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Quick Links...

Homepage for the U of Illinois Library <http://www.library.illinois.edu/>
 Homepage for the Biotechnology Information Center <http://www.library.illinois.edu/biotech/>
 U of I Library Online Catalog <http://www.library.illinois.edu/catalog/>
 E-Journals at U of I <http://www.library.illinois.edu/orr/?mode=J>
 E-Journals at UIC (accessible w/in the Health Sci Library) <http://www.uic.edu/depts/lib/reference/resources/journals/>
 Article Indexes & Abstracts at U of I <http://www.library.illinois.edu/orr/?mode=A>

Accessing library resources from off-campus

In order to access e-journals and library databases from off-campus, you should use the links provided from the U of I Library's **Online Research Resources (ORR)** site, <http://www.library.illinois.edu/orr/>. All the resources in the ORR have been registered in a database, with the proper proxy server address incorporated in the URL. When you click on these links from off campus, you'll be routed through a campus proxy server, where you can authenticate yourself as a legitimate U of I affiliate by entering your net ID (found on the I-card) & password. Usually you'll just have to authenticate yourself once per browser session.

If you want to bookmark various resources, use the URLs from the ORR for that, too. You'll find that the URL for some oft-used resources is not what you might think it would be! For example:

Biological Abstracts: <http://www.library.illinois.edu/orr/get.php?instid=517749>
Current Protocols in Molecular Biology: <http://www.library.illinois.edu/orr/get.php?instid=325551>
Journal of Biological Chemistry [JBC]: <http://www.library.illinois.edu/orr/get.php?instid=6673>
Nature <http://www.library.illinois.edu/orr/get.php?instid=299585>
Proceedings of the National Academy of Sciences [PNAS]: <http://www.library.illinois.edu/orr/get.php?instid=28317>
PubMed: <http://www.library.illinois.edu/orr/get.php?instid=406312>
Science: <http://www.library.illinois.edu/orr/get.php?instid=5114>
Web of Science: <http://www.library.illinois.edu/orr/get.php?instid=258127>
Faculty of 1000 <http://www.library.illinois.edu/orr/get.php?instid=226365>

PubMed



It is particularly important that you use the proper URL to access *PubMed* since that URL has been created to incorporate a code that will let you see the e-journals for which the U OF I has access. This URL will also allow you to see the articles that have been recommended as 'must reads' in the *Faculty of 1000* database.

The standard *PubMed* URL, which is freely available to the whole wide world, is:
<http://www.ncbi.nlm.nih.gov/PubMed/>

But to be recognized at the NCBI site as a U OF I user, and thus to see the U OF I-specific e-journal links and F1000 links, and to be able to access the U OF I e-journals from off-campus, you should use this URL instead:

<http://www.library.illinois.edu/orr/get.php?instid=406312>

which will expand to:

<http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?holding=uiucf1000>

Note: While many researchers find most of what they need in PubMed, please also investigate these databases: [Web of Science](#); [SciFinder Scholar](#); [Biological Abstracts](#); [CAB abstracts](#); [Scopus](#). Learn about these dbs (and a few more) from this 2-page flyer, [Selected Journal Indexes for Molecular Biology and Biotechnology Topics](#).

Obtaining books or journal articles

Obtaining Books:

First, check to see if the book is available on campus! Search the U of Illinois Online Catalog:

<http://www.library.illinois.edu/catalog/> If it is, request delivery to your office via Campus Mail (faculty & graduate students). Just click on "request", and log in with your 14-digit Library ID and last name.

I-Share: Find the book in another Illinois academic library

If your search fails in the U of Illinois Catalog (or you find that our copy is checked out), click on the link to "**Repeat search in All I-SHARE Libraries**" (I-SHARE is the name of a consortia of Illinois academic libraries). If you locate another copy of the book, click on "Request". You'll need to login using the 14-digit U of Illinois library ID number located on your I-card; then specify that your home library is the U OF I. Choose to have the book delivered to your office (faculty/graduate students) or to a convenient U of I library (undergrads). You will be subject to the checkout rules of the lending library, so be sure to return the book before it is due, or keep renewing it online!

Request the book from Interlibrary Loan if the book isn't available from another I-SHARE library...

Use the Library's Interlibrary Loan service. Usually there is a 5-8 day turnaround. For most requests, there is not a fee for this service. The online form for requesting books (or journal articles) is at: <http://www.library.illinois.edu/irrc/>.

Use World Cat to request books from ILL

Instead of manually filling in an ILL form to request a book we don't have, you may search **WorldCat** for the book, which allows you to request delivery without having to fill in a form with the bibliographic information for the book – it will be filled in for you! To get into *WorldCat*, go the library homepage (<http://www.library.illinois.edu>), click on "Library Catalog", and then "WorldCat". After you have found the book you need in WorldCat, just click on the link to "Request a Loan (not articles)" and fill in your netID and password.

You can RENEW books online, too!

Via the U of I Online Catalog, <http://www.library.illinois.edu/catalog/>, you can review your check-out record and renew your books! When in the Catalog, click on "MyAccount / Renew Books" button, and login using your U of I Library ID number and last name. (Your Library ID number is the 14-digit number usually located above the bar code on your I-card.) You'll be able to see which books you have checked out and renew them, and to see books you've requested (but not yet received) from the U of I library or other I-SHARE libraries.

Electronic Reference Books for Biologists

<http://www.library.illinois.edu/biotech/researchtools/lsdebooks.html>

Locally we have created a listing of many useful "Reference" books that are available for your use online -- dictionaries, encyclopedias, lab manuals, writing style manuals, etc. This list includes such "books" as Current Protocols in Molecular Biology, Cold Spring Harbor Protocols, Nature Protocols, Handbook of Chemistry and Physics, Encyclopedia of Life Sciences, Men & Women of Science, Methods in Enzymology, the Springer books, and many other titles.

Obtaining Journal articles:

If you know the citation for an article, and need to read the article...

First, check to see if the U of I has an electronic version of the journal. To do this, go to the ORR:

<http://www.library.illinois.edu/orr/>

If we don't have an electronic version, check the U of I Catalog to see if we have a print version,

<http://www.library.illinois.edu/catalog/>.

If the U of I doesn't hold a subscription (print / electronic), check to see if UIC has an electronic subscription. If they do, you may want to go to the Health Sciences Library (102 Medical Sciences Building), which is part of UIC not the U of I, and print off or view a copy of the article there! Their online list is at: <http://www.uic.edu/depts/lib/reference/resources/journals/>; their catalog is at <http://uiccat.lib.uic.edu/>.

Otherwise, request the article from the Library's Interlibrary Loan (ILL) service: <http://www.library.illinois.edu/irrc/>.

Usually ILL requested articles will be provided to you electronically as PDF files, with notification by e-mail within 7-10 days, or less. You will need your Net ID and password, your Borrower Identification Number (14-digit Library # usually located above the bar code on your I-card), and the complete citation to make a request. Note: you can also use the DISCOVER button to request materials from ILL; see "Discover", below.

For a "rush" journal request, if the article was published after 1994, you can come in person to a U of I library during its reference hours. They will try to request the article from the British Lending Library for you, with delivery within 24 hours. There is currently no fee for this service.

If you don't know the citation for an article, but know the author of the article, or the subject matter...

Use one of the biological indexes to find the full citation for the article(s). Many of the Bio-Ag indexes have links directly to the full text of articles, or have "Discover" links, which will lead you to the full text of articles. See below for more information about "Discover".

For a listing of the indexes you might want to use, please refer to the flyer, "Selected Journal Indexes for Molecular Biology & Biotechnology Topics", which is available on the web at:

<http://www.library.illinois.edu/biotech/Flyer-BiotechIndexes.pdf>

Database news

Auto-alerts

Have your searches run in a database automatically, whenever the database is updated, and the results sent to you via e-mail! Use auto-alerts to keep up-to-date on the research in a particular area, keep track of your colleagues' research, or to receive the table of contents of selected publications. These are available from most databases and journal publishers. Below are instructions for setting up alerts in **Web of Science** and **PubMed** and several publishers. Another useful database to set up alerts in is **Scopus**; just register, create a search, and save it as an alert!

Auto-alerts from *Web of Science*. Since *Web of Science* is multidisciplinary, covering all the major journals in most disciplines, and is updated weekly, this is a terrific service! To set up an alert in *Web of Science*:

First, you must "register":

- To register, from the first *Web of Science* page click on the link to "sign in or register":
<http://www.library.illinois.edu/orr/get.php?instid=258127>
- Now click on the "Register" link.
- Enter your email address and a password of your choosing.
- You are now registered and can save searches and set up alerts from *Web of Science*.

After you have logged in, you're ready to set up an alert:

- From the main *Web of Science* page, create a search strategy using either the "Quick Search" or the "General Search" option. Run your search.
- Click on "Search History" [If you haven't already logged in, you'll be prompted to do so at this time.]
- If you've created several searches, the auto-alert will only be run against your most recently created search (the one on the top of the Search History). So you may need to re-type an earlier search to force it to the top.
- Click on "Save History". Give your search a name, a description, and check the box, "Send me e-mail alerts".
- Select an email format -- I'd recommend HTML, if your email program supports this, since this format will include links back to the *Web of Science* database, so you can take advantage of the various links available within the database.
- Select frequency - I'd recommend weekly, since that's how often the database is updated.
- Click on the "Save" button.
- Now, each week, you'll receive an email the with new results of your search, with embedded links back into the *Web of Science* database
- You may create as many alerts as you need.

Auto-alerts from PubMed, GenBank, or other NCBI resources. Recently it became possible to set up auto-alerts to run against the *NCBI* resources such as GenBank and *PubMed*. *PubMed* is most likely the one you'll want to use to set up an alert, so you'll be notified of new articles in your subject area, or written by particular scientists.

First, you must "register" :

- To register, from the main *PubMed* page, <http://www.library.illinois.edu/orr/get.php?instid=406312>
- Click on the link to "MyNCBI"
- Now click on the "register for an account" link and provide the information requested (choose a login name and password, provide your email address, and choose a security question).

After you have logged in, you're ready to set up an alert:

- From the main *PubMed* page, create a search, and then click on "Save Search".
- Choose a name for the search, and elect to receive email updates.
- Fill in the rest of the information requested – I'd recommend receiving the alerts weekly, in HTML format if your email supports this. I usually set the number of results to send to the maximum number.
- Now, each week, you'll receive an email the with new results of your search, with embedded links back into the *PubMed* database
- You may create as many alerts as you need.

Publisher-based Auto-alerts. Many publishers and journals also allow you to set up "auto-alerts" for their journals, so you get the results as soon as the new issue of the journal is posted – much faster than the articles appear in indexes such as *Web of Science*, *PubMed*, *Scopus*, etc.! Among the most popular sites for this are:

- **Highwire** (<http://highwire.stanford.edu/>) – several hundred mostly bio-med titles from scholarly societies, including *Journal of Biological Chemistry*, *PNAS*, *Agronomy J*, *JAMA*, *Plant Cell*, etc.
- **ScienceDirect** (<http://www.sciencedirect.com/>) – for journals published by Elsevier or Academic Press
- **American Chemical Society** (<http://pubs.acs.org/action/showPublications?display=journals>)
- **Nature** (<http://www.library.illinois.edu/orr/get.php?instid=299585>)
- **Science** (<http://www.library.illinois.edu/orr/get.php?instid=5114>)

Discover Button



A button labeled "Discover" was recently added to many of our indexes and abstracts, including *PubMed*, *Web of Science*, *Biological Abstracts*, *CAB Abstracts*, *Scopus*, and more.

What does it do?

The primary function of the Discover service is to give you a link to the full-text version of the article if the U of I has rights to it. While many of the databases already have links to the full text in them (e.g., *PubMed*, *Web of Science*), through the Discover button, you should uncover e-access for even more publications! If we don't have e-access to the article, the Discover window will provide you with other tools for obtaining the article.

What happens when you click on the Discover button?

When you click on the Discover button, a new window will pop up that will contain links to various types of resources:

1. Links to the full text of the article (if the U of I has e-access). Note: if there isn't a link to the e-version of an article, check the [ORR](#) or the [Catalog](#), and search for the journal title! Discover doesn't work ALL the time!
2. A link to the U of I Online Catalog record for the journal (so you can see if we have print / e-access to the journal)
3. If we don't have e-access to the article, you'll find a link to Interlibrary Loan, with the citation information already filled in. All you have to do is login with your NetID. The ILL office will send you a link via email to a pdf version of the article within a few days.
4. A link to RefWorks, which will automatically add the basic citation to RefWorks (see more about RefWorks, below)
5. A link to Google Scholar, so you may search for other articles by this author, or other articles on the topic in the Google Scholar database.

Where will I find the Discover button?

Biological Abstracts
CAB Abstracts
Compendex

Environmental Sciences
& Pollution Mgmt
Google Scholar

Inspec
PubMed
RefWorks

Scopus
Web of Science
... more!

More Library News

RefWorks

RefWorks is a web-based bibliography and database manager. Use it when working on a research project to collect references from online databases, building your own library of references. You can then insert the references into your paper using Word and the free Write-N-Cite plug-in, which automatically formats the paper and the bibliography in a wide variety of journal styles.

RefWorks is similar in function to bibliographic management software products such as EndNote, Reference Manager, and ProCite; in fact, citations from these programs can be easily imported into RefWorks or vice versa. RefWorks differs from these other programs in that the personally created databases (libraries, folders) are stored on the RefWorks web server and can be accessed through the University Library institutional account via the Web from wherever you happen be. In addition, lab groups may choose to "share" an account, which allows all the members of a group to have access to the same pool of references for writing papers, grants, etc.

Read more about RefWorks, sign up for an account, and start using it! Go to: <http://www.library.illinois.edu/refworks>.

RefWorks has been licensed for use by anyone at the U of I; sign up for your free individual account(s). Please feel free to tell your students about it and urge them to create a login so they can use it to build bibliographies for their papers. Purchased jointly through funds from the Library and CITES. Contact Katie Newman if you'd like a training session for your lab group.

Scholarly Communication Issues, IDEALS, and Open Access

Are you interested in learning how you can provide wider readership for your research articles? Consider depositing them in the University's open access archive (IDEALS, <http://www.ideals.illinois.edu/>), or publish them in an open access fashion. Learn more about your open access options, and the many issues that surround the crisis in scholarly communication at the U of I Scholarly Communication website: <http://www.library.illinois.edu/scholcomm/>. Or contact Katie Newman!

Journal Abbreviation Help

Do you need to find the full title of a journal, when all you have is the abbreviated title, or vice versa? We've compiled a list of online resources that will assist you. Take a look: <http://www.library.illinois.edu/biotech/j-abbrev.html>

Biotechnology Information Center's Blog: BIC News

To keep up to date on Library news, visit the Biotechnology Information Center's Blog, <http://www.library.illinois.edu/blog/bicnews/>. If you're using an RSS reader, add BIC News to your feeds!

Didn't find what you need?

Give me a call or drop me a line! I also am available to teach research literature skills to lab groups, etc.

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