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

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Blogs

- Announcements & Updates
- Exhibits
- Guides
- Information Skill Building
- Opt-in Newsletters
- Reference
- Technology Fixes & Journal Outages
- Tutorials
- Web support and development

Blogs

- Example: Omics Series: http://mblog.lib.umich.edu/dentlib/archives/r esources/research/omics
- Includes:
 - Canned web searches
 - Canned Pubmed searches
 - Rollyo search tools
 - Advanced search of online catalog
 - How to find specific types of online resources
 - ... and of course, links and content.

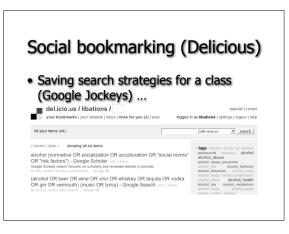
Blogs

- Free tools for blogging (sample):
 - Blogger
 - LiveJournal
 - TypePad
- Comparisons:
 - http://www.techsoup.org/learningcenter/webbuildi ng/page4998.cfm
 - http://prwdot.org/blogging/
- Where are the medical librarians?
- http://liswiki.org/wiki/Medlib_Blogs

Social bookmarking (Delicious)

- Reference
- Save a search strategy
- Web site support & development
- Course-integrated instruction (with Google Jockeys)

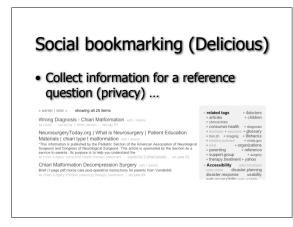




Social bookmarking (Delicious)

Collect links to build a website ...

All your items (314)	del.icio.us search
« earlier later » page 1 of 4	- ConsumerHealth
World Craniofacial Foundation edit / defete to craniofacial consumer.health 5 days ago	consumer.health national.craniofacial.association nord.omim
NORD - National Organization for Rare Disorders, Inc. edit / delete to craniofacial consumer health mayed by 22 other people 5 days ago	Syndromes/Disorders-A acta acps
Genetic Alliance – Advocacy, Education & Empowerment edit / delete to craniofacial consumer health (jawed by 5 other people 5 days ago	acrocephalopolysyndactyly acrocephalopolysyndactyly.3 acrocephalopolysyndactyly.4
The Family Village / Waisman Center / University of Wisconsin Madison edit / delete to craniofacial consumer health gaved by 10 other people 5 days ago	acrocephalopolysyndactyly.summit: acrocephalosyndactyly acrocephalosyndactyly.1 acrodysostosis acrocsteolysis
Faces edit / delete to craniofacial consumer health saved by 2 other people 5 days apo	adenomatous.polyposis adenomatous.polyposis.colon aer afibrinogenemia.congenital



Social bookmarking (Delicious)

Collect information and searches for

extrel fully a booking al 28 leness PubMed: (avian full- OR² avian influenza² OR² bird full⁴ OR² pandemic full⁴ OR hoff), and al and the Requires University of Michigan login to interve al workin full mith search search endfore advised. In State 5, and an application is workin full mith search search endfore advised. In State 5, and an application full OR hoff), and advised the search endfore advised and the search endformation full of Andred search endfore advised to informe endformation that host full full search endformation Andred search end the distribution of the advised to informe endformation that host full full search endformation Andred search endformation the distribution of the distribution.

v related tags + articles
+ biingual + disaster.planning + disaster.response
+ education + epidemiology
+ genomics + global + government + health
+ government + health + healthcare + history + influenza + international + link.collections + medicine
+ medlineplus + news + outbreaks + pandemic + public.health + reference + research + search medline + travel + umich + video + websearch + wiki
 Accessibility color.blindness color.vision disaster.planning disaster.response usability web.accessibility web.usability
· Animals birds clownfish
 AspergersPlus adhd asperger assistive.technology autism autism.spectrum.disorders

Social bookmarking (Delicious)

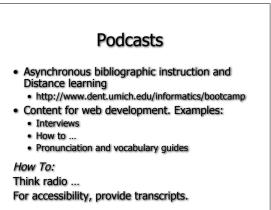
- Social bookmarking tools
 - Del.icio.us
 - Furl.com

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/

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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.