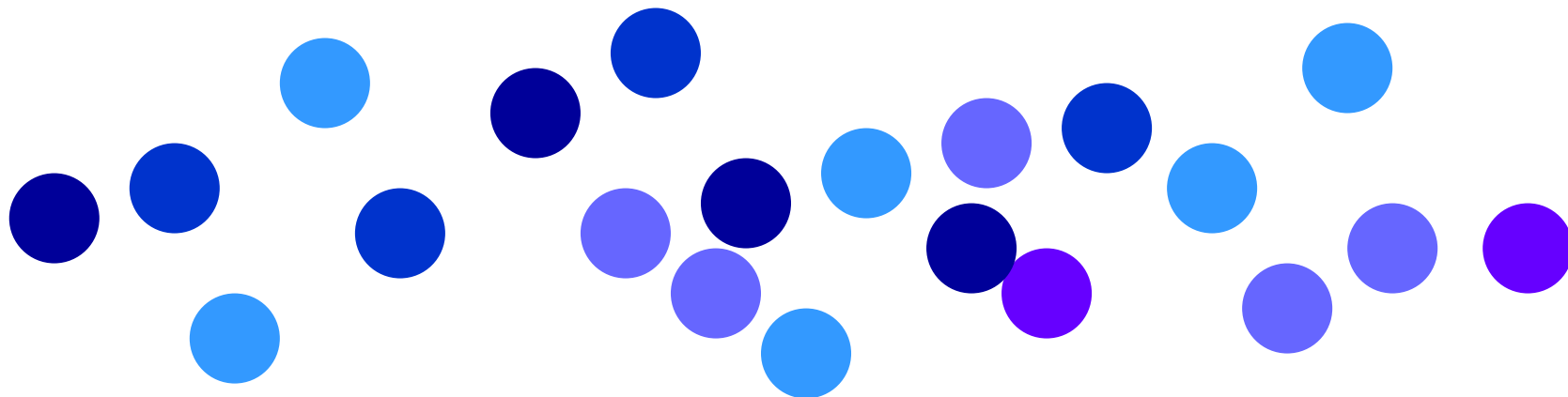


# **Leveraging the power of aggregation to achieve an enhanced research environment**

IFLA Presidential Meeting 2010  
Stellenbosch





navigation

- Main page
- Contents
- Featured content
- Current events
- Random article

search

Go Search

- interaction
- About Wikipedia
  - Community portal
  - Recent changes
  - Contact Wikipedia
  - Donate to Wikipedia
  - Help

- toolbox
- What links here
  - Related changes
  - Upload file
  - Special pages

article discussion edit this page history

# Stellenbosch

From Wikipedia, the free encyclopedia


“Wikipedia is the Gutenberg printing press of the 21<sup>st</sup> century” - Anon

**Stellenbosch** (pronounced /ˈstɛlənbɒs/<sup>[1][2]</sup>) is a town in the [Western Cape](#) province of South Africa, situated about 50 kilometers (30 miles) east of [Cape Town](#), along the banks of the [Eerste Rivier](#). Its the second oldest [European](#) settlement in the province, after [Cape Town](#). The town became known as the **City of Oaks** or *Eikestad* in [Afrikaans](#) and [Dutch](#) due to the large number of *oak* trees that were planted by its founder, [Simon van der Stel](#), to grace the streets and homesteads.<sup>[3]</sup>

Today Stellenbosch is part of the greater/metro area of the city of Cape Town. The town is home to the [University of Stellenbosch](#). The [Technopark](#) is a modern corporate and research complex situated on the southern side of the town near the Stellenbosch Golf Course.

**Contents** [hide]

- History
- Population
- Climate and geography
- Sport
- Viticulture and winemaking
- Stellenbosch University
- List of suburbs
- History of selected suburbs
  - Kayamandi
- Notable people from Stellenbosch
- References
- External links

Coordinates:  33°55′12″S 18°51′36″E﻿ / ﻿33.92000°S 18.86000°E﻿ / -33.92000; 18.86000﻿ / -33.92; 18.86

**Stellenbosch**

— Town —

Nickname(s): Also called *Eikestad*, *Matiestad* or *Matieland*



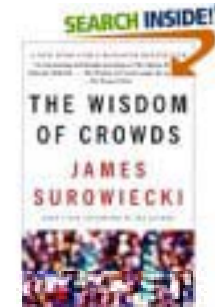
Coordinates:  33°55′12″S 18°51′36″E﻿ / ﻿33.92000°S 18.86000°E﻿ / -33.92000; 18.86000﻿ / -33.92; 18.86

<b>Country</b>	 South Africa
<b>Province</b>	Western Cape
<b>Metropolitan municipality</b>	Cape Winelands District Municipality
<b>Founder</b>	Simon van der Stel
<b>Elevation</b>	136 m (446 ft)
<b>Population</b>	
- <b>Estimate</b> (2001)	117,713
<b>Time zone</b>	South Africa Standard Time (UTC+2)

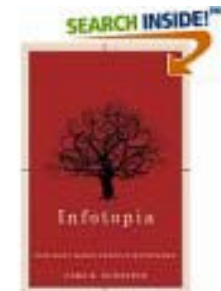
# Wisdom of Crowds (Collective Intelligence)

---

- *The Wisdom of Crowds*  
by James Surowiecki



- *Infotopia*
  - *How many minds produce knowledge*  
by Cass Sunstein



“Under the right circumstances groups are remarkably intelligent, and often smarter than the best person in them”

# The Madness of Crowds

---

- *Extraordinary Popular Delusions and the Madness of Crowds* by Charles MacKay
- Nietzsche: “Madness is the exception in individuals but the rule in groups”.



Stellenbosch, February 2010

# The Web is multi-directional

---

- Greater focus on content users create and choices & preferences they make
- User contribution increasingly important
  - Contributed **explicitly** by individuals
  - **Implicitly** - usage data captured by the system ('clickstreams')




amazon

Shop All Dep

Books

The Aud

Click



### Customer Reviews

690 Reviews

5 star:		(425)
4 star:		(146)
3 star:		(40)
2 star:		(20)
1 star:		(59)

**Average Customer Review**  
★★★★☆ (690 customer reviews)

#### Most Helpful Customer Reviews

1,920 of 2,227 people found the following review helpful:

★★★★☆ **A conservative reviews Senator Obama's latest book ....**,  
October 17, 2006

By **Dr. Emil Shuffhausen (aka Tom Bombadil)** (Central Gulf Coast) - [See all my reviews](#)  
TOP 1000 REVIEWER

This review is from: [The Audacity of Hope: Thoughts on Reclaiming the American Dream \(Hardcover\)](#)  
All too often here on Amazon, we review only those books and authors with which we

Google

Your Account | Help

Cart Your Lists

os En Español Bargain Books Textbooks

ss reading device. [Learn more](#)

Quantity: 1

Add to Shopping Cart

or

[Sign in](#) to turn on 1-Click ordering.

or

### Tags Customers Associate with This Product( [What's this?](#))

Click on a tag to find related items, discussions, and people.

Check the boxes next to the tags you consider relevant or enter your own tags in the field below.

- [barack obama](#) (10)
- [politics](#) (2)
- [dreams from my father](#) (1)
- [obama](#) (10)
- [audacity of hope](#) (1)

Your tags:

(Press the 'T' key twice to quickly access the "Tag this product" window.)

#### Help others find this product - tag it for Amazon search

No one has tagged this product for Amazon search yet. Why not be the first to [suggest](#) a search for which it should appear?

### Search Products Tagged with

> [See most popular Tags](#)

**Failure is not an option** : mission control from Mercury to Apollo 13 and beyond

**Author:** [Gene Krantz](#)

**Subjects:** [Krantz, Gene -- Career in aerospace engineering](#) ; [United States. National Aeronautics and Space Administration](#) ; [Manned space flight -- Systems engineering -- United States -- History](#) ; [Ground support systems \(Astronautics\) -- History](#)

**Publisher:** Simon and Schuster

**Related Titles:** Series: New series in NASA history

**Language:** English

**Creation Date:** 2000

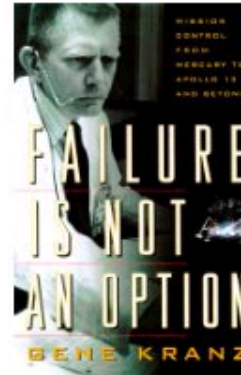
**Format:** 415 p. : ill. ; 25 cm..

- [→ This item in ALEPH](#)
- [→ Table of Contents](#)
- [→ Abstract](#)
- [→ This item in Amazon.com](#)
- [→ This item in WorldCat@](#)

Add to e-Shelf Available in your library(Get it)

**Availability and location:**

**Available:** [North Campus Main Library East Asian \(ON ORDER\)](#)



Keeping this item

- [E-mail](#)
- [Print](#)
- Select how to save [Go](#)

Tagging What is tagging? ?

Ignore my query and look for everything tagged:

**My tags for this item** [Cloud](#) / [List](#)

[Assign/remove tags](#)

**Everybody's tags for this item:** [Cloud](#) / [List item:](#)

**tech and society** nasa rocket science space apollo 13 engineering 아폴로 ground control moon あとで読む aerospace apollo mission near disasters 항공

[Tags page](#)

**Reviews**

- rated this item **1/10** (09/17/08): "This book was heaps good."
- **Susan Brown** rated this item **5/10** (03/05/08): "no wait I just read a more fascinating book"
- **Susan Brown (Aleph)** rated this item **1/10** (10/01/08): "Ich denke dieses Buch passt ganz gut für die Hausarbeiten von Prof. Müller"
- **Susan Brown (Aleph)** rated this item **5/10** (08/20/08): "여러가지 많은 책을 봐 왔습니다만 아폴로 탐사에 관한 가장 좋은 책이라고 생각합니다. 강추에염."
- rated this item **1/10** (08/25/08): "I quite liked this book. it was very informative"
- **Yutaka Masuda** rated this item **8/10** (10/30/08): "著者は日本通だと思われる。"
- **Yutaka Masuda** rated this item **1/10** (10/30/08): "NASAについて詳細に説明している文献です。"
- [Write a review](#)

# Implicit user contribution

---

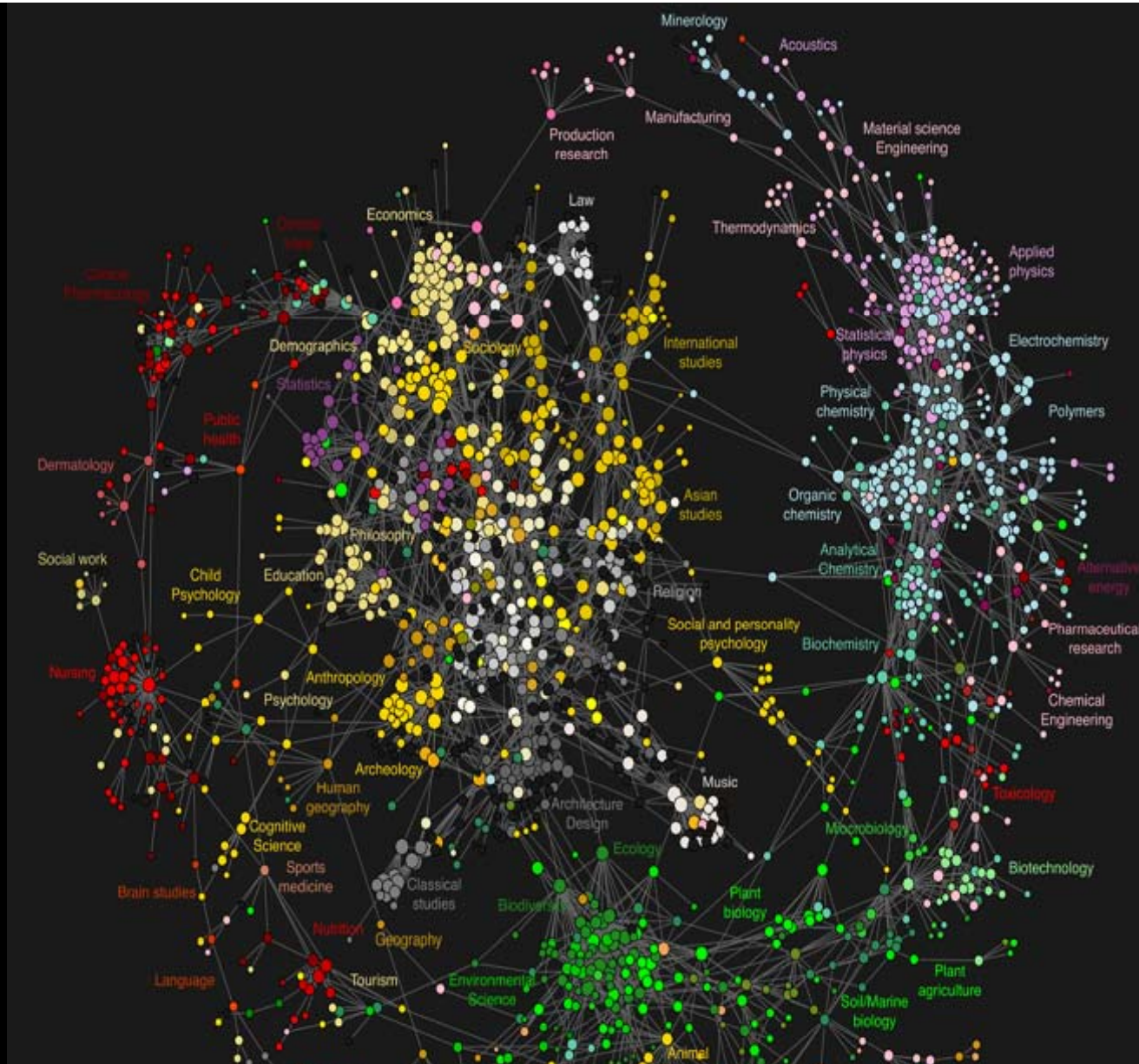
- Circulation data
- Actions
  - Item viewed
  - Item downloaded
  - Item sent
  - Item bookmarked
  - Item printed
  - Item stored
- Clickstreams, recording a search process





# Great interest in usage-based measures

- COUNTER – [www.projectcounter.org](http://www.projectcounter.org)
- SUSHI - [www.niso.org/workrooms/sushi](http://www.niso.org/workrooms/sushi)
- JISC MOSAIC – [www.sero.co.uk/jisc-mosaic.html](http://www.sero.co.uk/jisc-mosaic.html)
- Metrics for scholarly evaluation:
  - UKSG Usage Factors project
    - [uksg.org/usagefactors](http://uksg.org/usagefactors)
  - Project MESUR - [www.mesur.org](http://www.mesur.org)

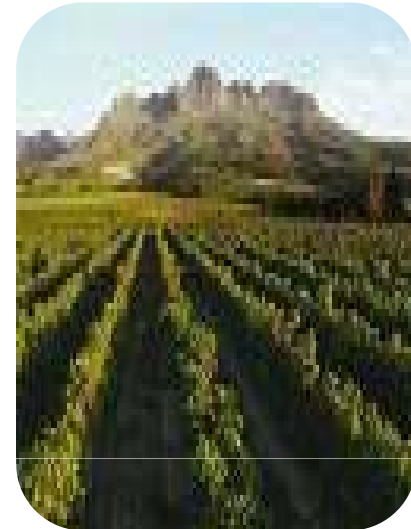


Bollen J, Van de Sompel H, Hagberg A, Bettencourt L, Chute R, et al. (2009) Clickstream Data Yields High-Resolution Maps of Science. PLoS ONE 4(3): e4803. doi:10.1371/journal.pone.0004803

# Potential uses of implicit contribution

---

- Collection development
- Evaluation
- Trend analysis
- Relevance ranking
- **Recommendations**



# Recommenders are everywhere

---

**NOISE TO SIGNAL**  
Rob Cottingham · [socialsignal.com/n2s](http://socialsignal.com/n2s)



I'm glad you enjoyed that. People who liked that technique also enjoyed these other sexual techniques:...

Customers Who Bought This Item Also Bought

**Give a Little: How Your Small Donations Can Transf...** by Wendy Smith  
★★★★★ (9) \$10.19

**Why Good Things Happen to Good People: Ho...** by Stephen Garrard Post  
★★★★★ (3) \$10.17

**Why Good Things Happen to Good People: Th...** by Stephen Garrard Post  
★★★★★ (16)

**The Courage to Give: Inspiring Stories of Peopl...** by Jackie Waldman  
★★★★★ (7) \$16.20

**Think Confident, Be Confident: A Four-Step Program t...** by Marci Fox  
★★★★★ (10) \$5.98



minutes, and choose **One-Day Shipping** at checkout. [Details](#)

**36 new** from \$8.89    **19 used** from \$7.75    **1 collectible** from \$32.50

Formats	Amazon Price	New from	Used from
Hardcover	\$13.57	\$8.89	\$7.75
Paperback, Large Print	\$20.99	\$20.99	--
Audio, CD, Unabridged	\$40.15	\$37.12	\$52.82
Audio, Download	\$10.47 or less with new Audible membership		

**Express Checkout with PayPhrase**

Jenny's Rural House

[What's this?](#) | [Create PayPhrase](#)

**More Buying Choices**

**56 used & new** from \$7.75

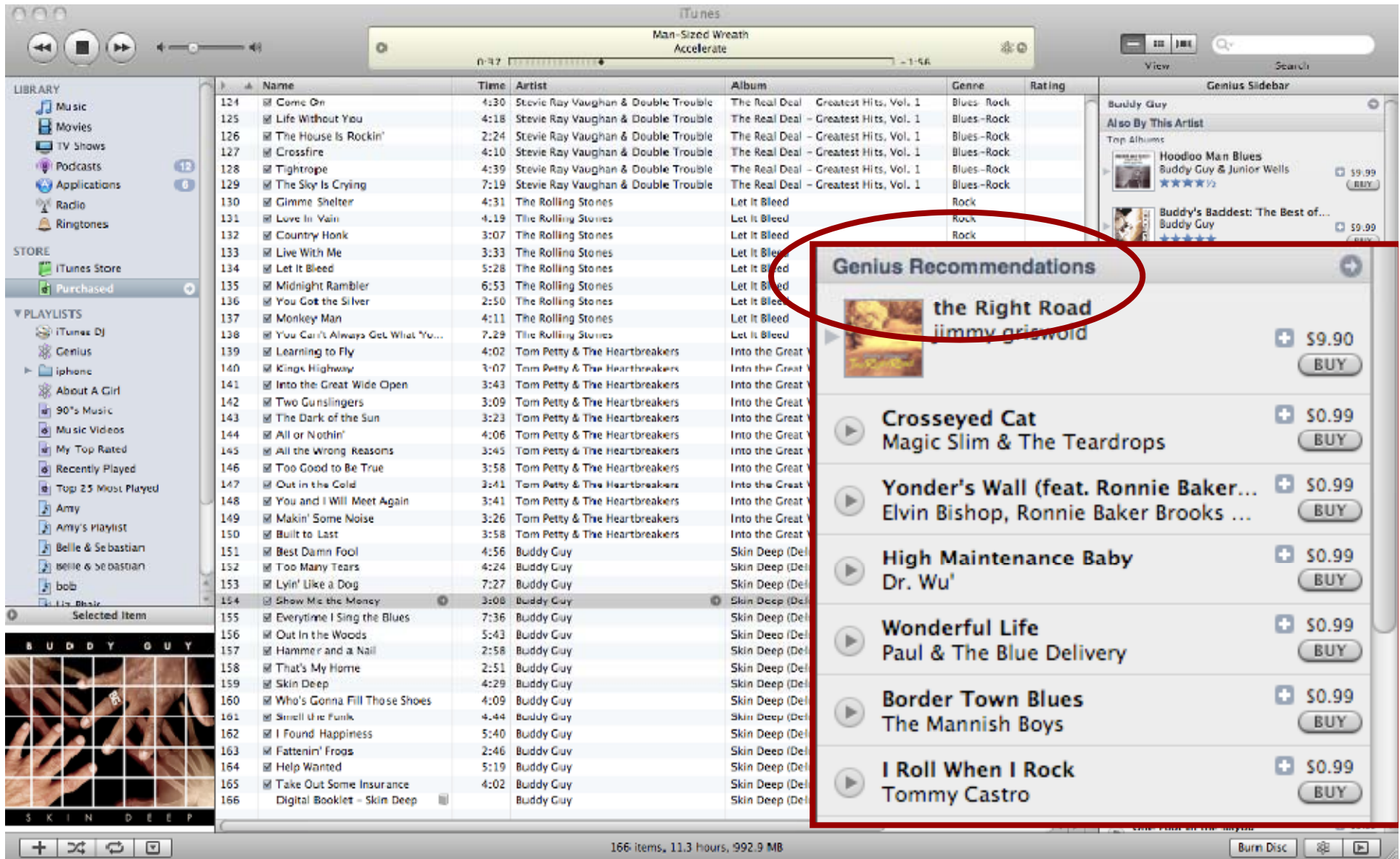
Have one to sell? [Sell yours here](#)

[Share with Friends](#)

[Share your own customer images](#)

[Search inside this book](#)

# iTunes



Stellenbosch, February 2010

# So why not here?

The screenshot shows a Mozilla Firefox browser window displaying the library homepage. The browser's address bar shows the URL <http://erlsrv.sun.ac.za/Library/index.htm>. The page features a navigation menu with categories: Services, Training & Information Literacy, About the Library, Collections, and Help. The main content area is divided into several sections:

- NEW BOOKS:** A featured book titled "African Art IN DETAIL" is displayed.
- NEW STUDENTS ORIENTATION PHOTO COMPETITION WINNER:** A photograph of two individuals, a man and a woman, is shown.
- INFORMATION RESOURCES:** A search bar with the text "Search Library catalogue" and an "OK" button. Below it are links for Databases, E-books, E-journals, E-newspapers, E-theses and dissertations (with a link to guidelines), New books, Open access journals, Search engines & useful links, and Resources by subject (subject guides).
- RESEARCH SUPPORT:** A link to the Research Support Portal.
- NEWS:** A section with several announcements:
  - NEW! We apologise for any noise and inconvenience caused by construction work in the JS Gericke Library, starting February 2010.** Click [here](#) for more information.
  - GetWise@URLibrary: Workshop on international publishing, Tuesday 16 Feb 11:00-13:00, JS Gericke Library - "How to write a world class paper"**
  - GetWise@URLibrary: Training sessions on the Elsevier resources and finding tools: Scencedirect, 2Collab and Scopus, Tuesday 16 Feb 14:00-16:00, JS Gericke Library. All welcome!**
  - Deadline for electronic submission of theses for March graduation: 25 February 2010**
  - Pre-symposium workshop: IFLA Section on Management of Library Associations (MLAS) to present a pre-symposium workshop on 17 February 2010 at the Library and Information Service**
  - Stellenbosch University Library 2010 Symposium / IFLA Presidential Meeting: "Knowing is not enough: Engaging in the knowledge economy", 18 to 19 February 2010**
- Afrikaans:** A section with a photograph of students in a library setting.

The browser's status bar at the bottom indicates "Transferring data from erlsrv.sun.ac.za..."

# Library Book Recommendations

The screenshot displays the Boston College Quest Library Catalog interface. At the top, the header includes the library name, navigation links (Sign-in to Your Account, Interlibrary Loan, Display Options, Ask a Librarian, Quest Help, Reset), and search options (BASIC, ADVANCED, COMMAND). The main content area shows the 'Full Record View' for a book. The record details include the author (Stegner, Wallace Earle, 1909-), uniform title (Short stories), title (Collected stories of Wallace Stegner.), published information (New York : Random House, 1990.), and description (xvi, 525 p. ; 25 cm.). The location is listed as O'Neill Stacks PS3537.T316 A6 1990. The ISBN is 0394584090, and the format is <Book>. The system number is 000585410. A 'BibTip' sidebar on the left suggests other books of interest, such as 'A man for all seasons / by Robert Bolt' and 'April 1865 / Jay Winik'. The bottom of the screen shows the Windows taskbar with the start button, open applications, and system tray.

**BOSTON COLLEGE QUEST LIBRARY CATALOG**

Sign-in to Your Account • Interlibrary Loan • Display Options • Ask a Librarian • Quest Help • Reset

Select a Search Type: Full Catalog

BASIC | ADVANCED | COMMAND

SEARCH RESULTS | PREVIOUS SEARCHES | MY LIST

Full Record View ← BACK

Record 1 of 1: [Add to My List](#) | [View My List](#) | [Save/E-Mail Record](#)

Choose record view: [Full View](#) • [Brief View](#) • [MARC Tags View](#) ← Prev Record Next Record →

**BibTip** You might also be interested in ...

- » [A man for all seasons / by Robert Bolt](#)
- » [April 1865 / Jay Winik](#)
- » [Crossing to safety // Wallace Stegner](#)
- » [Down in New Orleans / Billy Sothorn : photographs by Nikki Page](#)
- » [Lucky Jim // Kingsley Amis : with an introduction by David Lodge](#)
- » [The first Jesuits // John W. O'Malley](#)
- » [Wheat that springeth green // J.F. Powers](#)

**Author** Stegner, Wallace Earle, 1909-

**Uniform Title** Short stories

**Title** Collected stories of Wallace Stegner.

**Published** New York : Random House, 1990.

**Descr.** xvi, 525 p. ; 25 cm.

**All Locations** [Availability](#)

**Location** [O'Neill Stacks PS3537.T316 A6 1990](#)

**ISBN** 0394584090

**Format** <Book>

**SystemNumber** 000585410

**Google Books:** [More on this title via Google Book Search](#)

Waiting for http://library.bc.edu/E/UCBMRCKGMA244UQ9G9YNPTQCCU3XXLIY795VRM651LY384R9-33603? 100%

start | bX\_for\_ALA\_dr... | Wireless Networ... | Internet Exp... | Desktop | 3:03 AM



[Start Over](#) [Request Item](#) [Save to Book Bag](#) [MARC Display](#) [Return to List](#) [Limit & Sort](#) [Another Search](#) [LINK+ Search](#)

(Search History)

TITLE  [View Entire Collection](#) System Sorted    
 Limit search to available items



Record 3 of 3  
Result page: [← Previous](#) [Next →](#)

**Author** Schwartz, Randal L.  
**Title** **Learning Perl [electronic resource] / Randal L. Schwartz, Tom Phoenix, and Brian D. Foy.**  
**Link to:**  
An electronic book available to SFSU Students & Faculty  
**Pub/Date** Sebastopol, [Calif.] : O'Reilly, c2008.  
**Subject** Perl (Computer program language)



*LibraryThing Tags*  
[computer programming](#) [computer science](#)  
[computers](#) [computing](#) [it](#) [O'Reilly](#)

**Availability** | **More Information**

[Permanent link to this title](#)

*LibraryThing Recommends*

**Series** Safari Books Online  
**Contributors** Phoenix, Tom; Schwartz, Randal L.; Foy, Brian D.  
**Descript** xviii, 328 p.  
**Edition** 5th ed.  
**Notes** Includes index.  
Electronic reproduction. Boston, Mass. : Safari Books Online, 2008 Mode of access: World Wide Web. Available to subscribing institutions.  
**ISBN** 9780596520106  
0596520107

*LibraryThing Recommends*

- [Programming Perl](#) by Wall, Larry.
- [Mastering regular expressions](#) by Friedl, Jeffrey E. F.
- [Advanced Perl programming](#) by Srinivasan, Sriram.
- [Programming the Perl DBI](#) by Descartes, Alligator.
- [Perl in a nutshell](#) by Patwardhan, Nate.
- [Mastering algorithms with Perl](#) by Orwant, Jon.

<http://library.hud.ac.uk/data/usagedata/>

University of Huddersfield

Search My Account/Renewals Ask a Librarian

Basic | Advanced | Expert | Short Loan | History

Search: General keyword health promotion GO Refine Search

You're searching: University of Huddersfield Library Return to results | Previous | Next

The art and science of mental health nursing : a textbook of principles and practice / by Norman, Ian J., Ryrie, Iain.

Subjects: Psychiatric nursing

Publisher: Maidenhead : Open University Press/McGraw-Hill Education, 2009.


Edition:

People who borrowed this item also borrowed (show more or everything):

**People who borrowed this item, also borrowed (show more or everything):**

- [The child with epilepsy \(1986\) by Dinnage, Rosemary](#)
- [Gerontological nursing \(7th edition, 2010\) by Eliopoulos, Charlotte](#)
- [Essentials of gerontological nursing \(2008\) by Wallace, Meredith, PhD, RN](#)

Virtual shelf browser



ISBN:

User rating

Add to

Useful links:

Amazon UK: <http://library.hud.ac.uk/perf/amazon.pl?0335222935>

# *Scholarly Recommender Service*

---

Need to:

- Focus on scholarly materials – particularly **articles** (core unit of use)
- Be based on structural analysis of usage and not just based on popularity

## bX from Ex Libris

---

- A service which taps into the power of the networked scholarly community to generate **recommendations based on article usage**
- Based on data mining and structural analysis of **aggregated usage data**, across libraries and scholarly information environments
  - Massive repository of user data - growing
- Derives from **research** done at Los Alamos National Laboratory by Johan Bollen and Herbert Van de Sompel

# bX Research

## An architecture for the aggregation and analysis of scholarly usage data.

Johan Bollen  
Digital Library Research & Prototyping Team  
Los Alamos National Laboratory  
Los Alamos  
NM, 87545  
jbollen@lanl.gov

Herbert Van de Sompel  
Digital Library Research & Prototyping Team  
Los Alamos National Laboratory  
Los Alamos  
NM, 87545  
herbertv@lanl.gov

### ABSTRACT

Although recording of usage data is common in scholarly information services, its exploitation for the creation of value-added services remains limited due to concerns regarding, among others, user privacy, data validity, and the lack of accepted standards for the representation, sharing and aggregation of usage data. This paper presents a technical, standards-based architecture for sharing usage information, which we have designed and implemented. In this architecture, OpenURL-compliant linking serves as the mechanism for the distribution of usage information of a specific service, and the architecture is distributed across multiple servers.

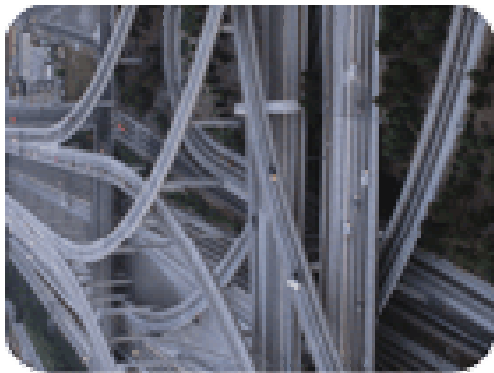
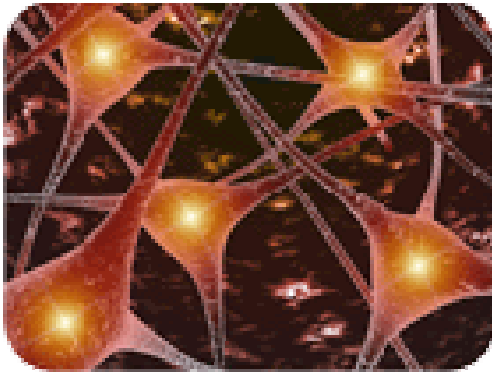
based on top-down design decisions, but have come to prominently include the analysis of user actions and preferences. The introduction of a wide range of successful evaluation and recommendation services which rely in some shape or form on the analysis of usage data has fundamentally changed how users interact with online services. This paper describes a found effect on the quality of scholarly communication units [3], and trend analysis [14, 5]. Especially for the latter two applications, the impact of scholarly communication units [3], and trend analysis [14, 5]. Especially for the latter two applications, the impact of scholarly communication units [3], and trend analysis [14, 5]. Especially for the latter two applications, the impact of scholarly communication units [3], and trend analysis [14, 5].

[http://public.lanl.gov/herbertv/papers/jcdl06\\_accepted\\_version.pdf](http://public.lanl.gov/herbertv/papers/jcdl06_accepted_version.pdf)

Stellenbosch, February 2010

# More about bX

---



- Built on the OpenURL Framework:
  - Harvesting usage log files from link resolvers (SFX)
- Using OpenURL context-object format
- Using OAI-PMH protocol for harvesting
- Building a (very large) aggregate of usage data
- Mining the aggregate to derive scholarly recommender services

# Recommendations in Primo



## Refine Results

Narrow my results by limiting the search to:

### Show only

- Online items (140)
- New in our Library (16)
- Items currently in Library (968)

### Availability

- Online Resources (140)
- All Formats (990)

### Resource Type

1,190 Results for european politics

Sorted By: Relevance

1-10 Next

Refined by: Subject: Europe



### West European politics

Colin Hay - 1968

Available: North Campus Main Collection (JN30.HAY) and other locations

Book

[View Online](#) [Request](#) [Locations](#) [Details](#) [Reviews & Tags](#) [Recommendations](#) [More](#)



### European Politics

William George Andrews - 1930

Checked Out

Book

[Request](#) [Locations](#) [Details](#) [Reviews & Tags](#) [Recommendations](#) [More](#)

Send to [dropdown] [share icon] [close icon]

<input type="checkbox"/>	1. Lawson, Helene HM. <a href="#">Developments in Central and East European Politics</a> Social science computer review. 24.2 (2006): 189-208.	[document icon] [red circle icon] [thumbs up icon] [thumbs down icon]
<input type="checkbox"/>	2. Ellison, Nicole NB. <a href="#">European Politics: A Comparative Introduction, 2nd edition (Comparative Government and Politics)</a> Communication research; 2006-04-01; vol 33; iss 2; p. 152	[document icon] [red circle icon] [thumbs up icon] [thumbs down icon]
<input type="checkbox"/>	3. Hardey, Michael M. <a href="#">European Politics: A Comparative Introduction</a> . Information, communication society; 2004-06-01; vol 7; iss 2; p. 207	[document icon] [red circle icon] [thumbs up icon] [thumbs down icon]
<input type="checkbox"/>	4. Whitty, Monica MT. <a href="#">European Politics In Transition With European Union Constitution Supplement</a> Human relations; 2003-07-01; vol 56; iss 7; p. 869	[document icon] [red circle icon] [thumbs up icon] [thumbs down icon]
<input type="checkbox"/>	5. Tidwell, Lisa LC. <a href="#">The Government and Politics of the European Union</a> Human communication research; 2002-01-01; vol 28; iss 3; p. 317	[document icon] [red circle icon] [thumbs up icon] [thumbs down icon]

CSU Xerxes Demo: Exploring th... x

http://xerxes.calstate.edu/demo/metasearch/record?group=001594&resultSet=051622&startRecord=13

## Xerxes Demo

Home > Quick Search > Results > Record

# Exploring the Sociopolitical Dimensions of Global Warming

**By:** Troy D Sadler ; Michelle L Klosterman  
**Format:** Article **Peer Reviewed**  
**Year:** 2009  
**Published in:** Science Activities: Classroom Projects and Curriculum Ideas v45 n4 p9-13 Win 2009 5 0036-8121  
**Database:** [ERIC \(EBSCO\)](#)

[Check for availability](#)  
 [Save this record](#)

### Summary

The authors present an activity to help high school students conceptualize the sociopolitical complexity of global warming through an exploration of varied perspectives on the issue. They argue that socioscientific issues such as global warming present important contexts for learning science and that the social and political dimensions of these issues must be featured along with the underlying science. The activity is structured as a jigsaw in which learners explore multiple perspectives on the issue of global warming as they work to develop recommendations for national policy. (Contains 1 table.)

### People who read this article also read :

[Energy, Environment and Sustainable Development](#)

### My Account

- [Log-in](#)
- [My Saved Records](#)
- [My Saved Databases](#)

### Cite this Article :

#### APA

Sadler, T. , & Klosterman, M. (2009). Exploring the sociopolitical dimensions of global warming. *Science Activities: Classroom Projects and Curriculum Ideas*, 45(4), 9-13.

#### MLA

Sadler, Troy, and Michelle Klosterman. "Exploring the Sociopolitical Dimensions of Global Warming." *Science Activities: Classroom Projects and Curriculum Ideas*, 45.4 (2009): 9-13.

#### Turabian

Sadler, Troy, and Michelle Klosterman. 2009. Exploring the Sociopolitical Dimensions of Global Warming. *Science Activities: Classroom Projects and Curriculum Ideas*. 45, no. 4: 9-13.

These citations are software generated and may contain errors. To verify accuracy, check the



CSU Xerxes Demo: Exploring th... x

http://xerxes.calstate.edu/demo/metasearch/record?group=001594&resultSet=051622&startRecord=13

## Summary

The authors present an activity to help high school students conceptualize the sociopolitical complexity of global warming through an exploration of varied perspectives on the issue. They argue that socioscientific issues such as global warming present important contexts for learning science and that the social and political dimensions of these issues must be featured along with the underlying science. The activity is structured as a jigsaw in which learners explore multiple perspectives on the issue of global warming as they work to develop recommendations for national policy. (Contains 1 table.)

### People who read this article also read :

#### Energy, Environment and Sustainable Development

**Article**  
By Abdeen, Mustafa Omer M O  
Renewable & Sustainable Energy Reviews vol. 12 iss. 9 (2008)  
[Full text available](#)

#### Global Warming

**Article**  
By Cantoni, Craig C  
Journal of American Physicians and Surgeons vol. 12 iss. 4 (2007)  
[Full text available](#)

#### Oil Lease Sales Begin Despite Polar Bear Concerns

**Article**  
By [Anon],  
Issues in Science and Technology vol. 24 iss. 3 (2008)  
[Full text available](#)

#### The Child in the Garden: An Evaluative Review of the Benefits of School Gardening

**Article**  
By Blair, Dorothy D  
The Journal of Environmental Education vol. 40 iss. 2 (2008)

#### MLA

Sadler, Troy, and Michelle Klosterman.  
"Exploring the Sociopolitical Dimensions of Global Warming." *Science Activities: Classroom Projects and Curriculum Ideas*, 45.4 (2009): 9-13.

#### Turabian

Sadler, Troy, and Michelle Klosterman.  
2009. Exploring the Sociopolitical Dimensions of Global Warming. *Science Activities: Classroom Projects and Curriculum Ideas*. 45, no. 4: 9-13.

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# What do users say?

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"JSTOR **meets** Amazon!?"

- ELUNA twitterer

"On May 5, Ex Libris rolled out the shiny new fabulousness that is bX. ... (turns) the Services Menu into a **point-of-need discovery tool**. I think this is awesome. "

- Jamene Brooks-Kieffer, Kansas State Univ.

"I found exactly what I wanted. I've already found **even more relevant articles in 10 minutes** than I've found in the last 10 months using more traditional methods of research."

- Ph.D. student, Arizona State University

“The Web, they say, is leaving the era of search and entering one of discovery. What's the difference? Search is what you do when you're looking for something. Discovery is when something wonderful that you didn't know existed, or didn't know how to ask for, finds you.”

Jeffrey M. O'Brien, "The race to create a 'smart' Google"  
[http://money.cnn.com/magazines/fortune/fortune\\_archive/2006/11/27/8394347/](http://money.cnn.com/magazines/fortune/fortune_archive/2006/11/27/8394347/)

# Simple, Fast, Easy

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Stellenbosch, February 2010

# Scholarly search today

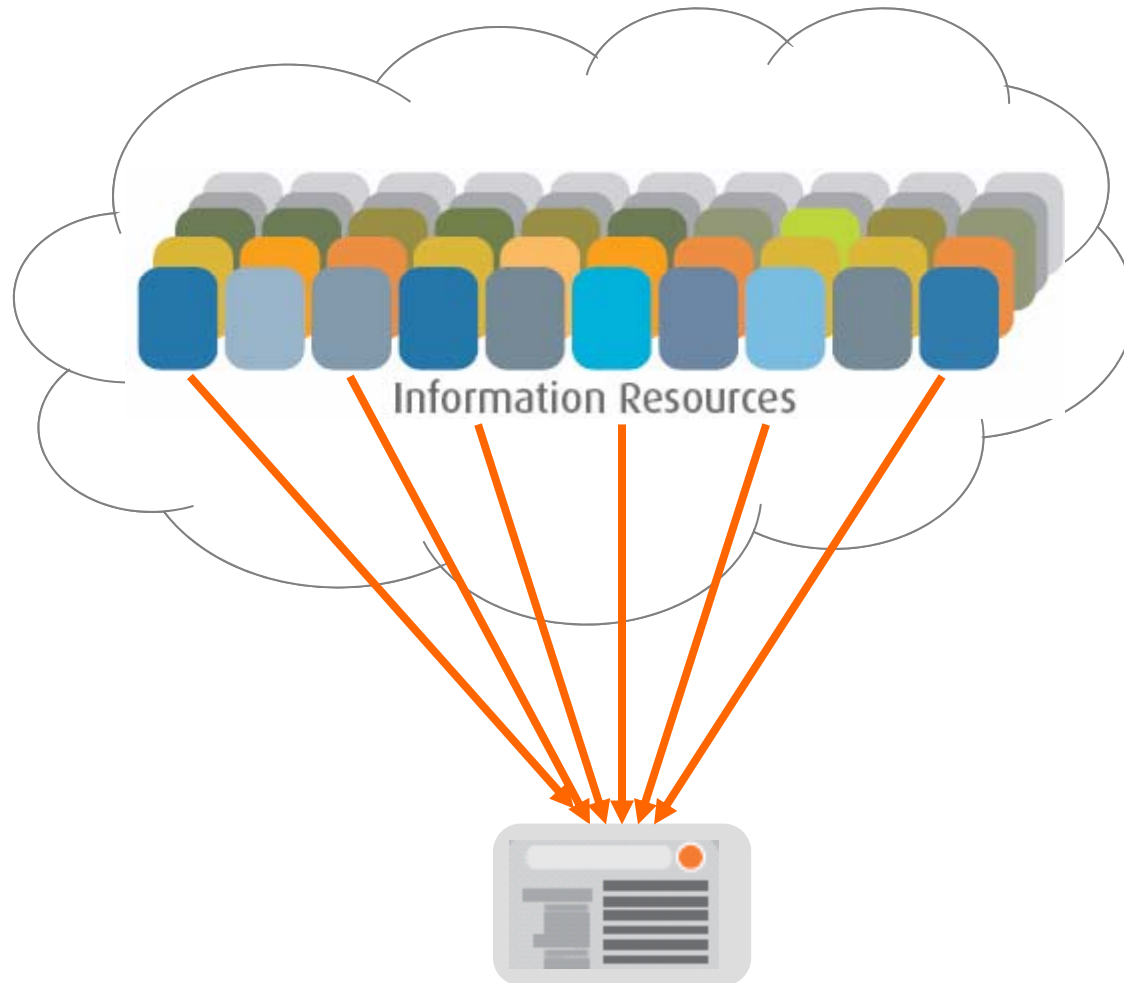
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Users expect:

- A compelling and intuitive interface
- Single search across multiple types of metadata (representing all of the library's collections)
- Excellent response time
- Excellent relevance ranking

# Metasearch (aka Federated Search)

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# Today's environment

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- Technology has improved dramatically
- Information providers are keen to enhance and promote the discoverability of their collections
- Time to build mega-aggregates of content—wisely and carefully



Stellenbosch, February 2010

# Wisely and carefully?

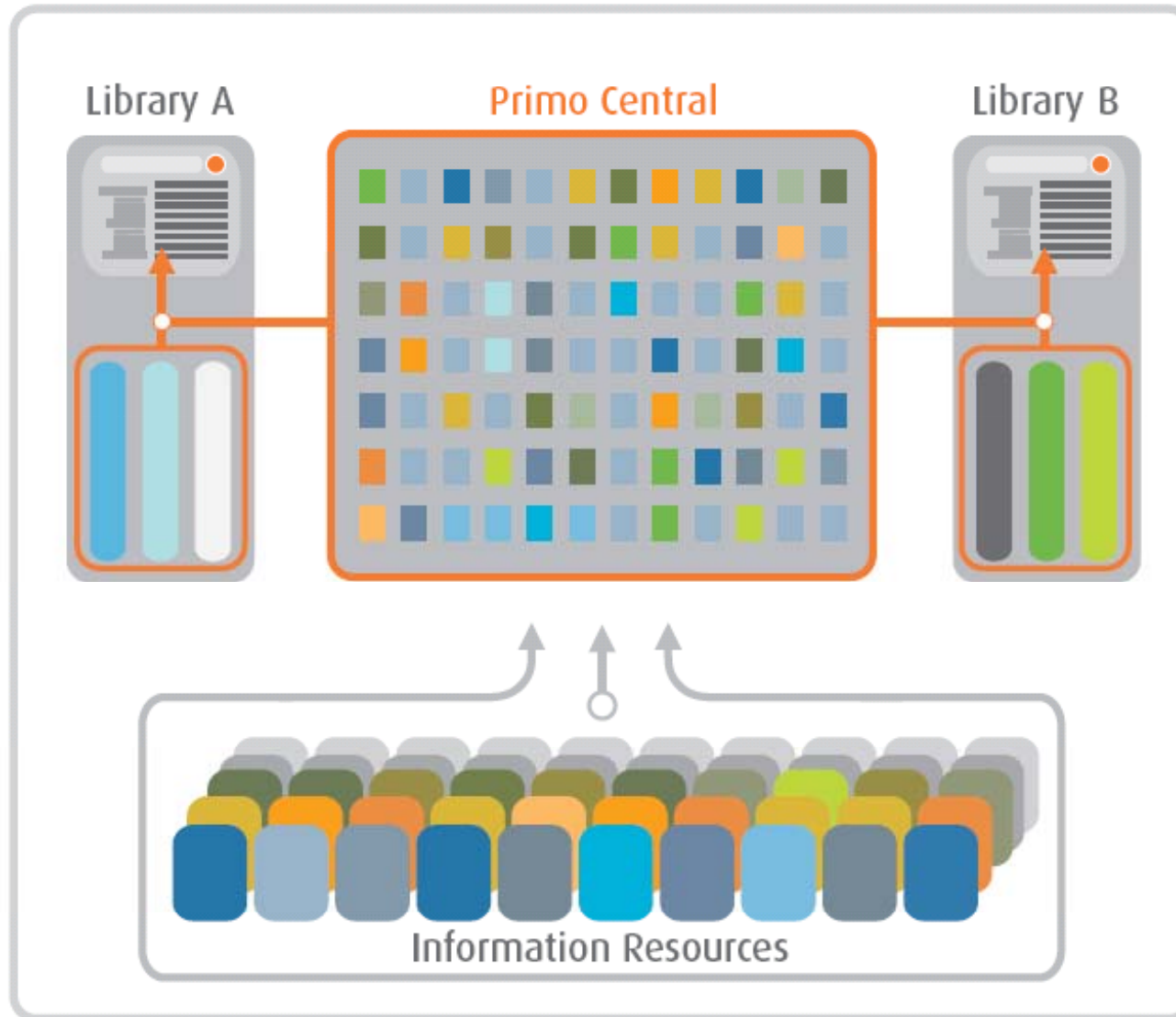
---

- Remember who the user is
- Build scholarly offering around institutional nucleus
- Help the user focus
- Complement searching with additional tools such as recommendations and links to related materials
- Provide relevant services



# Federated Search (aka 'Web-Scale' Discovery)

---



# **Primo Central**

Stellenbosch, February 2010

pride and prejudice

search

Advanced Search

Subscribe to Library News feeds



Refine My Results

Show Only

Online items (86)

Items currently in library (7)

Topic

Prejudice (18)

Austen Jane., 1775-1817

Pride and prejudice. (7)

Attitude of Health

Personnel (6)

Racism (4)

Ethnic Groups (3)

Show 32 more

Collection

Project MUSE (1,529)

MEDLINE (NLM) (55)

BMJ Journals (16)

PubMed Central (NLM) (15)

BioMed Central (9)

Show 4 more

Author/Creator

Bisset, W H (1)

Lunec, J (1)

Manelius, J (1)

Mitchell, Edwin A (1)

Astore, A (1)

Show 26 more

Language

English (77)

French (11)

Undetermined (1)

Creation Date

After 1999 (1,441)

1,647 results for Books Articles etc

sorted by: relevance

1-10 Next

View 3 versions



Book

Pride and prejudice. Jane Austen 1775-1817. Robert Ball 1890- illus. Garden City, N.Y., Doubleday, Doran & company, inc. 1945.

Available in your library

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Book

Pride and prejudice. An authoritative text, backgrounds, reviews, and essays in criticism, Jane Austen 1775-1817. Donald J Gray ed. New York, Norton 1966

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Article

Pride and prejudice. Northen, Stephanie Nursing standard (Royal College of Nursing (Great Britain) : 1987), Vol.22(22), p.18-20

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Article

Pride and prejudice. Duffin, Christian Nursing older people, Dec, 2006, Vol.18(11), p.12-3

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Article

Pride and prejudice. Mason, Diana J Nursing New Zealand (Wellington, N.Z. : 1995), Oct, 2007, Vol.13(9), p.19-21

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- Austen Jane., 1775-1817 Persuasion. (5)
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ELH, 1997, Vol.64(2), p.503-535  
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Biggers, Jeff  
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Salzmann, Zdenek  
Language, 2004, Vol.80(4), p.876-877  
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Article

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Fette, Julie  
Journal of Women's History, 2007, Vol.19(3), p.60-86  
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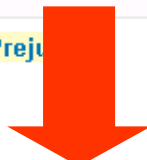
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- 2. Macpherson, S. "Rent to Own; or What's Entailed in Pride and Prejudice." *Representations* 82.82: 1-23.
- 3. Stevenson, J. "'Slipping into the Ha-Ha': Bawdy Humor and Body Politics in Jane Austen's Novels." *Nineteenth-century literature* 55.3 (2000): 309-339.

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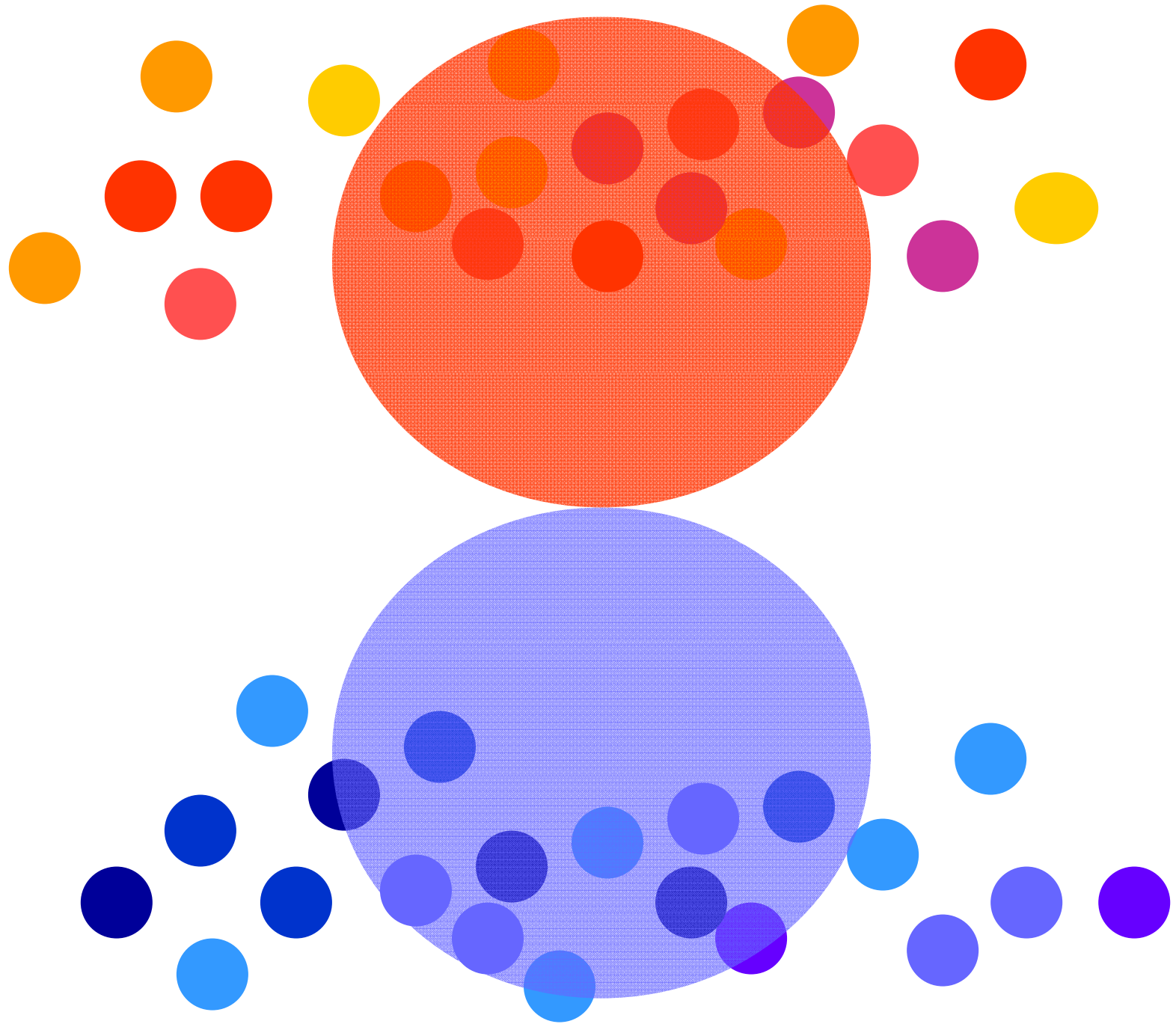
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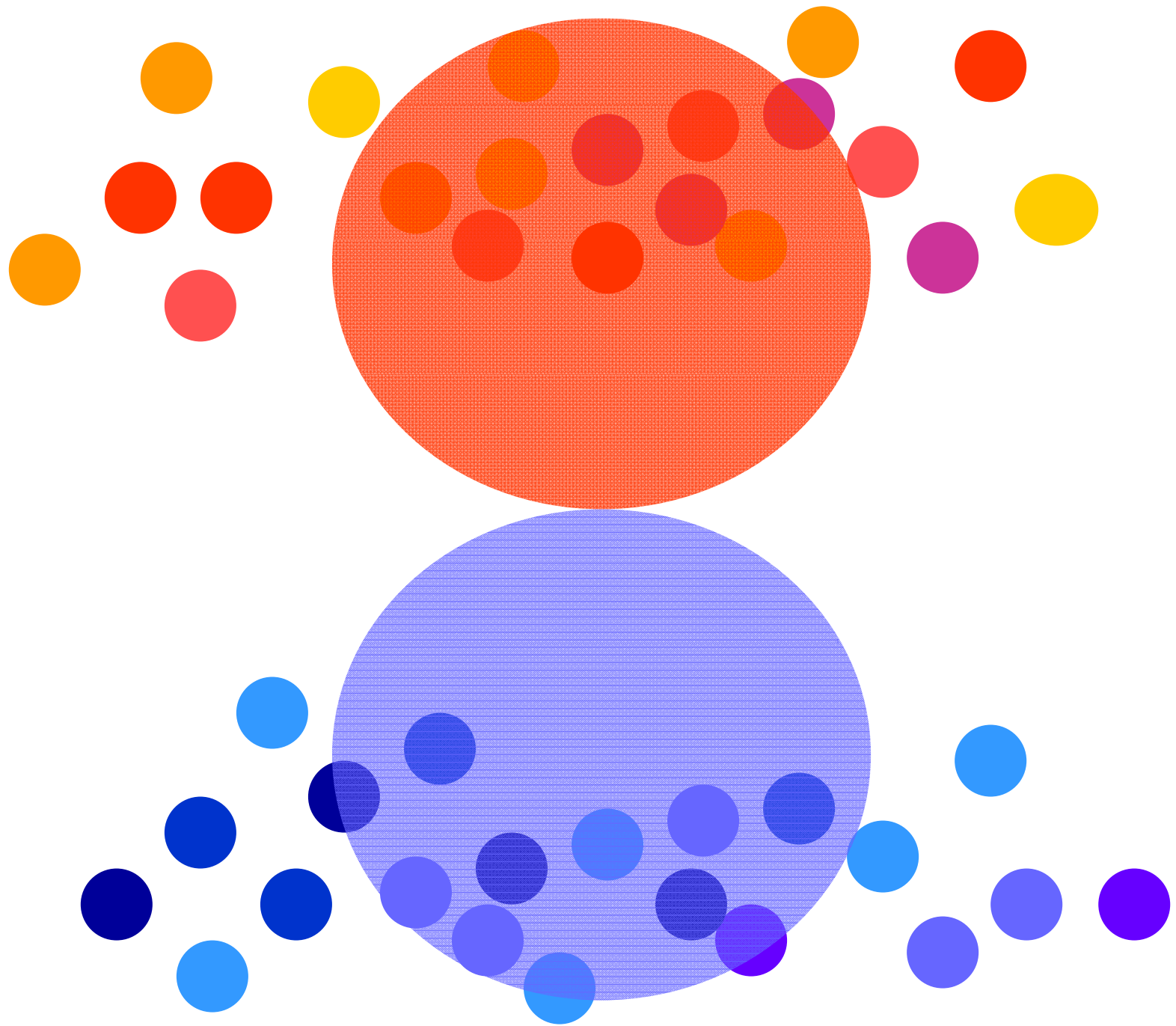
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- 'Returning the Researcher to the Library' (*Recent Library Journal webinar title*)
- 'Get better value out of our resources that don't start with the letter "A"' (*Ron Berry, Grand Valley State University*)
- 'Casts a wider net: more results from greater breadth, with facets narrowing to the most appropriate resources' (*Ron Berry, Grand Valley State University*)









**Thank You!**

Jenny Walker

[jenny.b.walker@gmail.com](mailto:jenny.b.walker@gmail.com)

[t](#)

Stellenbosch, February 2010