

Real Life Scenario

- Patient with stab wound comes into the emergency room. Because of his deteriorating condition he was immediately brought to the operating room.
- At the OR, the patient was found out to be bleeding profusely despite tying up all the bleeding vessels. The surgeon suspects a bleeding problem.

Real Life Scenario

- What is the bleeding problem of this patient?
- Answer must come within thirty minutes or else the patient will lose all his blood.

Library Services: Impact on Health Care Delivery

Alvin B. Marcelo, MD

UP Manila

National Telehealth Center

Outline

- What changes have happened in the last ten years?
- How should we respond to these changes?
- Tools for librarians
- Impact to library services, health care services, health outcomes

What Has Happened in the Last
10 years?

1990

- Index Medicus was the medical student's friend [and enemy]

1994

- Internet access was available only from the Computer Center at the University Library
- Thirty-six people had an email address that ended with @kulog.upm.edu.ph

December 1996

- UPCM EMERALDS opens and OVID now available over the intranet via CDROM
- Later, online full text articles were accessible from any machine in the library

Pre-1997

- In order to access MEDLINE electronically, you had to pay a certain amount



UNITED STATES

National Library of Medicine

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Press Release: Free MEDLINE

VICE PRESIDENT LAUNCHES FREE ACCESS TO WORLD'S LARGEST SOURCE OF PUBLISHED MEDICAL INFORMATION ON WORLD WIDE WEB

Consumers and Health Professionals Worldwide to Have Fingertip Access to Cutting-Edge Research

(Bethesda, MD -- June 26, 1997) --Vice President Gore announced today that a new service launched by the National Library of Medicine, a part of the National Institutes of Health, will provide all Americans free access to MEDLINE® -- the world's most extensive collection of published medical information -- over the World Wide Web. Prior to this announcement, users have had to register and pay to search MEDLINE and other NLM databases. This free service will be demonstrated by Vice President Albert Gore at a press briefing to be hosted by Senator Tom Harkin (D-IA) on Thursday, June 26, 1997 at 10:30 a.m. in Room 192 of the Dirksen Senate Office Building, United States Senate.

 [Video](#) [News Conference Video Clip](#)

From a computer in the comfort of their own home or from one in their neighborhood

December 1997

- UPM launches the fiber-optic backbone
- UP College of Medicine lays down own intranet

January 2007

- Wireless hotspots now covering the medical library, and later the whole campus

The times are a-changin'

- New data formats (soft copies, mp3, mp4, avi, flash, etc)
- Wikipedia, blogs, Web 2.0
- New devices for accessing information (PDAs, cellphones, mp3 players)
- WiFi hotspots allowing users to access information anytime, anywhere

What has changed?

- More computers
- More expansive networks
- More online services (OPAC, UPM website, Computerized Registration System)
- More users of the system (through their wifi laptops)

What has NOT changed?

- Still not enough funds
- Not enough new computers
- Slow Internet (or servers down)

What do librarians do?

- Organize information
- Make it as easy as possible to find
- Provide support to help find it

Information Packaged as:

- books
- movies
- television programs
- magazines,
- newspapers
- web pages

Information Lifecycle

- generating
- collecting
- describing
- organizing
- storing
- retrieving
- disseminating
- repackaging
- utilizing
- archiving
- conserving
- preserving
- destroying

Specializations

- Cataloging
- Automation
- Public Services
- Administration

The Shape of the 21st Century Library

Howard Besser

Visiting Associate Professor

UC Berkeley School of Info Mgmt &
Systems

<http://www.gseis.ucla.edu/~howard/Papers/peters.html>

- Access from multiple locations
- Making more resources available
- Making information available in rawer forms
- Diminishing roles for intermediaries

Libraries are becoming less important for the materials they collect or house, and more important for the kind of material they can obtain in response to user requests.

With the proliferation of networked digital information, the librarian's role is shifting from caretaker of a physical collection to someone who identifies resources in collections housed elsewhere.

Key Challenges

Flat fee vs. pay-per-use

Best-seller phenomenon

Consolidation of electronic information distributors

Privacy

Access

Cultural and economic diversity

Impact to Health Care Delivery

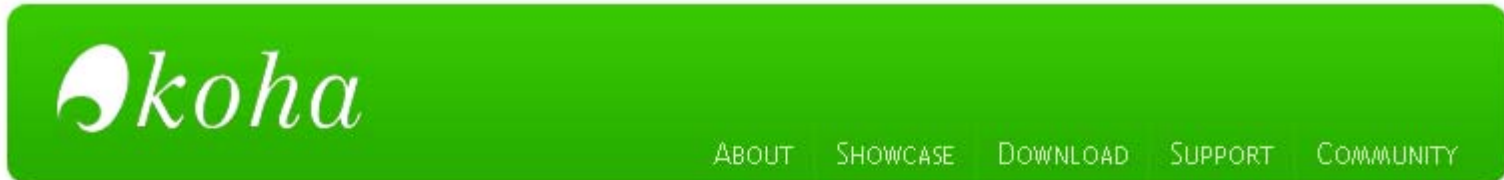
- Access to information at the point of need
- Less guessing for healthcare practitioners
- Speed in accessing the right information by providing an effective storage and retrieval system
- Evidence-based information access system that places high access documents at the top of the list

Collect

- Paper-based
- Electronic
 - Freely available on the Internet (requires good Internet connection)
 - Pay-per-use stored in library system for other users to access

Archive/Store

- Greenstone Digital Library
- KOHA
- iVia Open Source Virtual Library System



koha v.2.2

Koha is a full-featured open-source ILS. Developed initially in New Zealand by Katipo Communications Ltd and first deployed in January of 2000 for Horowhenua Library Trust, it is currently maintained by a team of software providers and library technology staff from around the globe.

- > [read more](#)
- > [demo](#)
- > [download](#)

A screenshot of the Koha v.2.2 web interface, showing a 'Manage Your Library' page with various administrative options and a background image of a landscape.

New Koha Extensions Manager Site Released

The new contribs site is a place where you can find plugins, like template sets, browser plugins, migration tools and command line utilities for Koha.

Check it out at <http://contribs.koha.org>



The Koha community welcomes West Liberty Public Library of Iowa , USA.
[visit WLPL](#)

Latest News

- > [New Extensions Manager Website Launched](#)
17 Jan 2007
- > [Koha 2.2.7 with new z39.50 client released](#)
27 Nov 2006
- > [Koha 2.2.6 released](#)
18 Oct 2006

[more news](#) >

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Koha Administration
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About Koha

Logged in as: circ
[Log Out](#)

Catalog Maintenance

Search Existing Records

<u>T</u> itle	<input type="text"/>	[starts-with, exact]
<u>I</u> SN	<input type="text"/>	[numeric values only]

[Search](#)

- If the ISBN is found into the database, that record will be retrieved and can be modified.
- If the ISBN is found in the reservoir, it will be retrieved and a full record added.
- Otherwise, a record can be added from scratch.

Create a Blank Bibliographic Record

Choose a Framework: [Add Record Without Search](#)

Digital Content System

Select a Collection

DCS Home

ASTI Library

PREGINET Digital Library

Z39.50 Research

PREGINET Digital Library

Home

Help

Preferences



Acta Medica Philippina

This collection from the UP College of Medicine features medical documents, articles and treatises of the Acta Medica Philippina publications from 1993 to 2001.



ASTI Journal

This collection includes Microelectronics and



FPRDI Annual Reports

This collection showcases the annual reports of the Forest Products Research and Development Institute (FPRDI).



HACCP Publications

This collection contains Kritikal na Bahagi ng HACCP to expedite the completion of Critical Control Point



ASTI Publications

This collection features digital copies of publications of the Advanced Science and Technology Institute. It includes journals and magazines, as the Philippine Journal of ICT and Microelectronics and the PREGINET Newsletters.



ASTI Annual Reports

This collection highlights the annual reports from 1989 until today.

Retrieve

- Allow various devices to access the resources
- Allow wireless and wired access
- Allow other libraries to query the collection

Display

- Display the resources through various devices (computers, PDAs, cellphones)
- Deliver electronic media through email or web
- Manage electronic services centrally

Tools

- Internet
- Really Simple Syndication [RSS]
- Browser add-ons
 - Scrapbook

Bottomlines

- Libraries are undergoing transformations all around the world.

Bottomlines

- Librarians are challenged to learn new things -- many of them not even discovered ten years ago, most are about technologies.

Bottomlines

- The key elements to determine is the vision of the home organization.
- The library should serve the needs of the home organization and help bring it closer to its vision and mission.

Bottomlines

- Technology follows, and does not precede, the vision and the mission.