

LinkOut Review

VAMC Bedford, Thu, Sep 24, 2009, 10am – 11:15 am

Mark Goldstein, NN/LM NER

LinkOut Representative



Last Major Update

- **Library Submission Utility (SU2) – Apr'08**
- **Changes to internal architecture & procedures**
 - ✓ Improved design for future growth
 - ✓ Improved layout & navigation
 - ✓ Expanded functionalities
 - automated password resend
 - improved LinkOut holdings management

E-Journals

- LO program uses existing links created by providers (i.e., publishers and aggregators).
- It follows your institution's (IP) authentication rules.
- Holdings info is stored via an easy-to-use interface.

☐ AACN clinical issues 1079-0713
Publisher: Lippincott Williams & Wilkins
 Ovid Technologies, Inc.
 All available, delayed 0 months
 Subscription effective Mon 1995 To Mon Subsequent Years , delayed 0 months
 Retained for the last 1 years

☐ ACP journal club 1056-8751
Publisher: American College of Physicians-American Society of Internal Medicine
 EBSCO
 All available, delayed 0 months
 Subscription effective Mon 2002 To Mon Subsequent Years , delayed 0 months
 Retained for the last 1 years

Print Journals

- Print holdings loaded from DOCLINE (SERHOLD records).
- Non-SERHOLD libraries can upload text file.

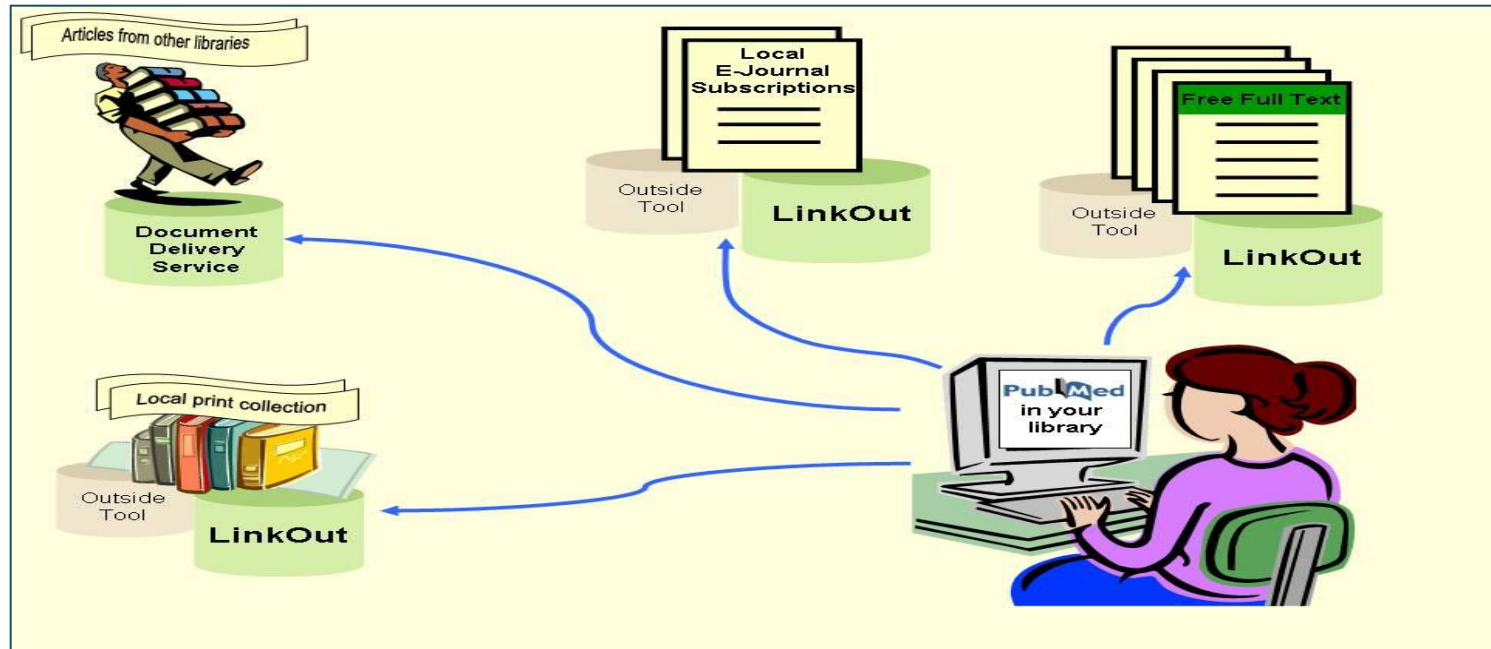
The screenshot shows the 'Print Holdings: LinkOut-SERHOLD (svhwlib)' page. At the top, there is a navigation bar with 'NCBI' logo, 'HOME', 'HELP', 'LinkOut.' logo, 'LIBRARY SUBMISSION UTILITY', and a 'Sign Out' button. Below the navigation bar are links for 'Provider Lists', 'Journal Lists', and 'Submission Utility Main Page'. The main content area is titled 'Print Holdings: LinkOut-SERHOLD (svhwlib)' and contains a form with the following fields and buttons:

- Current Status:** Your library provides print holdings using LinkOut-SERHOLD.
- Collection:**
 - LIBID*:** Text input field containing 'MAUSVW'. Below it is an 'Add LIBID' button.
 - Print Collection Location* (Max. 250 chars.):** Text input field containing 'St. Vincent Hospital Library'. To its right is a 'DELETE' button.
- Catalog URL:** Text input field containing 'http://maple.cybertoolsforlibraries.com/cgi-b'. To its right are 'Save' and 'Cancel' buttons.

At the bottom of the form area is a 'Return to Main Page' button. Below the form area, there is a footer with the following text: 'Write to LinkOut', 'NCBI | NLM | NIH', 'Department of Health & Human Services', 'Freedom of Information Act | Disclaimer'.



Why You Should Use LinkOut



- ❑ *To allow limiting of PubMed (PM) searches to local holdings;*
- ❑ *To link users from PM citations to full-text electronic articles in collection;*
- ❑ *To link users to library's print holdings through DOCLINE Serial Holdings; and*
- ❑ *To link users to library's local link resolver / local service to access articles.*

How LinkOut Works

- **Publisher provides URL of full-text article to NCBI – referred to as the “primary” link!**
- **Library registers via NCBI for LinkOut.**
- **Library enters holdings to link journal titles in PubMed -- referred to as the “secondary” link!**
- **LinkOut displays library-specific icons in PubMed’s *Abstract* and *Citation* formats.**
- **Library’s icons link to the full-text article or print holdings record.**



Steps to Setting Up LinkOut

- 1. Familiarize**
- 2. Organize**
- 3. Register**
- 4. Enter Holdings**
- 5. Provide Icon**
- 6. Activate**

Step 1: Familiarize

Getting to Know LinkOut



Visit These Web Pages

➤ **Link Out and Library Holdings:**

<http://www.ncbi.nlm.nih.gov/entrez/linkout/doc/liblinkout.html>

➤ **Frequently Asked Questions for LinkOut Libraries:**

<http://www.ncbi.nlm.nih.gov/projects/linkout/doc/liblofaq.shtml>

➤ **Tutorial: Setting Up LinkOut for Libraries:**

<http://www.ncbi.nlm.nih.gov/entrez/linkout/doc/linktutorial.html>



LinkOut from PubMed Interface

The screenshot shows the PubMed website interface. On the left, there is a blue sidebar with the following sections:

- About Entrez
 - Text Version
- Entrez PubMed
 - Overview
 - Help | FAQ
 - Tutorials
 - New/Noteworthy
 - E-Utilities
- PubMed Services
 - Journals Database
 - MeSH Database
 - Single Citation Matcher
 - Batch Citation Matcher
 - Clinical Queries
 - Special Queries
 - LinkOut
 - My NCBI
- Related Resources
 - Order Documents
 - NLM Mobile
 - NLM Catalog
 - NLM Gateway

The main content area features the PubMed logo and navigation tabs for All Databases, PubMed, Nucleotide, Protein, Genome, and Structure. A search bar is present with the text "Search PubMed for". Below the search bar are buttons for Limits, Preview/Index, History, Clipboard, and Details. A yellow callout box with a black border points to the "LinkOut" option in the sidebar. The callout box contains the text: "From PubMed's left blue sidebar -- select 'LinkOut' under header 'PubMed Services'." Below the callout box, there is a green-bordered box containing information about the NIH Public Access Policy, including the question "Does NIH fund your work?" and instructions on how to deposit manuscripts in PubMed Central.

LinkOut and Library Holdings

The screenshot shows the NCBI LinkOut website interface. At the top left is the NCBI logo. The main header features the LinkOut logo and the text 'INFORMATION FOR LIB'. Below the header is a navigation bar with links for 'HOME', 'HELP', 'FAQ', 'Provider Lists', 'Journal Lists', and 'File Validation'. The 'Libraries' tab is selected and highlighted in yellow. A callout box points to this tab with the text 'Select "Libraries" tab.' Below the navigation bar, the 'Libraries' section is active, displaying a list of links: 'Library Submission Utility', 'Frequently Asked Questions (FAQs) for LinkOut Libraries', 'LinkOut Help', 'LinkOut Provider and Journal Lists', and 'Providers that Submit Holdings Information on Behalf of Libraries'. Another callout box points to the 'LinkOut Help' link with the text 'Select "LinkOut Help" for all pertinent documentation related to LinkOut.' Below this list are sections for 'PubMed & OpenURL-based Services', 'Document Delivery Service (DDS)', 'Localize PubMed', 'Training and Promotion', 'LinkOut Meetings', and 'Contact Information and Mailing Lists'.



LinkOut Help & Documentation

LinkOut Help
The National Library of Medicine

[Help Manual Contents](#) | [LinkOut Help Contents](#) [Other books @ NCI](#)

Search

This book All NCBI Help Manual books
 All books PubMed

Navigation

About this book

→ **Information for Libraries**

[How LinkOut Works for Libraries](#)
[Setting Up Links to Library Holdings](#)
[Before Registering](#)
[Managing Library Holdings in the Submission Utility](#)
[Managing Library Holdings using a Local Link Resolver \(LinkOut Local\)](#)
[PubMed and OpenURL-based Services](#)
[Viewing Library Links and Icons in PubMed](#)
[Localizing PubMed for Your Users](#)

LinkOut Help

Created: July 18, 2005
Updated: April 15, 2008

Information for Libraries

LinkOut provides direct links from PubMed and other Entrez databases to a wide range of information and services beyond the Entrez system. LinkOut aims to facilitate access to relevant online resources to extend, clarify, and supplement information found in the Entrez databases. LinkOut resources include full-text publications, biological databases, consumer health information, research tools, and more (see [examples of LinkOut resources](#)).

Through LinkOut, links specially assigned to specific citations and database records provide direct access to relevant external resources.

“Information for Libraries” contains the information you need to set up and support LinkOut for your library and users.

For answers to Frequently Asked Questions, see the [FAQ for LinkOut Libraries](#).

For additional information about the various types of links found in Entrez, please see [Databases](#) in [Entrez Help](#).

Done

Step 2: Organize

Everything in Its Place



Things to Do Beforehand

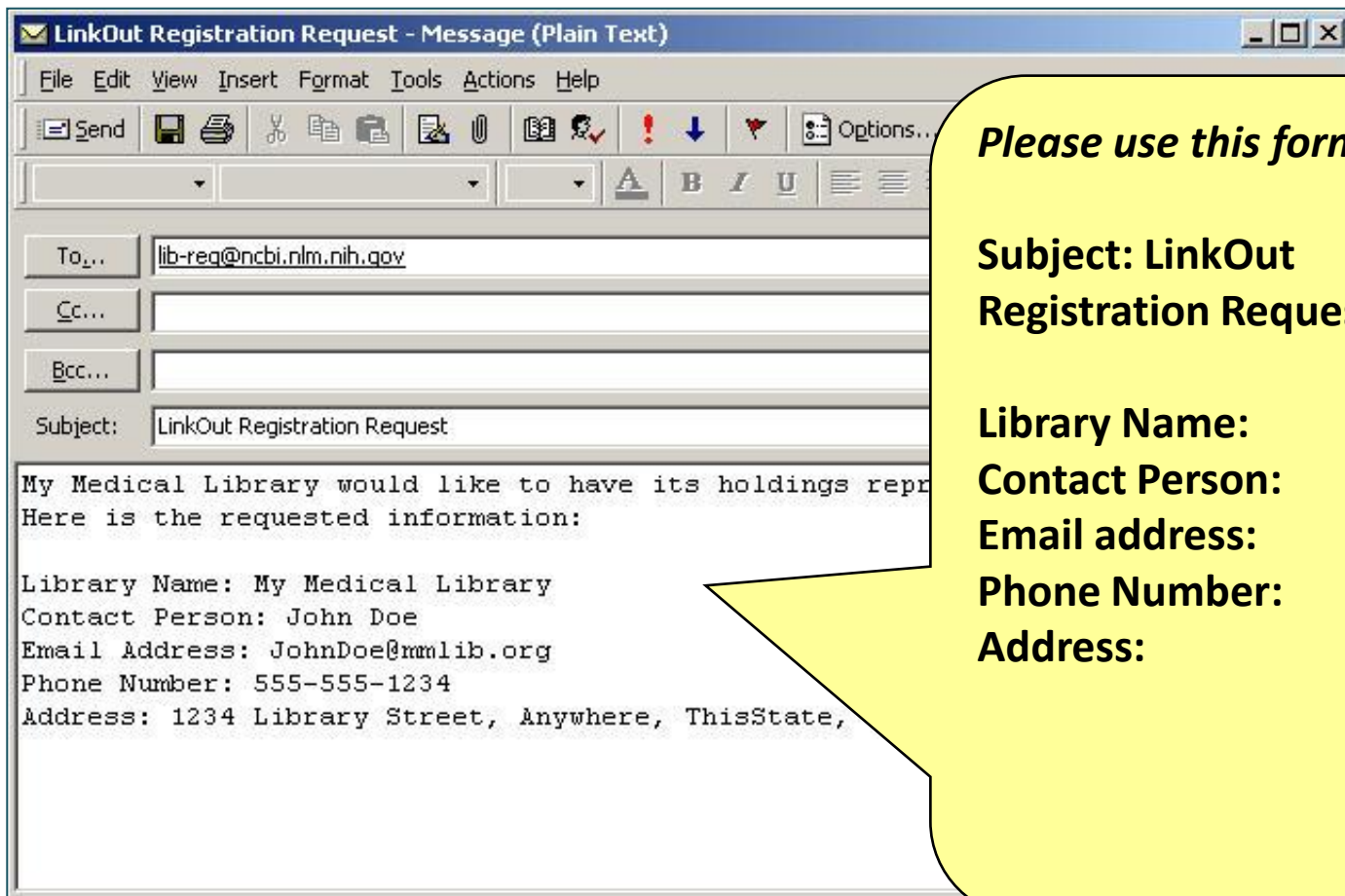
- **Discuss LinkOut program with library staff.**
- **Assign “contact person” for program maintenance.**
- **Store contact information in DOCLINE’s Institution Record.**
- **Compile list of vendor/publisher names w/titles, years.**
- **Analyze online journal licensing agreements.**
- **Contact providers to join or add holdings, if necessary.**

Step 3: Register

Introduce Yourself



Send Email: lib-reg@ncbi.nlm.nih.gov



Please use this format --

**Subject: LinkOut
Registration Request**

**Library Name:
Contact Person:
Email address:
Phone Number:
Address:**



LinkOut Writes Back

- **Within a week, NLM will send back email containing assigned username & password:**
 - User Name: **umalib**
 - Password: **Br76D** (*note: case sensitive!*)

- **User Name is used in two ways:**
 - To gain access to files through the Submission utility
 - To identify your library & to activate your icon in PubMed searches

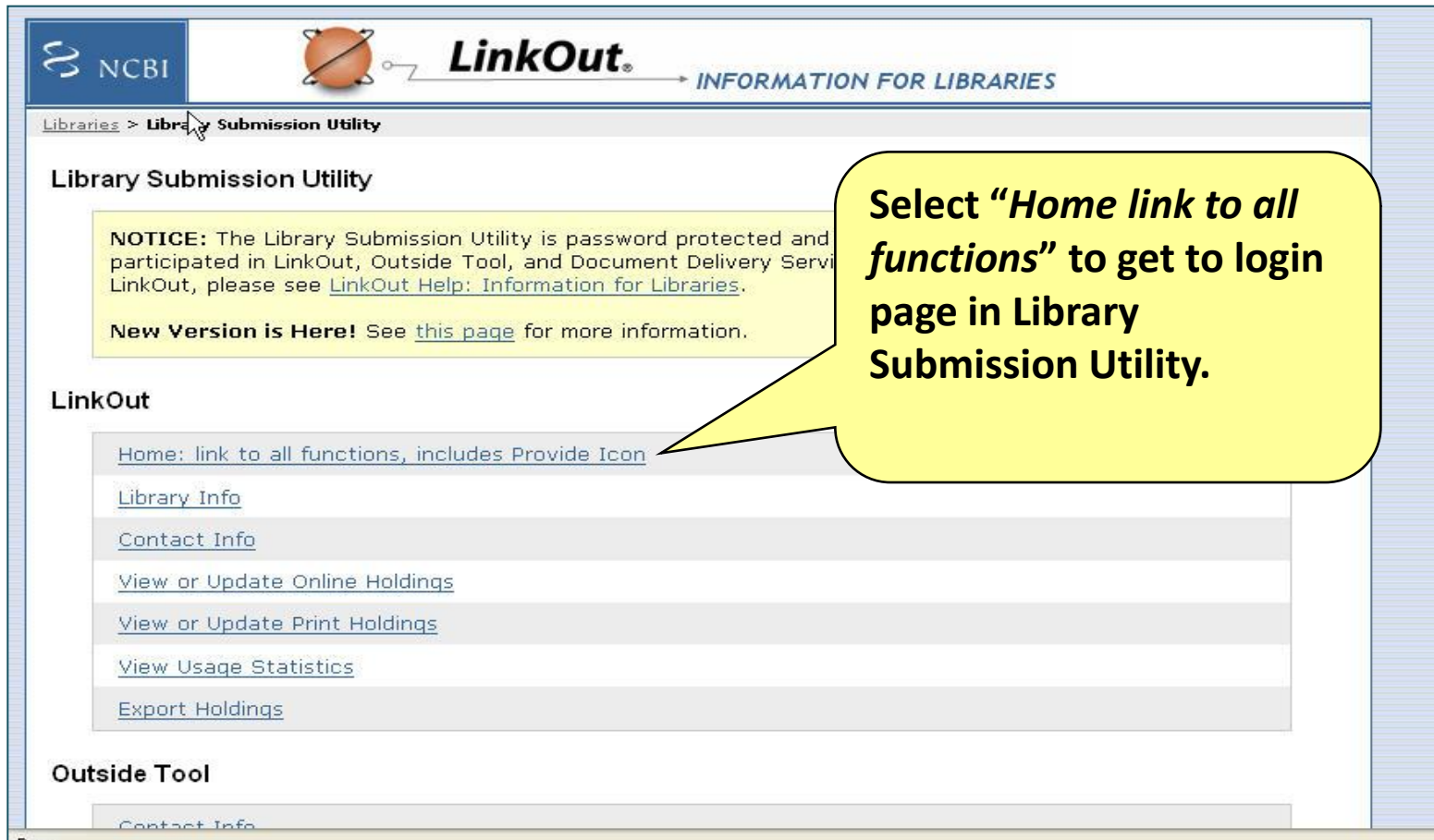



Step 4: Enter Holdings via Library Submission Utility

Sign In, Complete ID Info, Enter Holdings



The Library Submission Utility



NCBI  **LinkOut** → INFORMATION FOR LIBRARIES

Libraries > **Library Submission Utility**

Library Submission Utility

NOTICE: The Library Submission Utility is password protected and participated in LinkOut, Outside Tool, and Document Delivery Service. For more information on LinkOut, please see [LinkOut Help: Information for Libraries](#).

New Version is Here! See [this page](#) for more information.

LinkOut

- [Home: link to all functions, includes Provide Icon](#)
- [Library Info](#)
- [Contact Info](#)
- [View or Update Online Holdings](#)
- [View or Update Print Holdings](#)
- [View Usage Statistics](#)
- [Export Holdings](#)

Outside Tool

- [Contact Info](#)

Select "Home link to all functions" to get to login page in Library Submission Utility.

The Library Submission Utility

NCBI

LinkOut. LIBRARY SUBMISSION UTILITY

HOME HELP Provider Lists Journal Lists Submission Utility Main Page

Sign In

The Library Submission Utility is password protected and only available to libraries that partipate in LinkOut, Outside Tool or Document Delivery. Registration information for these services, can be found at [LinkOut Help: Information for Libraries](#).

Note: User Name and Password are case sensitive.

User Name:

Password:

[I forgot my password](#)

Log in to Submission Utility.



Using the Submission Utility

NCBI **LinkOut.** LIBRARY SUBMISSION UTILITY [Sign Out](#)

HOME HELP Provider Lists Journal Lists Submission Utility Main Page

VA Medical Center Library, Manchester NH

LinkOut OutsideTool Document Delivery

LinkOut displays links to your holdings

PubMed Contact Info Librarian

LinkOut Options for PubMed
[View or Update Online Holdings](#)
[View or Update Print Holdings](#)
[View Usage Statistics](#)
[Export Holdings](#)

PubMed Holdings
 You have 1577 journals (1968 entries) in your online and print holdings for PubMed. When a patron views a citation for any of these articles on PubMed, they see an icon for an article in your holdings.

The icon(s), or the icon(s) located at the URLs, shown below appear when a user views a citation to which you are linked. Clicking the icon links the user to the full text from your selected provider or to a record of your library's print holdings.

Full-Text Icon/Icon URL	Print Collection Icon/Icon URL
<div style="background-color: #000080; color: white; padding: 5px; display: inline-block;">VA Manchester</div> <input type="button" value="Change"/>	<input type="text" value="http://www.n.../lib-pricon.gif"/> <input type="button" value="Change"/>

Here's a link to the Library Submission Utility Main Page.

The number of links to journal titles (online + print) stored with the LO program.



Using the Submission Utility

NCBI **LinkOut** LIBRARY SUBMISSION UTILITY [Sign Out](#)

[HOME](#) [HELP](#) [Provider Lists](#) [Journal Lists](#) [Submission Utility Main Page](#)

VA Medical Center Library, Manchester NH

[LinkOut](#) [OutsideTool](#) [Document Delivery](#)

LinkOut displays links to your holdings in PubMed search results

[PubMed](#) **Contact Info**

LinkOut User Name: vamnhlib [What's this?](#) PrId: 3752 [What's this?](#)

Contact Name	Contact Email
Joan Bostwick	joan.bostwick@va.gov

Here is where you tell LinkOut who your library contact person is and how they can be contacted.

The contact person information is not publicly available.



Using SU2: Edit Library Identity

NCBI **LinkOut.** LIBRARY SUBMISSION UTILITY [Sign Out](#)

[HOME](#) [HELP](#) [Provider Lists](#) [Journal Lists](#) [Submission Utility Main Page](#)

VA Medical Center Library, Manchester NH

[LinkOut](#) [OutsideTool](#) [Document Delivery](#)

LinkOut displays links to your holdings in PubMed search results.

[PubMed](#) [Contact Info](#) **Library Info**

LinkOut User Name: vamnhlib [What's this?](#) **PrId:** 3752 [What's this?](#)

Library Name	VA Medical Center Library, Manchester NH
Description	
Display Name	VA MANCHESTER
Public URL	http://www.visn1.med.va.gov/manchester

[Edit](#)

Here is where you tell LinkOut information about your library.



Edit Your Online Holdings

NCBI **LinkOut** LIBRARY SUBMISSION UTILITY [Sign Out](#)

HOME HELP [Provider Lists](#) [Journal Lists](#) [Submission Utility Main Page](#)

VA Medical Center Library, Manchester NH

LinkOut **OutsideTool** **Document Delivery**

LinkOut displays links to your holdings in PubMed search results.

PubMed [Contact Info](#) [Library Info](#)

LinkOut Options for PubMed

- [View or Update Online Holdings](#)
- [View or Update Print Holdings](#)
- [View Usage Statistics](#)
- [Export Holdings](#)

The icon(s), or the icon(s) located at the URLs, shown below appear when a user...
Clicking the icon links the user to the full text from your selected provider or to a record of your library's print holdings.

Full-Text Icon/Icon URL

VA Manchester

Print Collection Icon/Icon URL

<http://www.n.../lib-pricon.gif>

This will bring you to the Library Holdings page.

Have list of journal titles, years, and providers available



NCBI **LinkOut.** LIBRARY SUBMISSION UTILITY [Sign Out](#)

[HOME](#) [HELP](#) [Provider Lists](#) [Journal Lists](#) [Submission Utility Main Page](#)

Online Holdings (vamnhlib)

[Browse](#) [Search](#)

Browse [Journal](#) or [Providers](#), or use [Search](#) to search by journal title, title abbreviation, or ISSN. [What if my journal's not listed?](#)

Browse: **Journals** [Providers](#)

Show: All Just my holdings New Journals [What's this?](#)

[Just My Holdings](#) > **AA** - **American journal of physiology** (63 titles, not including holdings [vendors sent for my library.](#))


Click "Update" to save changes BEFORE leaving this page. [Open all](#) [Close all](#)

AANA journal 0094-6354
Publisher: American Association of Nurse Anesthetists
 ProQuest Information and Learning
 All available, delayed months
 Subscription effective To , delayed months
 Retained for the last years

AAOHN journal : official journal of the American Association of Occupational Health Nurses 0891-0162
Publisher: Charles B Slack
 ProQuest Information and Learning
 All available, delayed months
 Subscription effective To , delayed months



Edit Your Online Holdings

NCBI  **LinkOut** LIBRARY SUBMISSION UTILITY [Sign Out](#)

HOME HELP [Provider Lists](#) [Journal Lists](#) [Submission Utility Main Page](#)

Online Holdings

Browse **Search** [Preferences](#)

Browse [Journal](#) or [Providers](#), or use [Search](#) to search by journal title, title
[What if my journal's not listed?](#)

Browse: **Journals** [Providers](#)

Show: All Just my holdings New Journals [What's th](#)

New Journals (4495 titles)

Select a letter range to browse journals by

2

20 century British history (1)

A

A. - Acta psychiatrica (65)
 Acta psychologica - Aging c (64)
 Agricul - American journal of infectio (63)
 American journal of medical - Andrologia (65)
 Anesthesia - Antarctic s (65)
 Anthropolog - Archives of g (65)
 Archives of i - Australasian jou (65)
 Australasian phy - Av (31)

B

Ba - Biog (64)
 Bioi - Biotechnic & hi (65)
 Biotechnoloav a - British journal of commun (65)

JAA - Jo...
 Journal of applied developmental - Journal of biop (65)
 Journal of bios - Journal of clinical forensic medicine (65)
 Journal of clinical hypertension (Greenw - Journal of cryst (65)
 Journal of cutan - Journal of Europea (65)
 Journal of evaluat - Journal of groups in (65)
 Journal of gynecolog - Journal of interferon (65)
 Journal of internal me - Journal of medicinal che (65)
 Journal of medicine and - Journal of neuroscience n (65)
 Journal of neuroscience r - Journal of peptide science (65)
 Journal of perianesthesia n - Journal of public



Edit Your Online Holdings

The screenshot shows the NCBI LinkOut Library Submission Utility interface. At the top, there is a navigation bar with the NCBI logo, 'HOME', 'HELP', and a 'Sign Out' button. The main content area is titled 'Online Holdings (svhwlib)'. Below this, there are 'Browse' and 'Search' buttons. A yellow callout box points to the 'Browse' button with the text 'Here we're browsing by Journal (titles)'. Underneath, there is a link: 'Browse [Journal](#) or [Providers](#), or [What if my journal's not listed?](#)'. Below this, there are tabs for 'Browse: Journals' (selected) and 'Providers'. There are also radio buttons for 'Show: All', 'Just my holdings', and 'New Journals' (selected). The main content area shows a list of journals under the heading 'New Journals > AA - American ed (65 titles)'. A note says 'Click "Update" to save changes BEFORE leaving this page.' There are 'Open all', 'Close all', 'Update', and 'Cancel' buttons. The list of journals includes:

- ⊕ The AAPS journal 1550-7416
- ⊕ AAPS PharmSciTech 1530-9932
- ⊕ Abdominal imaging 0942-8925
- ⊕ Academic emergency medicine : official journal of the Society for Academic Emergency Medicine 1069-6563
- ⊕ ACM transactions on knowledge discovery from data 1556-4681
- ⊕ Acta anaesthesiologica Scandinavica, Supplementum 0515-2720
- ⊕ Acta anaesthesiologica Scandinavica 0001-5172
- ⊕ Acta anaesthesiologica Taiwanica : official journal of the Taiwan Society of Anesthesiologists 1875-4597
- ⊕ Acta applicandae mathematicae 0167-8019
- ⊕ Acta biochimica et biophysica Sinica 1672-9145
- ⊕ Acta biotheoretica 0001-5342
- ⊕ Acta dermato-venereologica 0001-5555
- ⊕ Acta materialia 1359-6454
- ⊕ Acta medica Austriaca 0303-8173
- ⊕ Acta neurobiologiae experimentalis 0065-1400
- ⊕ Acta neurologica Scandinavica, Supplementum 0065-1427



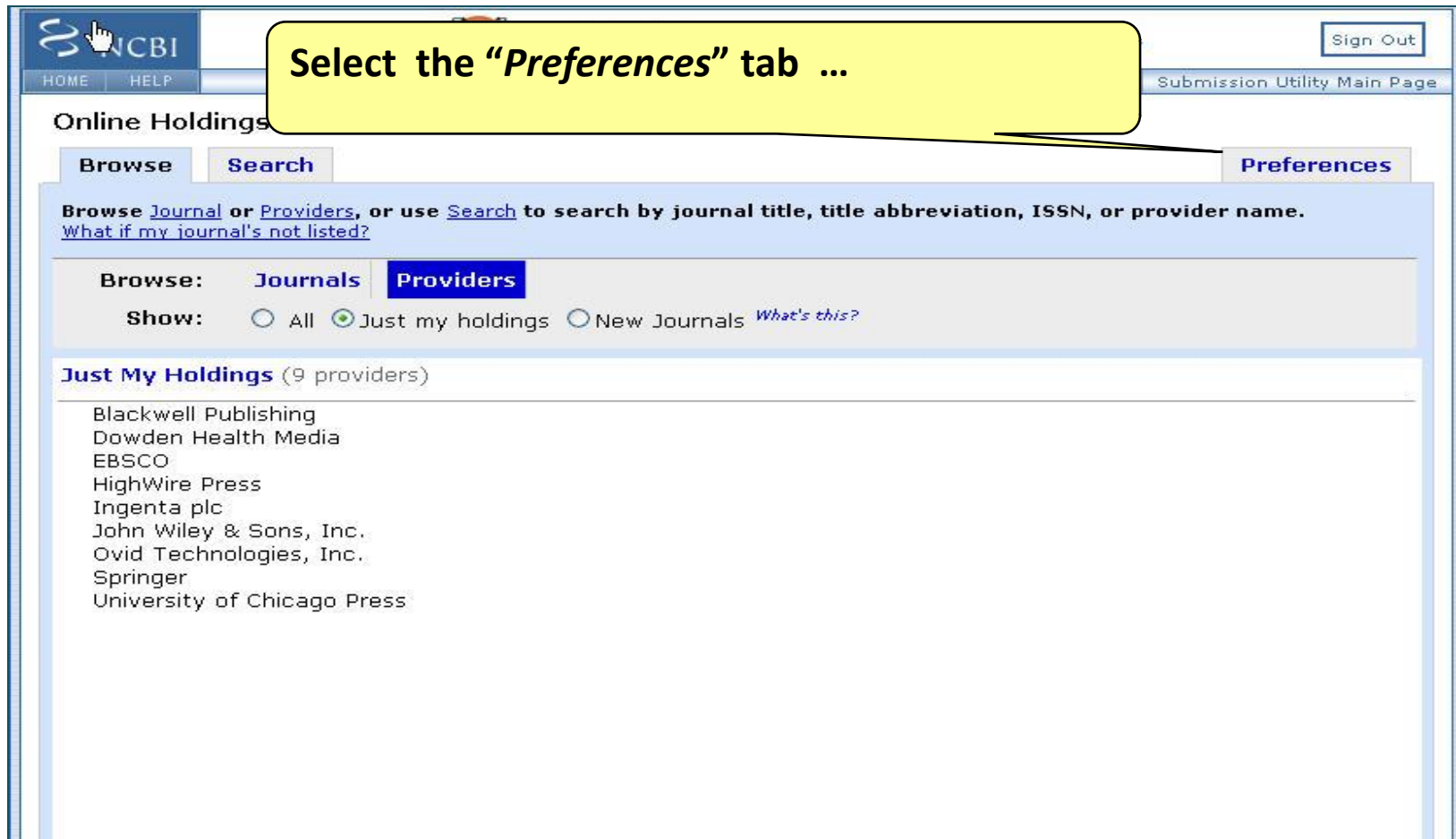
Edit Your Online Holdings

The screenshot shows the NCBI LinkOut LIBRARY SUBMISSION UTILITY interface. At the top, there is a navigation bar with the NCBI logo, a 'HOME' link, a 'HELP' link, and a 'Sign Out' button. The main content area is titled 'Online Holdings' and has two tabs: 'Browse' and 'Search'. Below the tabs, there is a search instruction: 'Browse [Journal](#) or [Providers](#), or use [Search](#) to search by journal title, title abbreviation, ISSN, or provider name. [What if my journal's not listed?](#)'. The 'Browse' section has two sub-tabs: 'Journals' and 'Providers', with 'Providers' currently selected. Below this, there are radio buttons for 'Show: All', 'Just my holdings' (which is selected), and 'New Journals'. A link 'What's this?' is next to 'New Journals'. The 'Just My Holdings' section shows '(9 providers)' and lists the following providers: Blackwell Publishing, Dowden Health Media, EBSCO, HighWire Press, Ingenta plc, John Wiley & Sons, Inc., Ovid Technologies, Inc., Springer, and University of Chicago Press. Two yellow callout boxes are present: one pointing to the 'Providers' tab with the text 'Now we're browsing by Providers ...', and another pointing to the 'Just My Holdings' section with the text 'and "Just My Holdings".'

Preferred Provider

- When multiple providers are selected for the same journal and date range, LinkOut automatically assigns the links in the following priority:
 1. PMC
 2. Publishers (alphabetically)
 3. Aggregators (alphabetically)
- *Preferred Provider* allows libraries to override this priority ... simply select the *Preferences* tab.
- You can select a preferred provider for individual journals as well.

Preferences



The screenshot shows the NCBI Submission Utility Main Page. A yellow callout box with a black border points to the "Preferences" tab, which is highlighted in blue. The page header includes the NCBI logo, a "Sign Out" button, and navigation links for "HOME" and "HELP". The main content area is titled "Online Holdings" and features three tabs: "Browse", "Search", and "Preferences". Below the "Browse" tab, there is a section for "Browse: Journals Providers" with radio buttons for "All", "Just my holdings" (selected), and "New Journals". A link "What's this?" is next to "New Journals". Below this, the "Just My Holdings" section shows a list of 9 providers: Blackwell Publishing, Dowden Health Media, EBSCO, HighWire Press, Ingenta plc, John Wiley & Sons, Inc., Ovid Technologies, Inc., Springer, and University of Chicago Press.

NCBI

HOME HELP

Submission Utility Main Page

Sign Out

Online Holdings

Browse Search Preferences

Browse [Journal](#) or [Providers](#), or use [Search](#) to search by journal title, title abbreviation, ISSN, or provider name.
[What if my journal's not listed?](#)

Browse: Journals Providers

Show: All Just my holdings New Journals [What's this?](#)

Just My Holdings (9 providers)

- Blackwell Publishing
- Dowden Health Media
- EBSCO
- HighWire Press
- Ingenta plc
- John Wiley & Sons, Inc.
- Ovid Technologies, Inc.
- Springer
- University of Chicago Press

Preferences

Then , Select a Provider as the *“Default Preferred Provider”*.

Library links will display on citations for which the default Preferred Provider is selected as a full-text provider.

Online Holdings (vamnhlib)

[Browse](#) [Search](#)

Preferred Provider

You have not selected a default Preferred Provider. [What's this?](#) [Change](#)

Click the journal title to change the preferred provider selected for the journal.

View: **Journals with a Preferred Provider Selected** Journals with more than 1 provider selected

Algorithms for molecular biology : AMB	PubMed Central
--	----------------



Searching for Journals

NCBI **LinkOut.** LIBRARY SUBMISSION UTILITY [Sign Out](#)

HOME HELP [Provider Lists](#) [Journal](#)

Online Holdings

Browse **Search**

Search for [Journals](#) by title/title abbreviation/ISSN, [provider name](#) or [publisher name](#), or use [What if my journal's not listed?](#)

Find: in [Journals](#)

Show: All Just My Holdings New Journals [What's this?](#)

[Write to LinkOut](#)
[NCBI](#) | [NLM](#) | [NIH](#)
 Department of Health & Human Services
[Freedom of Information Act](#) | [Disclaimer](#)

You may search for journals: by title, title abbreviation, or ISSN.



When you don't see your provider ...

The screenshot shows the PubMed website interface. At the top, there is the NCBI logo and the PubMed logo with the text "A service of the U.S. National Library of Medicine and the National Institutes of Health". Below this is a navigation bar with tabs for "All Databases", "PubMed", "Nucleotide", "Protein", "Genome", "Structure", "OMIM", "PMC", and "Journals". A search bar is present with the text "Search PubMed for" and buttons for "Go", "Clear", and "Advanced Search".

On the left side, there is a vertical menu with options like "About Entrez", "Text Version", "Entrez PubMed", "Overview", "Help | FAQ", "Tutorials", "New/Noteworthy", "E-Utilities", "PubMed Services", "Journals Database", "MeSH Database", "Single Citation", "Matcher", "Batch Citation Matcher", "Clinical Queries", "Special Queries", "LinkOut", and "My NCBI".

The main content area shows search results. At the top of the results, there are buttons for "Limits", "Preview/Index", "History", "Clipboard", and "Details". Below these are controls for "Display" (set to "LinkOut"), "Show" (set to "20"), "Sort By", and "Send to". There is also a "Review" button.

The search results list one entry: "1: Hak E et al. Rationale and design of CAPIT... [PMID: 18990781]". To the right of this entry is a link for "Related Articles, Links". Below the entry, there are sections for "Full Text Sources" and "Libraries". In the "Full Text Sources" section, there is a purple diamond icon next to the text "van Zuren Swets Information Services Full Text".

Two yellow callout bubbles are present. The first bubble, located in the upper right, contains the text "Select 'Links', then 'LinkOut'". The second bubble, located in the lower right, contains the text "... and look for purple diamond." and has a line pointing to the purple diamond icon in the search results.

Ex. NEJM may be your publisher, but your "provider" (primary link) is supplied by Highwire Press.



Print Holdings

NCBI **LinkOut.** LIBRARY SUBMISSION UTILITY Sign Out

HOME HELP Provider Lists Journal Lists Submission Utility Main Page

St. Vincent Hospital - Worcester Medical Center Library, MA

LinkOut **OutsideTool** **Document Delivery**

LinkOut displays links to your holdings in PubMed search results.

PubMed [Contact Info](#) [Library Info](#)

LinkOut Options for PubMed

- [View or Update Online Holdings](#)
- [View or Update Print Holdings](#)
- [View Usage Statistics](#)
- [Export Holdings](#)

PubMed Holdings

You have 185 journals / 995 articles

a citation for any of these articles, you will see a link to that article in your PubMed search results.

The icon(s), or the icon(s) located at the URLs, shown below appear when a user views a citation to which you provide links. Clicking the icon links the user to the full text from your selected provider or to a record of your library's print holdings.

Full-Text Icon/Icon URL

SVH Library
E-Journal Collection Change

Print Collection Icon/Icon URL

SVH Library
Print Collection Change

Select "View or Update Print Holdings".



Print Holdings

NCBI **LinkOut.** LIBRARY SUBMISSION UTILITY Sign Out

HOME HELP Provider Lists Journal Lists Submission Utility Main Page

St. Vincent Hospital - Worcester Medical Center Library, MA

LinkOut **OutsideTool** **Document Delivery**

LinkOut displays links to your holdings in PubMed search results.

PubMed [Contact Info](#) [Library Info](#)

LinkOut Options for PubMed

- [View or Update Online Holdings](#)
- [View or Update Print Holdings](#)
- [View Usage Statistics](#)
- [Export Holdings](#)

PubMed Holdings

and print holdings for PubMed...
a citation for any of these articles...
see a link to that article in your holdings.

The icon(s), or the icon(s) located at the URLs, shown below appear when a user views a citation to which you provide links. Clicking the icon links the user to the full text from your selected provider or to a record of your library's print holdings.

Full-Text Icon/Icon URL

SVH Library
E-Journal Collection Change

Print Collection Icon/Icon URL

SVH Library
Print Collection Change

Select "View or Update Print Holdings".



Print Holdings

- **SERHOLD print holdings info is transferred to LinkOut daily.**
- **Print holdings information will only be presented for PubMed titles and *for the ranges* of PubMed citations that a library carries.**

(For example: if your library has all volumes of a title except volume 5, links to holdings information will not appear in the PubMed citations for volume 5 of that title.)

- **SERHOLD is currently available for libraries in the United States, and for some libraries in Canada and Mexico.**



Step 5: Provide an Icon

Provide an icon to identify your library holdings



Create Icons For PubMed



- **Create icon(s) to represent your library:**
- **Follow these design parameters:**
 - Recommended size: 100x25 pixels (150x35 max)
 - Should look like a button
 - Should have an outline
 - Not have a white or transparent background.
 - Readable and easily recognized
 - gif, jpg, or png

Default Icons

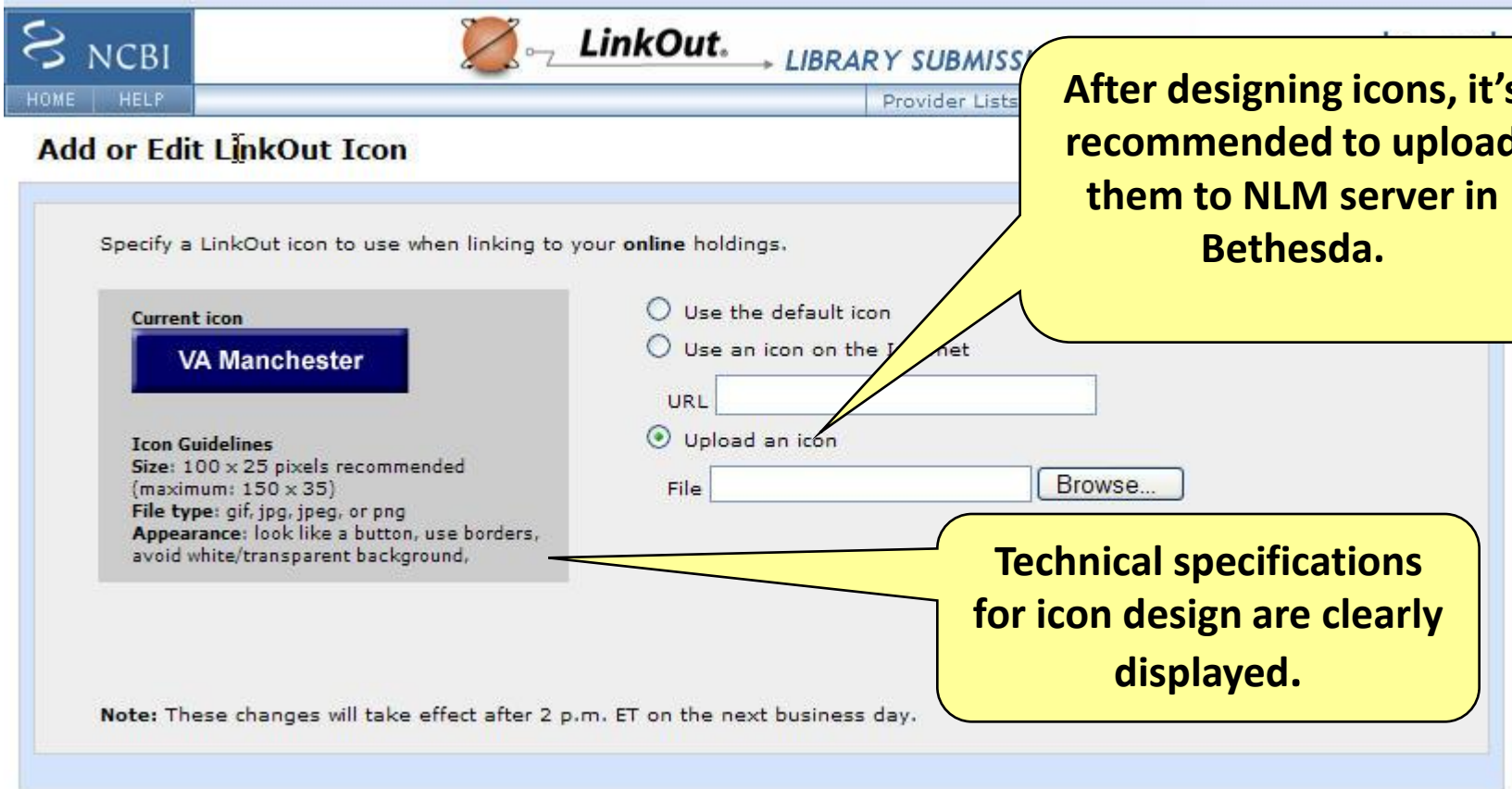
If you do not create icon(s), PubMed will generate default buttons:

A blue rectangular button with rounded corners and a slight 3D effect. The text "Online Full-text" is written in a yellow, italicized font.A yellow rectangular button with rounded corners and a slight 3D effect. The text "Local Print Collection" is written in a black, sans-serif font.

Marketing for your library is important – create your own icons!



Upload Icons Via Submission Utility




NCBI **LinkOut** LIBRARY SUBMISSIONS

HOME HELP Provider Lists

Add or Edit LinkOut Icon

Specify a LinkOut icon to use when linking to your **online** holdings.

Current icon


Icon Guidelines
Size: 100 × 25 pixels recommended (maximum: 150 × 35)
File type: gif, jpg, jpeg, or png
Appearance: look like a button, use borders, avoid white/transparent background,

Use the default icon
 Use an icon on the Internet
 URL
 Upload an icon
 File

Note: These changes will take effect after 2 p.m. ET on the next business day.

After designing icons, it's recommended to upload them to NLM server in Bethesda.

Technical specifications for icon design are clearly displayed.

Step 6: Activate Links

Activate links to full text



Step 6: Activate Links

- **When you UPDATE input of holdings, the Submission Utility will record changes in NCBI's LinkOut database.**
- **Your library icons will be available in PubMed the next business day after you update files.**
- **Your library icon will display on the *Abstract and Citation* display for those citations that were entered in the Submission Utility session.**



Ways to Activate Library Icons

Library icons may be activated in PubMed, by:

METHOD A. → SPECIAL URL

http://www.ncbi.nlm.nih.gov/sites/entrez?&holding=NameAbbr_fft

METHOD B. → SHARED MyNCBI account

[http://www.ncbi.nlm.nih.gov/sites/entrez?&myncbishare=MyNCBIUserName
&holding=NameAbbr_fft](http://www.ncbi.nlm.nih.gov/sites/entrez?&myncbishare=MyNCBIUserName&holding=NameAbbr_fft)

METHOD C. → INDIVIDUAL My NCBI account

See Flash tutorial displaying LinkOut icons using a special URL!



Special URL's

- When a user enters PubMed through a special URL, a cookie is placed in the workstation that instructs PubMed to set the preferences indicated by the URL.
- To use special URLs, the workstation must be able to accept cookies. Cookies will expire after 8 hours of inactivity; PubMed options will be reset to the default settings.
- You can set LinkOut preferences that will not time out on a workstation by signing the workstation into My NCBI and selecting "Keep me signed in unless I sign off".
- If you are using a special URL to localize PubMed for your users, you should create a button or link to this URL from your library website.

Access Library Icons via My NCBI

The screenshot displays the My NCBI website interface. At the top, the NCBI logo is on the left, and navigation links for Home, PubMed, GenBank, and BLAST are in the center. On the right, there are links for Sign In and My NCBI. Below the navigation bar, the My NCBI logo is prominently displayed. To the right of the logo, it states: "A division of the National Library of Medicine at the National Institutes of Health".

On the left side, there is a vertical menu with the following items: Table of Contents, My NCBI Home (highlighted), My Saved Data, Search Filters, Preferences, and About My NCBI. The main content area on the right is titled "Welcome to My NCBI" and contains a yellow box with the text: "Use My NCBI to save your searches and data, and to set NCBI Web site preferences [About My NCBI...](#)".

Below this box is the "Sign into My NCBI" section, which includes:

- Username:
- Password:
- Keep me signed in:
- Remember my username:
- Sign In button (green)

 To the right of the sign-in fields are four links: Register for an account, I forgot my username, I forgot my password, and About automatic sign in. At the bottom of the sign-in section, there is a link: [See more sign in options for My NCBI partner organizations.](#)

The footer contains links for Contact, Copyright, Disclaimer, Privacy, and Accessibility. Below these links is the text: "National Center for Biotechnology Information, U.S. National Library of Medicine, 8600 Rockville Pike, Bethesda MD, 20894 USA". On the right side of the footer are logos for the National Institutes of Health, NLM, and USA.gov.



Access Library Icons via My NCBI

NCBI PubMed A service of the U.S. National Library of Medicine and the National Institutes of Health www.pubmed.gov

My NCBI Welcome markg. [Sign Out]

All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search PubMed for ice cream headaches Go Clear Advanced Search (beta) Save Search

Limits Preview/Index History Clipboard Details

Display AbstractPlus Show 20 Sort By Send to

All: 22 Free full text: 6 **umasslib: 16**

Items 1 - 16 of 16 One page.

1: [Int J Dermatol.](#) 2006 Sep;45(9):1116-7. FULL TEXT AVAILABLE ONLINE Links WILEY InterScience® Bates Article Linker

Comment on: [Int J Dermatol.](#) 2004 Sep;43(9):687-92.

Ice cream headaches with cryotherapy of actinic keratoses.

[Burkhart CG](#), [Burkhart CN](#).

PMID: 16961530 [PubMed - indexed for MEDLINE]

University of MD HS/HSL (online) Online Article Print Holdings

Related Articles

- ▶ Idiopathic stabbing headache and experimental ice cream headache (short-lived headaches). [Eur Neurol. 2004]
- ▶ Ice cream headache--site, duration, and relationship to migraine. [Headache. 1992]
- ▶ Cryosurgery cure rate of actinic keratoses. [J Am Acad Dermatol. 1982]
- ▶ **Review** [Cryosurgical treatment of actinic keratoses and evidence-based review] [Hautarzt. 2005]
- ▶ **Review** [What takes place in the head? Migraine, cluster and tension headache] [Pharm Unserer Zeit. 2002]

» See Reviews... » See All...



Viewing Links as Icons in PubMed

- **Three types of LinkOut icons appear in PM by default:**
 - icons that link to PubMed Central
 - icons that link to free full text

1: [BMJ](#). 2005 Jun 4;330(7503):1301-2. Epub 2005 May 13. FREE full text article at [bmj.com](#) FREE full text article in PubMed Central Links

Newly diagnosed HIV infections: review in UK and Ireland.

[Sullivan AK](#), [Curtis H](#), [Sabin CA](#), [Johnson MA](#).

Chelsea and Westminster Healthcare NHS Trust, London SW10 9NH.
Ann.Sullivan@Chelwest.nhs.uk

PMID: 15894552 [PubMed - indexed for MEDLINE]

Related Links

- ▶ Prospective surveillance of sympathetic ophthalmia in the UK [Br J Ophthalmol. 2000]
- ▶ British Paediatric Surveillance Unit: annual report for [Commun Dis Rep CDR Wkly. 1999]
- ▶ The changing epidemiology of prevalent diagnosed HIV infe [Sex Transm Infect. 2005]

LinkOut Usage Statistics

NCBI **LinkOut** LIBRARY SUBMISSION UTILITY Sign Out

HOME HELP Provider Lists Journal Lists Submission Utility Main Page

St. Vincent Hospital - Worcester Medical Center Library, MA

LinkOut **OutsideTool** Document Delivery

LinkOut displays links to your holdings in PubMed search results.

PubMed [Contact Info](#) [Library Info](#)

LinkOut Options for PubMed

- [View or Update Online Holdings](#)
- [View or Update Print Holdings](#)
- [View Usage Statistics](#)
- [Export Holdings](#)

PubMed Holdings

You have 185 journals (205 entries) in your online and print holdings for PubMed. When a patron views a citation for any of these articles in PubMed, they see a link to that article in your holdings.

The icon(s), or the icon(s) located at the URLs, shown below appear when a user views a citation to which you provide links. Clicking the icon links the user to the full text from your selected provider or to a record of your library's print holdings.

Full-Text Icon/Icon URL **Print Collection Icon/Icon URL**

SVH Library E-Journal Collection

SVH Library Print Collection

NN/LM

Select "View Usage Statistics".

LinkOut Usage Statistics

Statistics for VA Medical Center Library, Manchester NH
Date: Sep 23, 2009

Choose the desired category:

Yearly

[Text Version](#)
Yearly:

	2009	2008
Total:	58	92
Acad Emerg Med	0	1
Am J Epidemiol	0	1
Am J Gastroenterol	0	1
Am J Med	0	1
Am J Nurs	2	0
Am J Psychiatry	0	3
Am J Public Health	1	0
Am J Respir Crit Care Med	0	1
Anesth Analg	0	1
Anesthesiology	1	0
Ann Surg	2	0

Select from dropdown:
 Daily
 Weekly
 Monthly
 Yearly

Select from dropdown:
 LinkOut Total
 LinkOut Full-Text LinkOut
 Print LinkOut
 Local holding=



LinkOut to M+ /Other Resources

The screenshot shows the PubMed LinkOut interface. At the top, there are tabs for Limits, Preview/Index, History, Clipboard, and Details. Below these are controls for Display (LinkOut), Show (20), Sort By, and Send to. A search bar shows 'All: 1' results, with 'Free full text: 0' and 'urnasslib: 1'.

The main content area displays the following text: "The following [LinkOut](#) resources are supplied by external providers. These providers are responsible for maintaining the links. What does the [icon](#) mean?"

Below this is a search result for "1: [Burkhardt CG et al. Ice cream headaches with cryo...](#) [PMID: 16961530]".

Underneath the search result are several expandable sections:

- Full Text Sources:** A table listing providers and their 'Full Text' links:

	Blackwell Publishing	Full Text
	EBSCO	Full Text
	Ingenta plc	Full Text
	Ovid Technologies, Inc.	Full Text
	Swets Information Services	Full Text
- Libraries:** A section with a link to [New England Research Institutes Inc.](#)
- Education:** A section with a link to [MedlinePlus Health Information Headache](#).
- Medical:** A section with a link to [MedlinePlus Health Information Headache](#).

A yellow callout box with the text "Links to M+ & other non-PM resources" points to the "MedlinePlus Health Information Headache" link in the Medical section.

At the bottom of the interface, there are controls for Display (LinkOut), Show (20), Sort By, and Send to.



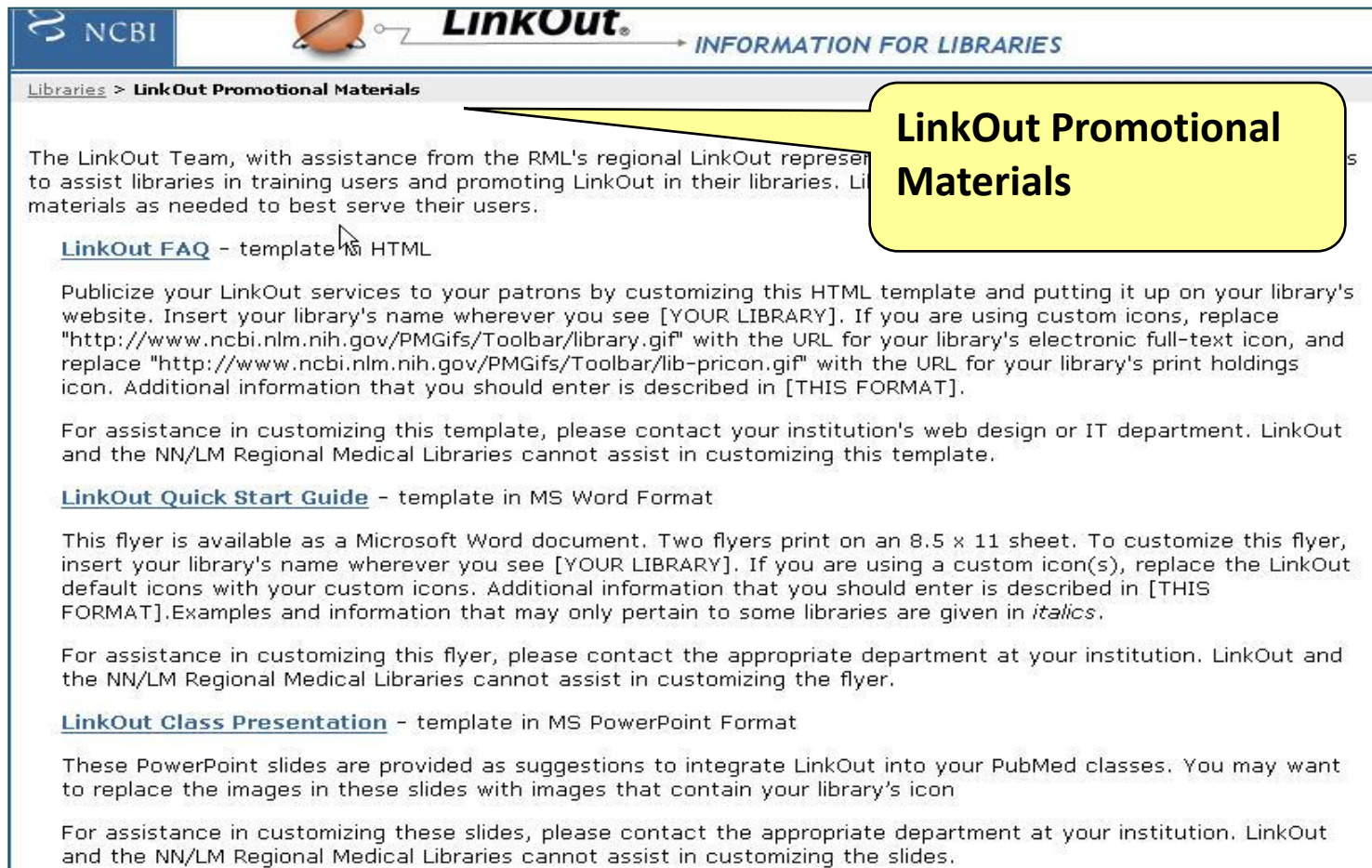
Training Materials


For the most recent self-guided LinkOut for Libraries QuickTours –
http://www.nlm.nih.gov/bsd/dist_edu.html#l

- ✓ Library LinkOut Survival Guide, NN/LM (2006)
- ✓ Retrieving your password for the Submission Utility (Sep, 2009)
- ✓ Displaying Icons Using a Special URL
- ✓ Library LinkOut Filters (Mar, 2009)
- ✓ Implementing OpenURL-based Services in PubMed
- ✓ LinkOut for Libraries Tips and Tricks



Promotional Materials



NCBI  **LinkOut** INFORMATION FOR LIBRARIES

Libraries > **LinkOut Promotional Materials**

The LinkOut Team, with assistance from the RML's regional LinkOut representatives, is available to assist libraries in training users and promoting LinkOut in their libraries. LinkOut promotional materials are available as needed to best serve their users.

LinkOut Promotional Materials

[LinkOut FAQ](#) - template in HTML

Publicize your LinkOut services to your patrons by customizing this HTML template and putting it up on your library's website. Insert your library's name wherever you see [YOUR LIBRARY]. If you are using custom icons, replace "http://www.ncbi.nlm.nih.gov/PMGifs/Toolbar/library.gif" with the URL for your library's electronic full-text icon, and replace "http://www.ncbi.nlm.nih.gov/PMGifs/Toolbar/lib-pricon.gif" with the URL for your library's print holdings icon. Additional information that you should enter is described in [THIS FORMAT].

For assistance in customizing this template, please contact your institution's web design or IT department. LinkOut and the NN/LM Regional Medical Libraries cannot assist in customizing this template.

[LinkOut Quick Start Guide](#) - template in MS Word Format

This flyer is available as a Microsoft Word document. Two flyers print on an 8.5 x 11 sheet. To customize this flyer, insert your library's name wherever you see [YOUR LIBRARY]. If you are using a custom icon(s), replace the LinkOut default icons with your custom icons. Additional information that you should enter is described in [THIS FORMAT]. Examples and information that may only pertain to some libraries are given in *italics*.

For assistance in customizing this flyer, please contact the appropriate department at your institution. LinkOut and the NN/LM Regional Medical Libraries cannot assist in customizing the flyer.

[LinkOut Class Presentation](#) - template in MS PowerPoint Format

These PowerPoint slides are provided as suggestions to integrate LinkOut into your PubMed classes. You may want to replace the images in these slides with images that contain your library's icon.

For assistance in customizing these slides, please contact the appropriate department at your institution. LinkOut and the NN/LM Regional Medical Libraries cannot assist in customizing the slides.



Tips & Reminders

- **If you have electronic full-text access through your subscriptions, you'll need to activate access before adding titles to LinkOut.**
- **LinkOut does not perform any user verification; include only those journals that validate IP addresses –or- are accessible through your proxy server; otherwise, you'll need to distribute passwords.**
- **If you have more than one person adding holdings, assign them different letters or parts of the alphabet, so they don't overwrite each other's changes.**
- **Holdings may be entered in multiple sessions.**



Tips & Reminders

- Changes made in the Submission Utility show up in PubMed after 2 PM ET next business day
- There is a special URL (`_fft`) that will automatically apply your icon to all citations with *free full-text links*.
- Remember: to use special URL's, workstations must be able to accept cookies.
- *If you don't have a subscription, don't add the journal!*

LinkOut Alternatives

➤ **Require Open URL 3rd Party Link Resolver**

- **A. LinkOut Local**
- **B. Outside Tool**

➤ **Decision aids available**

- **Decision Tree**
- **Decision Chart**

LinkOut Local

Alternative A:

Using your local link resolver as “LinkOut Local”:

- Libraries that implement LinkOut Local upload holdings information directly to LinkOut in the form of XML files.
- Libraries that seek to implement LinkOut Local should have technical expertise in XML.
- Must have an Open-URL 3rd party link resolver (SFX, Serials Solutions, etc.)
- Single library icon appears on all PubMed citations for full text or print holdings records.



Outside Tool

Alternative B:

Using local link resolver as an “Outside Tool”:

- Must have an Open-URL 3rd party link resolver (SFX, Serials Solutions, etc.)
- Allows an institution to place a link on every PM record.
- Attaches PubMed ID (PMID) of the current citation to end of URL.
- Requires registration - NCBI evaluation criteria applied.
- Manage OT implementation using SU2, special URL.

LinkOut Support

Regional LinkOut Representative

NN/LM NER

mark.goldstein@umassmed.edu

Mark Goldstein

508-856-5964

LinkOut Team

National Center for Biotechnology Information,

National Library of Medicine

lib-linkout@ncbi.nlm.nih.gov



Questions & Answers

