

4-22-2010

Quick Articles: Embedding Federated Search into the OPAC

Josh Greben

Florida Center for Library Automation

Athena Hoepfner

University of Central Florida, athena@ucf.edu



Part of the [Library and Information Science Commons](#)

Find similar works at: <https://stars.library.ucf.edu/ucfscholar>

University of Central Florida Libraries <http://library.ucf.edu>

This Conference Presentation is brought to you for free and open access by STARS. It has been accepted for inclusion in Faculty Scholarship and Creative Works by an authorized administrator of STARS. For more information, please contact STARS@ucf.edu.

STARS Citation

Greben, Josh and Hoepfner, Athena, "Quick Articles: Embedding Federated Search into the OPAC" (2010). *Faculty Scholarship and Creative Works*. 834.

<https://stars.library.ucf.edu/ucfscholar/834>



Quick Articles

Embedding Federated Search into the OPAC

Joshua Greben
Systems Librarian/Analyst
Florida Center for Library Automation

Athena Hoeppe
Electronic Resources Librarian
University of Central Florida

If you can't take the horse to the water...

- ▶ *89% of college students begin with a search engine*
- ▶ *12% of college students begin in Library Web sites*
- ▶ *87% are aware their library has a library Web site*
- ▶ *86% are aware of the online library*

— OCLC. College Students' Perceptions of Libraries and Information Resources. 2006

- ▶ 53% of college students had never used one of the libraries' Web subject guide
- ▶ 24% rarely use libraries' web subject guides
- ▶ “Students do not understand the subject categorization or organization of pathfinders. . . . Students tend to wander, guess, and appear to be confused and not confident of their choice of subject”

— Brenda Reeb and Susan Gibbons. Students, Librarians, and Subject Guides: Improving a Poor Rate of Return. *portal: Libraries and the Academy* 4.1 (2004)

- ▶ *60% of US traffic to SpringerLink come from OPACs and other library services*
- ▶ *33% comes from search engines, mostly Google and Google Scholar.*
- ▶ *5% of traffic from Springer.com*
- ▶ *2% from A&I*

— Springer

Take the water to the horse

- ▶ Article source that is easy to find
- ▶ Co-located where users already go
- ▶ Requires no prior knowledge of library databases
- ▶ Intuitive to search and to get to full text

Introducing Quick Articles in Mango



University of Central Florida Libraries

[Log in now](#)

[Ask a Librarian](#)

[Articles & Databases](#)

[Online Journals](#)

[Off-campus Access](#)

[Interlibrary Loan](#)

Menu: ☐ On ☒ Off

[Home](#)

[Find](#)

[Services](#)

[How Do I?](#)

[Collections](#)

[About](#)

[Catalog Search](#)

[Database Locator](#)

[Reserves](#)

[Journal Search](#)

(Search the UCF Libraries' collection of books, DVDs and other items.)

Basic Search

Anywhere



[Search](#)

[Clear](#)

[Advanced Search](#)

[\[+\] Expand All](#)



University of Central Florida Libraries

[Ask a Librarian](#) [Articles & Databases](#) [Online Journals](#) [Off-campus Access](#) [Interlibrary Loan](#)

[Home](#) [Find](#) [Services](#) [How Do I?](#) [Collections](#) [About](#) [Branch Libraries](#)

[Previous Catalog Interface](#)

[Comments](#)

[renewals/library account](#)

[end session](#)

[help](#)

[Books and more](#)

[Quick Articles](#)

[Digital Collections](#)

[Course Reserves](#)

☒ Basic Search ☐ Search begins with (browse) ☐ Advanced Search

effective presentations

Anywhere

Search

Start Over

Search: 'effective presentations' :

We found **214** matching items, **31** of these are available [online](#).

Limit by: [Publication Year](#) or [Popular Format](#)

Browse Results by Call Number: [Library of Congress](#) | [National Library of Medicine](#) | [Superintendent of Documents](#) | [Dewey](#) | [\[show \]](#)

Narrow Results By: Library/Collection

• [Main Library](#) (171)
• [ONLINE](#) (28)
• [Cocoa](#) (23)
[show more...](#)



My Folder is empty

[Add All](#)

Results/page: 10

Sort By:

Relevance



[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#) [>>](#)

1 Effective presentation



University of Central Florida Libraries

[Ask a Librarian](#)[Articles & Databases](#)[Online Journals](#)[Off-campus Access](#)[Interlibrary Loan](#)[Home](#)[Find](#)[Services](#)[How Do I?](#)[Collections](#)[About](#)[Branch Libraries](#)[Previous Catalog Interface](#)

Signed in as **ATHENA**

[loans/renewals](#)[holds](#)[my account](#)[sign-out](#)[help](#)[Comments](#)[Books and more](#)[Quick Articles](#)[Digital Collections](#)[Course Reserves](#)

Search for articles and other resources

[Anywhere](#)[Search](#)[Start Over](#)

Search: 'effective presentations' :

***Please take our**
[Quick Articles](#)
[User Satisfaction Survey](#)
(link opens in new window).

Need more articles or better precision?

For full access to more articles and better search capabilities, you can use one of UCF's Libraries hundreds of databases.

Click on [Articles and Databases](#) to find a database that is right for you, or [Ask a Librarian](#) for advice.

Source(s):

[Business Source Premier](#) (708 matches at this source)

[Business Source Premier](#) (708 matches at this source)
[Academic Search Premier](#) (817 matches at this source)
[OmniFile Full Text Mega](#) (68,979 matches at this source)

Narrow Results By:

TOPIC

[Treatment](#) (10)
[Photographs](#) (9)
[Audience](#) (8)
[Communication](#) (7)
[Antigen-presenting](#) (7)
[Participants](#) (6)
[Novel](#) (4)
[Awards](#) (4)
[Society](#) (4)
[Experience](#) (3)
[Article Reviews](#) (3)
[Abstract From Author](#) (3)
[. In Experiment 1](#) (3)
[Oral presentation skills](#) (2)
[Easy To Remember](#) (2)
[Lead-Generation](#) (2)
[Shopping](#) (2)
[Learning](#) (2)
[Satisfaction](#) (2)
[Popular](#) (2)
[Conference Was Held In](#) (2)
[Family](#) (2)

Top 86 results [+ more](#)

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [Next](#)

sorted by:
[rank](#) | [title](#) | [author](#) | [year](#) | [database](#)

1. [Toward Better Presentations.](#)

[Get Full Text](#)

Found in: U.S. Naval Institute Proceedings Feb2010, Vol. 136 Issue 2, p81-82 2p; 1 Color Photograph

Author: Boettcher, Diane

Description: The article focuses on the significance of communication in the U.S. Navy. It mentions that communication is very much crucial in all forms of military and naval operations and notes proper presentation in communication. Furthermore, it also highlights the disadvantages of lack of effective communication in military tactics and any related operations.

Year: 2010

Source:

Academic Search Premier (full text available)

2. [Making the Most of Investor Conferences.](#)

[Get Full Text](#)

Found in: Community Banker Oct2009, Vol. 18 Issue 10, p54-55 2p

Author: Koegel, John

Description: The article provides suggestions on making effective presentations to investors and analysts. Pat McJoynt, managing director of Keefe, Bruyette & Woods Inc., pointed out that the target audience is more interested on current topics such as asset quality and capital than the history of the company. Ian Corydon of B. Riley & Co. said, however, that honesty is important because investors talk to one another. Lonny Robinson, chief financial officer of Center Financial Corporation, shared how their t

Year: 2009



University of Central Florida Libraries

[Ask a Librarian](#)[Articles & Databases](#)[Online Journals](#)[Off-campus Access](#)[Interlibrary Loan](#)[Home](#)[Find](#)[Services](#)[How Do I?](#)[Collections](#)[About](#)[Branch Libraries](#)

"get over it!".
in SuperVision.

Year: 2009 **Volume:** 70 **Issue:** 7 **Page:** 5 -11.

ISSN: 0039-5854

☐ [Options for Getting the Text](#)

Full text sources:

Business Source Premier

Year: Volume: Issue: Start Page:

Available from 1990

Selective full text. Specific articles or years may not be included.

Wilson OmniFile FT Mega Edition

Year: Volume: Issue: Start Page:

Available from 1995

Selective full text. Specific articles or years may not be included.

ABI Inform Complete

Year: Volume: Issue: Start Page:

Available from 1987

Basic

Advanced

Topics

Browse

Publications

My Research
0 marked items

Interface language:

English

Go

[Databases selected:](#) Multiple databases...

Document View

[Print](#) | [Email](#) | [Copy link](#) | [Cite this](#) | ☐ Mark Document

Translate document from:

Select language

"get over it!"

[James M Liggett](#). [SuperVision](#). Burlington: [Jul 2009](#). Vol. 70, Iss. 7; pg. 5, 7 pgs

Abstract (Summary)

First things first. This collection of words will not in itself make you a great public speaker. Exemplary presentation skills should be viewed as an art form. It is a craft, which you work on. Yes it takes work, there is no magic fairy dust and here is the good news: you will never stop improving. Realize that when speaking in public you control 80% of the outcome. First order of business -- Your Appearance. It is the first thing your audience will see. People draw conclusions and rely on first impressions. Great speakers enjoy hearing the sound of their own voice. That is the instrument and while it has endless tones, it is what you will use

Other available formats:

[Abstract](#)[Full Text - PDF](#) (103 K)

Find more documents like this:

Subjects:

- ☐ Public speaking
- ☐ Personal appearance
- ☐ Managerial skills

How Quick Articles Works

- Article Searching uses the MetaLib X-Server
- X-Server UI adapter for Catalog
- JSP and Tomcat
- XML API middleware
- 2 sets of functions
 - MetaLib-specific
 - SAX (Simple API for XML)
- Extensible for use with other XML sources
 - Ability to reuse the non-MetaLib specific code
 - Speed is an issue--No XSLT for faster parsing of XML records

Developing Quick Articles

- Carry over search query from Mango
- Select General Quickset for each library
- List and link to native databases
- Fetch more records
- Record paging
- Cluster facets
- Display records with 856 and SFX/SerSol link

Developing Quick Articles

- User control of sources and option to auto-pick bases based on Mango search results
- Integrated record lists for export between Book and Article search
Provide same features as Book search (RSS, DYM, etc.)
- Support for other XML-API X-Servers (i.e. 360 search)
- Beyond: Pre-coordinated Index for Articles
 - Primo Central (works with X-Server)
 - Summon or Discover
 - EDS provide XML-APIs

Measuring Use and Satisfaction

- Search analysis
- Statistics
- User survey
- Mango searches sent to Quick Articles :

Feb 2010:	4349
Jan 2010:	5356
- 4% of Mango searches sent to QA

What is sent to QA?

Search Type	QA	Mango
Keyword	86%	69%
Title	7%	13%
Author	4%	6%
Subject	3%	2%
Journal Title	0%	4%

Searches sent to QA

- osmosis
- interpersonal communication
- osmosis diffusion
- personal health records
- diffusion
- psychology
- solar energy
- cone penetration test
- texting
- abortion
- literacy
- coen brothers
- patient satisfaction
- standardized testing
- text messaging
- disease management
- education
- case management
- health care reform
- social networking

Searches sent to QA

- osmosis
- interpersonal communication
- osmosis diffusion
- personal health records
- diffusion
- psychology
- solar energy
- cone penetration test
- texting
- abortion
- literacy
- coen brothers
- patient satisfaction
- standardized testing
- text messaging
- disease management
- education
- case management
- health care reform
- social networking

Full text success rate in QA

- osmosis : 10
- interpersonal communication : 10
- osmosis diffusion : 10
- personal health records : 10
- diffusion : 8
- psychology : 10
- solar energy : 8
- cone penetration test : 9
- texting : 9
- abortion : 8
- literacy : 8
- coen brothers : 10
- patient satisfaction : 10
- standardized testing : 10
- text messaging : 8
- disease management : 10
- education : 8
- case management : 9
- health care reform : 10
- social networking : 8

Average full text per 1st 10 hits: 9.15

Searches in QA Databases

Jan-Mar 2009 v 2010

	Academic Search Premier	Business Source Premier	OmniFile Full Text Mega
Jan-Mar 09	142120	16001	6253
Jan-Mar 10	158907	30230	14934
Increase	12%	89%	139%

Searches in Other Databases

Jan-Mar 2009 v 2010

	EBSCO Searches	Wilson Searches	Proquest Searches	CSA Searches	Gale Searches
Jan-Mar 09	503304	19892	287986	106444	39611
Jan-Mar 10	627030	13604	293696	103514	86556
Increase	25%	-32%	2%	-3%	119%

FT in Aggregator Databases

Jan-Mar 2009 v 2010

	EBSCOhost	Wilson FT	ProQuest	GaleFT
Jan-Mar 09	163417	12866	31668	11665
Jan-Mar 10	211723	17729	32407	62134
Change	30%	38%	2%	433%

Full Text on Journal Sites

Jan-Mar 2010

	Wiley	Springer	JSTOR	IoP	Highwire
January	72%	1%	29%	8%	32%
February	53%	12%	78%	5%	71%
March	62%	725%			

Survey for user satisfaction

- How many articles do you need for your paper?
- How many articles from Quick Articles will you use for your paper?
- Of the articles you plan to use, did Quick Articles get you to the full text?
- After using Quick Articles, will you continue your searching for more articles for the same project in other databases?
- Rate your impression of Quick Articles on a scale of 1 to 5
 - Transferring your search from the catalog to Quick Articles
 - Waiting for the results to display.
 - Understanding the results list and deciding whether to use an article.
 - Getting full text of articles.
- Next time you start a project that requires library research, where are you most likely to search?

User Comment

“I just found Quick Articles and it is a great addition to the Library's website! Although, it did not find the article I was looking for.”

Contacts

- **Joshua Greben**
Systems Librarian/Analyst
Florida Center for Library Automation
jgreben@ufl.edu
- **Athena Hoepfner**
Electronic Resources Librarian
University of Central Florida
athena@mail.ucf.edu
AIM: athenaucflibrary
GTalk: athena.hoepfner@gmail.com