## **Syracuse University**

# **SURFACE**

Upstate New York Science Librarians Conference

2010

# Using User Research to Remodel a Chemistry Subject Guide

Sue Cardinal University of Rochester

Follow this and additional works at: https://surface.syr.edu/nyscilib



Part of the Library and Information Science Commons

#### **Recommended Citation**

Cardinal, Sue, "Using User Research to Remodel a Chemistry Subject Guide" (2010). Upstate New York Science Librarians Conference. 43.

https://surface.syr.edu/nyscilib/43

This Presentation is brought to you for free and open access by SURFACE. It has been accepted for inclusion in Upstate New York Science Librarians Conference by an authorized administrator of SURFACE. For more information, please contact surface@syr.edu.

# Using User Research to Remodel a Chemistry Subject Guide

SUE CARDINAL
UNIVERSITY OF ROCHESTER
UPSTATE SCIENCE LIBRARIANS MEETING
OCTOBER 25, 2010

# Chemistry



Subject Librarian: Sue Cardinal

Location: Carlson Science & Engineering Library

Email: scardinal@library.rochester.edu

Phone: 585-275-9007

Ask Sue Live



IMPORTANT: This guide is no longer being updated and will go away soon. Please update your bookmarks and links to point to http://www.library.rochester.edu/subject/chemistry. Thanks! Sue

This guide provides efficient access to selected electronic chemistry databases, journals, and reference works for the advanced undergraduate, graduate student and researcher. Orientation Video (5 mins)

#### Journals, Books & Databases

- Electronic Journals
- Books in Voyager Catalog
- . 0
- More Chemistry Books
- SciFinder Scholar Web / About SciFinder Scholar
- Science Citation Index (ISI Web of Science) / About SCI
- Reaxys / Invalid Link
- About Beilstein
- Medline: PubMed / Ovid
- Online Reference
- Patents
- Find Dissertations
- UR Research: Chemistry

#### Career Resources & Networking

- Careers & Jobs
- Professional Societies
- Directory of Graduate Research
- EPiC: Experiential Programs in Chemisty (for undergraduates)
- Grants & Funding
- Foundation Directory
- Poster Presentation Tips

#### Course Resources

- Current Chemistry Courses
- Technologies for Teaching & Learning Chemistry

#### Research Tools

- Properties of Substances
- Websites for Synthetic Chemistry
- Chemical Catalogs
- Chemical Safety
- Unit Converter
- Chemistry Drawing Software
- Interlibrary Loan
- Refworks About Refworks
- EndNote Help
- Keeping Current in Chemistry

#### Web Search Tools

- Chemistry 2000 Cambridge
- New! ChemSpider
- ChemSpy
- Gooale Chemistry
- Google Scholar (beta)
- Intute: Chemistry
- Links for Chemists
- Science.gov US Gov. Info.
- Scirus
- Scitopia
- SIRCH: Selected Internet Sources for Chemistry Wiki
- World Wide Science
- Yahoo Chemistry











**Services** 

Katie Clark Dr. Nancy Foster Committee:
Head Public Anthropologist Alison, Sarada, and Helen



Workshop with **Chemistry Users** 

# Recruitment

- 4 faculty Invited via email and all accepted
- 6 grads Walked through labs and invited personally. Some accepted. Did some last minute recruitment in the grad lounge.
- 2 undergrads Emailed invitation with help of undergrad admin, Terri Clark.

# When did you last use:

- o the Library Website? 1 week ago. (Range 0-30 days)
- Carlson Library in person? 2 weeks ago. (Range 0-90 days)
- o Cell phone? 2.5 hours ago. What for? Call, text, time, email, calendar

# What are your favorite/ frequently used:

- Websites? Facebook, Google, Email, Course pages, ACS
- Web browser? Firefox (security concerns)
- Word Processer? Microsoft Word
- Database? SciFinder, Reaxys, ISI Web of Science

# Navigation Preferences:

- Lots of information up front,
- or lots of layers
- How did you find about the Chemistry Subject Guide? Sue
- What years of articles are important? 1950 current
- How do you learn about interesting article? Browsing online TOCs, Searching SciFinder or ISI

# Chemistry



Subject Librarian: Sue Cardinal

Location: Carlson Science & Engineering Library

Email: scardinal@library.rochester.edu

Phone: 585-275-9007

Ask Sue Live



IMPORTANT: This guide is no longer being updated and will go away soon. Please update your bookmarks and links to point to http://www.library.rochester.edu/subject/chemistry. Thanks! Sue

This guide provides efficient access to selected electronic chemistry databases, journals, and reference works for the advanced undergraduate, graduate student and researcher. Orientation Video (5 mins)

#### Journals, Books & Databases

- Electronic Journals
- Books in Vovager Catalo

- SciFinder Scholar Web / Allout SciFinder Scholar
- Science Citation Index (ISt Web of Science) / About SCI
- Reaxys / Invalid Link
- About Beilstein
- Medline: <u>PubMed</u> / <u>Ovid</u>
- Online Reference
- Patents
- Find Dissertations
- UR Research: Chemistry

#### Career Resources & Networking

- Careers & Jobs
- Professional Societies
- Directory of Graduate Research
- EPiC: Experiential Programs in Chemisty (for undergraduates)
- Grants & Funding
- Foundation Directory
- Poster Presentation Tips

#### Course Resources

- Current Chemistry Course
  - Tookpologies for Topobing k Learning Chemistry

#### Research Tools

- Properties of Substances
- Websites for Synthetic Chemistry
- Chemical Catalogs
- Chemical Safety
- Chemistry Drawing Softwale
- Interlibrary Loan
- Patwarks About Refworks
- EndNote Help
- Keeping Current in Chemistry

#### Web Search Tools

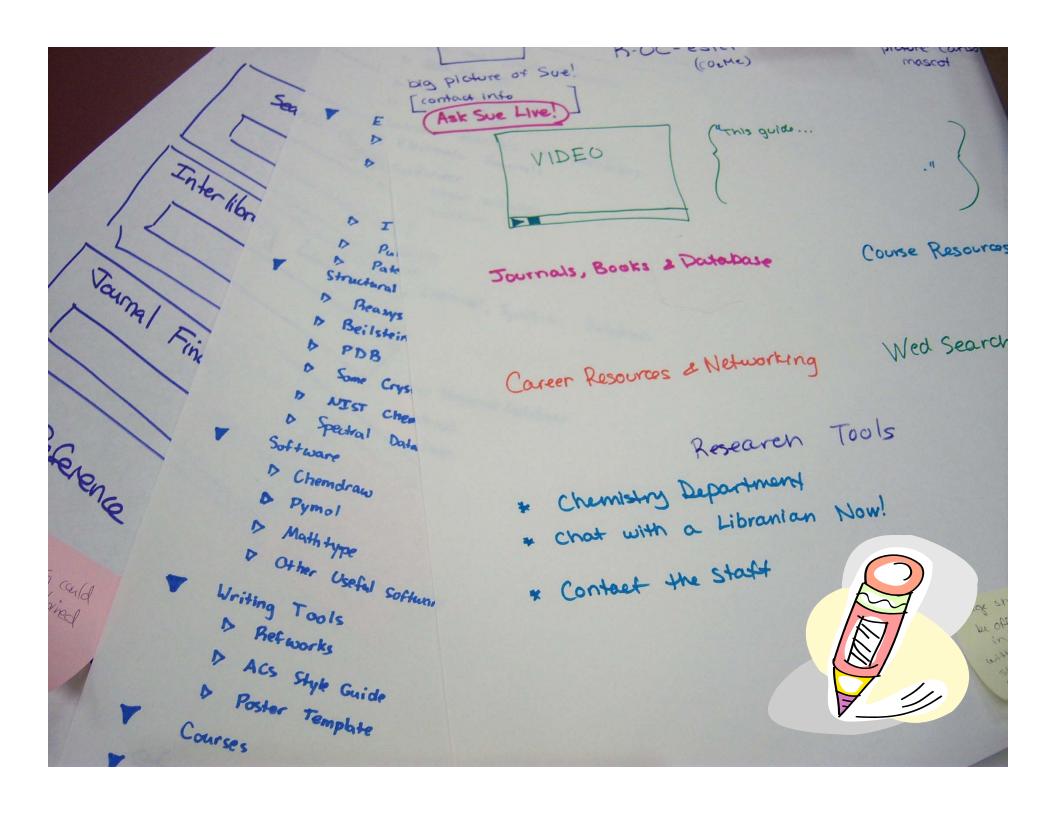
- · Chemistry 2000 Cambridge
- New! ChemSpider
- Chem/
- Goog
- Goo
- Intute
- Links for
- Scien
- Scin
- Scito,
- SIRCH, Selected Internet Sources for Chemistry Wiki
- World Wide Science
- Yahoo Chemistry

# **Chemistry Dept**



🕒 <u>Return to Top</u>







Home > Research by Subject >

## Chemistry



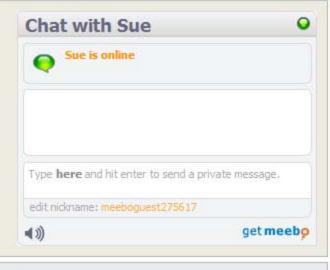
Subject Librarian: Sue Cardinal

Email: scardinal@library.rochester.edu

Phone:

585-275-9007

Office Hours: By Appointment



Voyager Catalog | Databases | eJournals | Writing & Citing

Resources especially selected for students and professors in the Chemistry Department

## Journals

- Chemistry EJournals
  - Journal of the American Chemical Society (JACS)
  - Angewandte Chemie (International Edition)
  - Journal of Biological Chemistry
  - Chemical Society Reviews
- Citation Linker
- Interlibrary Loan



Databases - University list above

#### SciFinder on the Web - Dates:

1879-current

Register with your UR email address to obtain a free password.

Please remember to sign out due to limited access.

Reaxys: Beilstein, Gmelin and Patent Chemistry on the Web - Dates: 1771-present



SciFinder<sup>e</sup>



Books

Vovager



- Voyager
- WorldCat.org for the world's books
- New! Reference Books
- Ebrary Chemistry Books (ebooks)



### <u>Courses</u>

my.rochester.edu



- · Download ChemDraw
- RefWorks Login
- Download EndNote

More Software

# Special Topics

- Buving Chemicals
- Properties of Substances
- Synthetic Chemistry Websites
- Chemical Safety
- New! Find Dissertations



# **Careers & Networking**



# Sue's Meliora Page (How to . . . )

Chemistry on the Web – Dates:

1771-present

Science Citation Index Expanded - Via

ISI Web of Science - Dates: 1973 -

current

Medline - PubMed - Dates: 1950 -

current

List All Chemistry Databases



ISI Web of Knowledge™



## Reference Tools

**Combined Chemical Dictionary** – Via

ChemNetBase – Dates: Varies

For structure searching, use only Internet

Explorer

**CRC Handbook of Chemistry and Physics** 

- Dates: current edition

Encyclopedia of Inorganic Chemistry -

Dates: Varies

e-EROS Encyclopedia of Reagents for Organic Synthesis – Dates: 1995 -

current

Merck Index - Dates: Varies

<u>SDBS: Integrated Spectral Data Base</u> <u>System for Organic Compounds</u> – Dates:

1982 - current

List All Reference Tools

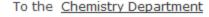




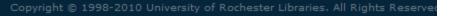












#### Chemistry Ejournals

Tell Sue at scardinal@library.rochester.edu about broken links, incorrect volume/ date listings or missing journals. Use the browser function "Find" (Ctrl+F) to search for a specific title. If title is not found, check the more comprehensive University eJournals list and check Voyager for a print copy. If we don't own it, use the free, quick Interlibrary Loan service.

#### Frequently Used

- . Accounts of Chemical Research (ACS) v. 1 (1968) -
- · Angewandte Chemie International Edition (Wiley) v. 1 (1962) -
- Biochemistry (ACS) v. 1 (1962)-
- Chemical and Engineering News (ACS) v.76, no.32 (Aug 1998)-
- · Chemical Communications (RSC) 1996-
- Chemical Society Reviews (RSC) v. 1 (1972)-
- . Inorganic Chemistry (ACS) v. 1 (1962)-
- . Journal of Biological Chemistry (ASBMB) v. 1 (1905)-
- . Journal of Chemical Education (ACS) v.1 (1924) -
- . Journal of Organic Chemistry (ACS) v. 1 (1936)-
- . Journal of Physical Chemistry, B (ACS) v.101 (1997)-
- Journal of the American Chemical Society (ACS) v. 1 (1879)-
- Molecular pharmacology (ASPET) v.51, no.1 (Jan. 1997)-
- Nano Letters (ACS) v. 1 (2001) -
- Nature (NPG) v.325, no.6099 (Jan. 1987)-
- Organic Letters (ACS) v.1, no.1 (July 15, 1999)-
- Organometallics (ACS) v.1 (1982)-
- Physical Chemistry Chemical Physics (PCCP) (RSC) v. 1 (1999)-
- . RNA (RNA Society) available through the RNA Society 1995- present and PubMed Central 1995-6 months ago
- Science (AAAS) v.1 (1880)-
- Tetrahedron (Elsevier) v. 1 (1957) -
- Tetrahedron Letters (Elsevier) v. 1 (1959)-

#### ABCDEFGHIJK-LMNOPQRSIU-Z

#### Α

- . Accounts of Chemical Research v. 1 (1968) -
- . ACS Applied Materials & Interfaces v. 1 (2009) -
- · ACS Chemical Biology v. 1 (2006) -
- ACS Chemical Neuroscience v. 1 (2010) -