

# Improving Discovery It's More Than a Single Product

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Library Technology Conference, Macalester College  
March 15, 2012

# Agenda

1. Getting Started with Discovery
2. Definition of Terms
3. Stakeholders
4. SWOT Analysis
  - Exercise
5. Requirements
  - Exercise
6. Wrap Up

start over

modify search

another search

(Search History)

ADVANCED KEYWORD

t:(new york times)

View All Collections

Search

335 results found. sorted by date.

Results Page 1 2 3 4 5 6 7 8 9 10 11 ... 28 Next

save marked records

save all on page

ADVANCED KEYWORD (1-12 of 335)

1		<input type="checkbox"/> <p>Page one [videorecording] : inside the New York times / Magnolia Pictures and Participant Media in a</p> <p><b>StO Rolvaag Library</b>          Commentators Sarah Ellison, Andrew Ross Sorkin, David Carr, Larry Ingrassia, Bruce Headlam, Dennis Crowley, Richard Pérez-Peña, Evan Wi Markos Moulitsas, Alex S. Jones, Seth Mnookin, Ian Fisher, Nicholas Lemann, Noam Cohen, Clairborne Ray, Susan Chira, Carla Baranauckas, Nick Denton, Jeff Jarvis, Jimmy Wales, Katrina Vanden Heuvel, Rick Lyman, Shane Smith, Dean Baquet, Tim Arango, Brian Lam, Gay Talese, James McQuivey, Carl Bernstein, Michael Hirschorn, John Carr.          Editors, Chad Beck, Christopher Branca, Sarah Devorkin ; cinematographer, Andrew Rossi ; original music, Paul Brill.</p>
2		<input type="checkbox"/> <p>New York Times v. Sullivan : civil rights, libel law, and the free press / Kermit L. Hall and Melvin</p> <p><b>StO Rolvaag Library</b></p>
3		<input type="checkbox"/> <p>The best American travel writing 2010 / edited and with an introduction by Bill Buford ; Jason Wilso</p> <p><b>CC General Collections</b></p>



## LAURENCE MCKINLEY GOULD LIBRARY

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Books, periodicals, videos, images, and other media



[Reserves](#) e-Reserves and physical materials reserved for a specific course

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[Your Accounts](#) InterLibrary Loan (ILLiad) and your Bridge account

[For Faculty & Departments](#) Library services for faculty and departments

[About the Library](#) Hours, maps, collections, policies, staff directory, and more

[Library News, Events, and Exhibits](#)

[The Carleton College Archives](#)

### Gould Library News

April 18, 2011

[Tax Information \(Federal and State\)](#)

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### Events Calendar

**Thu. Apr. 7 (Today)**

11:45 am - [Group vs Individual Problem Solving Strategies](#)

**Tue. Apr. 12**

4:00 pm - [David Garneau Lecture](#)

**Fri. Apr. 15**

12:00 pm - [Teagle Conference - "State Your Case"](#)

4:00 pm - [Foro Latinoamericano](#)

**Sat. Apr. 16**

9:30 am - [Foro Latinoamericano](#)

10:30 am - [Foro Latinoamericano](#)

**Tue. Apr. 19**

4:30 pm - [Karsten Troyke](#)

[More events](#)



## Find materials at the library and beyond



### Search for books & more on the Bridge:

[Advanced Bridge Search](#)

### Search

#### **Databases & other online resources**

Search for articles, images, statistics, and more.

- [Articles](#)
- [Images, Music, and Video](#)
- [Data and Statistics](#)
- [Literary and Historical Texts](#)
- [Online Reference](#)
- [Newspapers](#)
- [Full list by title / by subject](#)

#### **Journals, Magazines, and Newspapers**

Search for a journal, magazine, or newspaper to see which years we subscribe to, and how to access them.

- [Look up a citation](#) (by title, journal, issue, etc)
- [InterLibrary Loan](#) request articles from journals we don't subscribe to

#### **Books & more**

Find books and other items at Carleton and other libraries

- [Bridge search](#) Carleton & St. Olaf's collections
- [Advanced Bridge search](#)
- [CJK Bridge search](#) (Chinese/Japanese/Korean)
- [New Books in Bridge](#)
- [Reserves](#)
- [WorldCat](#) find materials at other libraries
- [InterLibrary Loan](#) request books from other libraries

#### **Movies & TV**

Finding, accessing, and using media resources in the library and online.

### Research Help

#### **Using Library Resources from Off-Campus**

A guide to using library resources from off campus. Includes instructions on accessing journals through our proxy server.

#### **Course Research Guides**

Research guides designed by librarians specifically for your course.

#### **Subject Research Guides**

Find out how to start researching in a particular subject.

#### **General Research Guides**

Learn more about topics such as citing sources, finding government information, and how we arrange the books on our shelves.

#### **EndNote**

EndNote can help you organize references that you find during your research. Download EndNote and find out how to use it in your research.

#### **Ask a Librarian**

Ask a reference librarian about Carleton Library resources or for help with a research question.

#### **Ask the Archives**

Ask the staff of the Carleton College Archives about Carleton history.

#### **Digital Archiving of Comps & Honors Papers**

Instructions for archiving comps & honors papers



### Search Bridge

Title

### Shortcuts

SELECT ONE

### ASK US! (What's this?)

**meebo me!**

Connecting to meebo...

get your own  
[www.meebome.com](http://www.meebome.com)

get meebo

### Research Resources

- [Research Databases: Articles & More](#)
- [Library Catalogs: Books, DVDs, Audio & More](#)
- [Periodicals Title List](#)
- [Scholarly Web Sites](#)
- [St Olaf Digital Collections](#)
- [More...](#)

### Library Services

- [Library Hours](#)
- [Check Your Due Dates & Renew](#)
- [Interlibrary Loan \(ILL\)](#)
- [Library Maps & Stack Guides](#)
- [Rolvaag Vault Policy](#)
- [More...](#)

### Help & Guides

- [Course & Subject Guides](#)
- [Citation Guides & Style Manuals](#)
- [EndNote Guides](#)
- [Evaluating Web Sites](#)
- [Ask a Reference Question](#)
- [More...](#)

### About the Libraries

- [Halvorson Music Library](#)
- [Hustad Science Library](#)
- [Rolvaag Memorial Library](#)
- [Special Collections](#)
- [Library Staff](#)
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### LIBRARY NEWS

#### NEW MATERIALS

See what new reading, viewing, listening, and playing materials were added to the libraries collections. Check out the [new books](#), [new movies](#), [new sound recordings](#), and [new scores lists](#)!

[More library news...](#)

#### FOR FACULTY

#### FOR LIBRARY STAFF

### St. Olaf College Libraries

1510 St. Olaf Avenue  
Northfield, MN 55057

(507) 786-3224 Circulation

(507) 786-3452 Reference

(507) 786-3734 FAX

[refdesk@stolaf.edu](mailto:refdesk@stolaf.edu)

[Instant Message](#) (IM): RolvaagReference

# Getting Started with Discovery

1. Determine and clarify your goals.
2. Draft a statement of need ("charter").
  - May depart from your initial charge.
3. Broadly communicate your statement of need.
  - Get *everyone* on the same page, as soon as possible, all along the way.

# Initial Charge to Discovery Tool Task Force

"Discovery tools, catalog overlays and federated search tools are increasingly used as an alternative or supplement to local library catalogs."

"Funds have been set aside this fiscal year to purchase a system (if identified) with the expectation that the system would be implemented during 2011-2012."

- Develop statement of need
- Environmental scan
- Assess users
- Review products
- Review existing work

November 2010



# Statement of Need

- Sophisticated searching options such as faceted searching, spelling suggestions, results ranking, highlighted hits for search terms and previews of descriptive information
- Discovery based on full content searching, not just metadata
- Single search discovery of resources of all kinds from both local and other repositories, including journal articles, multimedia, archival materials, etc.
- State-of-the-art web interface design including a single search box for keyword searching, an option for advanced search for researchers' in-depth subject searching and intuitive self-explanatory navigation and browsing
- Access to information and resources using fewer steps, including full text.
- Enriched content: cover images, quality reviews, table of contents (TOC), summary descriptions etc.
- "Push" technologies, such as RSS feeds, system-generated "recommendations" based on past searching or other criteria
- Access via mobile devices
- User contributions such as the ability for users to rate, tag, review materials

# Discovery Tool Task Force Recommendation

## 3-Part Recommendation

1. Implement VuFind as a catalog overlay by Sep 2011
2. Design a uniform search portal to be used on both Carleton and St. Olaf's library home pages
3. Continue investigating web scale discovery tools and their likely successors

April 2011

# April 2011 - Current

- VuFind implementation
  - Rolled out Fall 2011
- Web Portal implementation
  - Rolled out Fall 2011
- Discovery Task Force 2
  - Began meeting Fall 2011
  - Recommendation due: April 2012

# Definition of Terms

Norm definitions early to guide:

process - stakeholders - ultimately, recommendation

For instance:

Web scale discovery vs. catalog overlay

Pre-harvested (aggregated) index vs. federated search

# Stakeholders

- Faculty
- Circulation Staff
- Cataloging Staff
- Systems Staff
- Reference & Instruction Staff
- Students
- ITS
- Bridge Advisory Group
- Administration



# Stakeholders

	<u>USERS</u>	<u>LIBRARY STAFF</u>	<u>ITS</u>	<u>ADMINISTRATION</u>
COMMUNICATION	<ul style="list-style-type: none"><li>• Focus Groups</li><li>• User Studies</li><li>• Feedback Forms</li></ul>	<ul style="list-style-type: none"><li>• Staff Survey</li><li>• Staff Meetings</li><li>• Regular Email Updates</li></ul>	<ul style="list-style-type: none"><li>• Systems Requirements</li></ul>	<ul style="list-style-type: none"><li>• Progress Reports</li><li>• Recommendation</li></ul>
APPROVAL				<ul style="list-style-type: none"><li>• Funding</li><li>• Systems Support</li></ul>

# SWOT Example

<p><b>Strengths</b></p> <ul style="list-style-type: none"><li>• Explicit charge from both colleges in consortia (e.g. buy-in, staff time)</li><li>• Existing consortial relationship</li><li>• Knowledge gained from (1) previous task forces exploring overlays and (2) Metalib implementation project</li></ul>	<p><b>Weaknesses</b></p> <ul style="list-style-type: none"><li>• Charge was:<ul style="list-style-type: none"><li>• Broad</li><li>• Focused on a product-based solution</li></ul></li><li>• No new hires<ul style="list-style-type: none"><li>• Need to work within existing staff time and expertise</li></ul></li><li>• Legacy library systems</li></ul>
<p><b>Opportunities</b></p> <ul style="list-style-type: none"><li>• Partner within consortia</li><li>• Outsource for expertise we don't have</li><li>• Internal web programming capabilities</li><li>• Learn from other libraries who come before us</li></ul>	<p><b>Threats</b></p> <ul style="list-style-type: none"><li>• Memories and associations with discovery</li><li>• Discovery vendor marketplace:<ul style="list-style-type: none"><li>• Highly competitive</li><li>• New and emerging</li><li>• Volatile</li></ul></li></ul>

# SWOT Exercise

What are the **S**trengths, **W**eaknesses, **O**pportunities, **T**hreats for your library or your consortium related to discovery?

- Take a few minutes and fill one or two parts of the SWOT (or more) in your handout.
- Then, discuss for a few minutes with your group.
- Then, we'll discuss as a bigger group.

# Requirements List

Helps identify or frame:

- Important parts of project
- Negotiable items
- Non-negotiable items
- Needs
- Wants
- Stakeholders input and perspective

# Requirements List - Exercise

1. Form small groups
2. Designate a recorder
3. Brainstorm items for requirements list
4. Report items back to larger group
5. Weight items by popular vote



# Requirements List - Sample Items

- Display results from many kinds of databases
- Real time status/availability of print materials
- Faceted searching
- User comments, ratings, reviews or records

# Requirements List - Categorizing

## **Intelligent Searching:**

Facets, spelling suggestions, results ranking, highlighted search terms, previews.

## **Silo Reduction:**

Features that reduce the barriers between resources, either by having resources that are more open and share information, or resources that can be accessed through one tool.

## **Layout and Customization**


# Wrap Up

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LAURENCE MCKINLEY  
**GOULD LIBRARY**

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[Library News, Events, and Exhibits](#)

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## Gould Library News

January 26, 2012  
[ProQuest Maintenance Window, Saturday, February 4, 2012, at 21:00 CT to Sunday, February 5, 2012 at 9:00 CT](#)

January 24, 2012  
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## Events Calendar

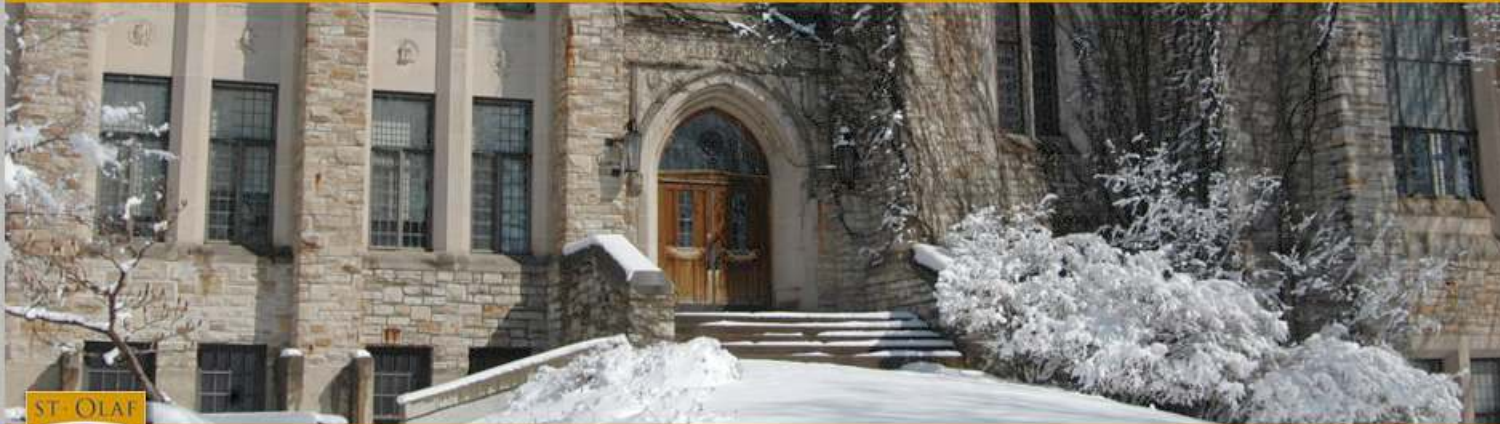
**Ongoing**  
[Cryptolibrary: Uncertain, Unidentified, and Unknown in the Library \(through Mar. 11\)](#)

**Thu. Feb. 2**  
7:00 pm - [Autism Spectrum Disorders: What Should a Liberally Educated Person Know?](#)

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**Fri. Feb. 17**  
4:30 pm - [The Wynia Memorial Lecture of 2012: Democracy, Development and the](#)

[Rolvaag Memorial Library](#)[Halvorson Music Library](#)[Hustad Science Library](#)

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- » [Your Library Account](#)
- » [Interlibrary Loan](#)
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St. Olaf College Libraries  
1510 St. Olaf Avenue  
Northfield, MN 55057  
507-786-3224

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Find a database by name or description:

[Full list of Databases](#) [Carleton Databases](#)

[What do you think of our website and catalog changes?](#)

## ? ASK A LIBRARIAN

[email](#) [phone](#) [IM](#)



Your portal to research guides for subjects, courses, and citation.

## LIBRARY HOURS

For Wednesday, February 29

**Rolvaag:** 7:45am-2am

**Music:** 7:45am-11pm

**Science:** 8am-11pm





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Databases by content

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[FAQs](#)  
[Material type icons by the  
Bridge Material Type Icons  
Project](#)



### Narrow Search

#### Collections

- St.Olaf Libraries (6)
- Carleton Library & Archives (2)
- Sound Recordings (1)

#### Format

- Book (4)
- E-book (1)
- Music CD (1)

#### Library

- St Olaf Music Library (3)
- St Olaf Science Library (3)
- Carleton Library & Archives (2)
- St Olaf Rolvaag Library (2)
- St Olaf Kierkegaard Library (1)

#### Location

- CC Books (2)
- StO Science Books (2)
- StO Electronic Books (1)
- StO Music Books & Scores (1)
- StO Music CDs (1)
- more ...

#### Call Number

- M - Music (2)
- Q - Science (2)
- T - Technology (1)

#### Author

- Leach, Jim (1)
- Lewis, James R. (1)
- Parsons, Paul, 1971- (1)
- Pinch, T. J. (1)

### Suggested Topics... within your search.

- Biological transport (1)
- Cell membranes (1)
- Electronic music (1)
- Membrane lipids (1)
- Membrane proteins (1)
- Moog synthesizer (1)
- more ...

Showing 1 - 6 of 6 for search: 'daleks', query time: 0.05s

Sort

Relevance



NO IMAGE AVAILABLE

#### Doctor Who [electronic resource] /

by Leach, Jim.

Published 2009

**Table of Contents:** "...Doctor Who at the BBC -- Who watched Who? an unearthly child -- The Dalek factor: the evil..."

**Located:** StO Electronic Books

[Click for ST. OLAF access](#)

[Click here for instructions on downloading e-books to your personal e-reader.](#)



Save Record



#### Analog days : the invention and impact of the Moog synthesizer /

by Pinch, T. J.

Published 2002

**Table of Contents:** "... with the ARP -- 14. From Daleks to the Dark Side of the Moon -- Conclusion: Performance...."

**Located:** CC Books, StO Music Books & Scores



Save Record



NO IMAGE AVAILABLE

#### Messiah remix [sound recording].

Published 2004

**Table of Contents:** "...) / dālek -- Partial / John Oswald...."

**Located:** StO Music CDs



Save Record



#### The science of Doctor Who /

Save Record

# For More Information

Thank you!

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Nat Wilson, Carleton College

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[http://digitalcommons.macalester.edu/libtech\\_conf/2012/sessions/87/](http://digitalcommons.macalester.edu/libtech_conf/2012/sessions/87/)