught by Library staff or guest instructors in the Library's Technology Training Lab in Building 549 OR at the ATRF location. Additional classes may be added, and dates and times below are subject to change. If you are interested in attending a class, please contact the Library via email, NCIFredLibrary@mail.nih.gov, call x1682, or stop by the Library, to register. For class descriptions, please see <http://www-library.ncifcrf.gov/libclass.aspx>.

Altmetrics and Article Level Metrics

Tuesday, March 17, 10:00 a.m. – 11:30 a.m.

EndNote Essentials

Thursday, March 26, 10:00 a.m. – 12:00 p.m.

EndNote Advanced

Thursday, April 2, 10:00 a.m. – 12:00 p.m.

Assessing Research Impact with Web of Science and Scopus

Tuesday, April 21, 10:00 a.m. – 11:30 a.m.

Exploring Genome Browsers

Thursday, April 23, 2:30 p.m. – 4:30 p.m.

PubMed 2015

Thursday, April 30, 10:00 a.m. – 12:00 p.m.

There's More to Searching Than PubMed!

Thursday, May 14, 10:00 a.m. – 12:00 p.m.

Exploring ToxNet

Thursday, May 21, 2:30 p.m. – 4:00 p.m.

Quick Review of NCBI Resources

Monday, June 22, 2:30 p.m. – 4:00 p.m.

Library Orientation

Bldg. 549: Thursday, April 9, 10:00 a.m. – 11:00 a.m.

(If you cannot make this session, please contact us at NCIFredLibrary@mail.nih.gov to arrange a more convenient time.)