

## Emerging technologies in an academic health sciences library: Social bookmarking, folksonomies, wikis, blogs, podcasting ...

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## Background

- University of Michigan Dentistry Library: Basics
  - One of three partner libraries in the health sciences for the University of Michigan campus.
  - Supports active onsite clinics, research and education.
  - Collection of approximately 70,000 volumes.
  - Staff of 5.5 FTE (when fully staffed and including hourly assistants).
  - Open 60.5 hours per week.

## Background

- University of Michigan Dentistry Library: Technology
  - Web master is head librarian.
  - Staff assistance for web content consists of typing documents into Microsoft Word.
  - Onsite technology coordinator is head librarian, who provides training, support, and troubleshooting.
  - Additional tech support is provided off-site by Library Help Desk and School of Dentistry Help Desk.

## Infrastructure Requirements

- UM is rich in customized tools for these functions (a.k.a. Web 2.0 tools) ...
- ... but there are free versions available for most.
- What is needed is a decent computer and stable internet connection ...
- ... and a vision for what you'd like to do.

## Type of functions

- Reference
- Guides
- Handouts
- Newsletters
- Instruction
- Web site development

## Blogs

The screenshot shows a web page for the Dentistry Library's mblog. The header includes the date "September 02, 2006" and the title "Foundations of Dentistry In Egypt". The main content area contains a paragraph of text, a "SEARCH" box, and a "CATEGORIES" list. The footer includes a URL and a note about the post being created by pfa at 02:45:29 on 09/02/2006.



## Social bookmarking (Delicious)

- Collect links to build a website ...

del.icio.us / faceit / [ ] popular | recent  
your bookmarks | your network | inbox | links for you (1) | post logged in as faceit | settings | logout | help

All your items (314) del.icio.us search

earlier | later page 1 of 4

World Craniofacial Foundation [edit / delete](#)  
to craniofacial consumer health ... 5 days ago

NORD - National Organization for Rare Disorders, Inc. [edit / delete](#)  
to craniofacial consumer health ... 5 days ago

Genetic Alliance - Advocacy, Education & Empowerment [edit / delete](#)  
to craniofacial consumer health ... 5 days ago

The Family Village / Waisman Center / University of Wisconsin Madison [edit / delete](#)  
to craniofacial consumer health ... 5 days ago

Faces [edit / delete](#)  
to craniofacial consumer health ... saved by 2 other people ... 5 days ago

**ConsumerHealth**  
consumer health  
national craniofacial association  
nord center  
**Syndromes/Disorders-A** [edit / delete](#)  
aps  
acropolyiodotyrosinemia  
acropolyiodotyrosinemia 2  
acropolyiodotyrosinemia 4  
acropolyiodotyrosinemia summi  
acropolyiodotyrosinemia 1  
acrodystosis  
adrenomedullary pheochromocytoma  
adrenomedullary pheochromocytoma  
adrenomedullary pheochromocytoma

## Social bookmarking (Delicious)

- Collect information for a reference question (privacy) ...

earlier | later showing all 25 items

Wrong Diagnosis - Chiari Malformation [edit / delete](#)  
by chris ... saved by 1 other person ... 30 July 03

NeurosurgeryToday.org | What is Neurosurgery | Patient Education Materials | chiari type I malformation [edit / delete](#)  
"This information is published by the Pediatric Section of the American Association of Neurological Surgeons and Congress of Neurological Surgeons. This article is sponsored by the Section as a service to parents. Its purpose is to help you understand the ...  
by chris ... consumer health ... saved by 2 other people ... on June 03

Chiari Malformation Decompression Surgery [edit / delete](#)  
Brief (1-page pdf) home care post-operative instructions for parents from Vanderbilt.  
to chris ... children parenting therapy treatment ... on June 03

**related tags**  
articles  
clinical trials  
consumer health  
diagnosis  
glossary  
history  
imaging  
neurology  
neurosurgeon  
neurosurgery  
organization  
parenting  
support group  
therapy treatment  
yaho

**Accessibility**  
accessibility  
disaster planning  
usability

## Social bookmarking (Delicious)

- Collect information and searches for your manager

earlier | later showing all 26 items

PubMed: "(avian flu" OR "avian influenza" OR "bird flu" OR "pandemic flu" OR h5n1) [edit / delete](#)  
A comprehensive PubMed search on avian flu. Requires University of Michigan login to retrieve articles.  
to avian flu search research search medicine ... 5 days ago

PubMed: "(avian flu" OR "avian influenza" OR "bird flu" OR "pandemic flu" OR h5n1) [edit / delete](#)  
A PubMed search on avian flu designed to retrieve only items with links to free full text, English.  
to avian flu search research search medicine ... 5 days ago

"(avian flu" OR "avian influenza" OR "bird flu" OR "pandemic flu" OR h5n1) - Google Search [edit / delete](#)  
A websearch via Google for resources on avian flu.  
to avian flu search research ... 5 days ago

Policy Review: State Plans for Containment of Pandemic Influenza | CDC EID [edit / delete](#)  
Emerging Infectious Diseases Volume 12, Number 9, September 2006  
to avian flu search research disaster planning pandemic disaster response ... 5 days ago

**related tags**  
articles  
biological  
disaster planning  
disaster response  
education  
epidemiology  
genomics  
government  
health  
healthcare  
history  
influenza  
international  
link collections  
medicine  
media  
news  
pandemic  
public health  
reference  
research  
search medicine  
travel  
wiki  
video  
websearch  
wiki

**Accessibility**  
accessibility  
disaster planning  
disaster response  
usability  
web-accessibility  
usability

**Animals**  
birds  
diseases

**AspergerPlus** [edit / delete  
asperger  
assistive technology  
autism  
autism spectrum disorders](#)

## Social bookmarking (Delicious)

- Social bookmarking tools
  - Del.icio.us
  - Furl.com

## Folksonomy Tools

- Discover resources:
  - Connotea: <http://www.connotea.org/>
  - CiteULike: <http://www.citeulike.org/>
- Create expert custom search sets:
  - Rollyo: <http://rollyo.com/>
  - Gigablast: <http://www.gigablast.com/cts.html>
- PR and Helping Users
  - Flickr: <http://www.flickr.com/photos/tags/libraries/>
  - LibraryThing: <http://www.librarything.com/>

## Folksonomy Tools

ROLLYO  Explore Searchrolls

Discover other people's searchrolls, try them out, and add the ones you like to your list of saved searchrolls.

Search keyword or URL:  Go

### Your Searchrolls:

- Antiquarian Medical Books rolled by Patricia F. Anderson
- DIY Quotes from Sources rolled by Patricia F. Anderson
- Dental Consumer Health rolled by Patricia F. Anderson
- Biomaterials Starter kit rolled by Patricia F. Anderson
- Grants/Grantees Not Govt rolled by Patricia F. Anderson
- Grants/Grantees US Govt rolled by Patricia F. Anderson
- Nano rolled by Patricia F. Anderson
- Science News rolled by Patricia F. Anderson

## Folksonomy Tools

[http://rollyo.com/pfa/antiquarian\\_medical\\_books](http://rollyo.com/pfa/antiquarian_medical_books)

## Podcasts

- Asynchronous bibliographic instruction and Distance learning
  - <http://www.dent.umich.edu/informatics/bootcamp>
- Content for web development. Examples:
  - Interviews
  - How to ...
  - Pronunciation and vocabulary guides

*How To:*

Think radio ...

For accessibility, provide transcripts.

## Wikis

- Project management
- Timelines
- Web development and support
- Private workspace for teams

## Accessibility

- Accessibility is always a balancing act requiring informed, aware, and often delicate choices.
- Consider your patrons and clients, their abilities, resources and needs.
- Do testing and trials in the event of a question of accessibility.
- Do training, always, when the resource or technology is new to your service population.