Re-thinking the role of the teacher librarian in a post literate society

IASL 2011 professional paper presentation
Mark-Shane Scale

Librarian in the Department of Library and Information Studies, at The University of the West Indies Mona, Campus

Currently enrolled as a student of the University of Western Ontario for the PhD programme in LIS.

Interest in teaching, education and technologies.
Agenda

• Background: The Problem
• Suggested Roles
The Problem: Traditional learning

The teacher

The student

The printed text
Paradigm shift required in education

• How do we teach students how to learn based on new media and in particular (social online media)?
"All age groups must find material relevant to their needs. Collections and services have to include all types of appropriate media and modern technologies as well as traditional materials...Material must reflect current trends and the evolution of society, as well as the memory of human endeavour and imagination."
"The online environment has become an important and growing part of economic, cultural, civic, and social life, and the use of new Internet-based applications for collaboration and learning - including "social networking" sites - is becoming increasingly prevalent."
"Learning to use today's Internet, and specifically interactive web applications, effectively and safely is now an essential component of education... The development of information literacy skills requires that young people be able to safely and effectively use these important new collaborative tools."

http://wikis.ala.org/iwa/index.php/Main_Page
Teen Content Creators and Consumers

More than half of online teens have created content for the internet; and most teen downloaders think that getting free music files is easy to do.

November 2, 2005

Amanda Lenhart, Senior Research Specialist
Mary Madden, Research Specialist
2005 study conducted by the Pew Internet & American Life project

57% of online teens are ‘media creators’

- creating a blog or Web page;
- posting original artwork, photography, stories,
- Posting original videos online;
- remixing online content into their own new creations.

Most teenagers in the Pew studies have ‘done two or more of these activities’
2005 study conducted by the Pew Internet & American Life project

• one-third ‘share what they create online with others’
• 22 percent have their own Web sites
• 19 percent own blogs
Modern Researchers now use social media in their research workflow

Social media and research workflow

CIBER, University College London
Emerald Group Publishing Ltd

14 December 2010
Features of Web 2.0 technologies

- Allow for the creation of Web pages that
  - can be shared
  - viewers can comment on or contribute to
  - are not static and can be updated regularly

- Continuously evolving
  - ongoing improvements and changes

Web 2.0 technologies

Social bookmarking sites - del.icio.us

Social networking sites - facebook

Online video sharing sites - YouTube

Online photo sharing sites - flickr
Web 2.0 technologies

Wikis - pbwiki

Blogs - Blogger

Document sharing sites - Google Docs
Role 1: Teach **Collaboration in writing and creating information**

Writing is a process that is most times meant to express oneself to the public (Purves, Quattrini, & Sullivan, 1995, p. 2).

- helps a student to generate a public document.
ROLE 1: Collaboration with the student in writing and creating information

modern web more closely mirrors that writing and creating a document that expresses self to the public is

• never perfectly complete,

• a continuous move towards perfection in expression that occurs as writers interact with readers.
The Facebook chats for a librarian to students

Using social networking tools to engage students in the process of creating public documents.
Facebook messages of a librarian

Librarian:
• Where [have] you reach[ed] in your paper?
• Just set up the schedule and stick to it. Spend at least two hours each week on your paper and it will be done in no time!
Facebook messages of a librarian

Librarian:

• I have sent you in a link to an application where you can share the academic papers you're reading with your friends, [and] see the most popular papers... This application is used to show your friend what papers are you reading. You just click the "Add Citation" button to enter the bibliographic information for a paper you are currently reading, or an old favorite you would like to share.
The Facebook (message) diary of a librarian

**Librarian:**

- *If you add this application, then you will have your most recent citations appearing in a box on your profile page and on your friends' "Friends' Citations" panel.*

- *Add the application. Then you will be able to see what I am reading about online social networking and click on the link to access the same resources that I am accessing.*
Role 2: Locating and Gathering current awareness information

• Teaching students how to use automated tools to mediate the process namely tools such as
  – Twitter
  – RSS feeds and
  – i-Google

• And make sense of and select the right information there from.
Traditional versus Modern information gathering

Active search

Passive search
Twitter results for food safety

Results for food safety

Tweets

aspcapaw
@ASPCA
RECALL: Nestle Purina cat food shipped to CO, ID, OR may contain Salmonella http://go.usa.gov/gZaw #foodsafty #petfood #ASPCA
20 mins ago
Retweeted 116x times

bmarler
Bill Marler's Food Safety
Today is out! http://bit.ly/k8ZIE + Top stories today via @appliesnews
55 minutes ago

TravisQuemain
Travis Quemain
1 hour ago

FOODdayPDX
Oregonian FOoDday
Northwest Cattle: July Fourth food safety ads; holiday wine tasting; raw oysters a tough sell http://bit.ly/02Unt
1 hour ago

LakerGMC
Gary Glassford
It's why they exist RT @reasonmag Food-Safety Agencies Team Up; Find Unbelievably Stupid New Way to Waste Money http://bit.ly/04sDF
1 hour ago

FreshCategory
Heather Tiffany
The OC Food Safety Daily is out! http://bit.ly/29mnm + Top stories today via @foodsafetynews @globalgap @foodsafety @veganusadaily
1 hour ago

mikeybolts
Michael Bosaks
I have to take a "Food Safety Course" online for my work that is about as exciting as watching a graffiti.brothe
1 hour ago

LaRestAssoc
LaRetAssoc
Take 2 minutes to watch the new nationwide food safety campaign. They cleverly address cooking, chilling, cleaning http://bit.ly/045yT
1 hour ago

Trends

Worldwide change
Transformers #foodie
#mikaylaxwutiehobob #ﻫﻊﻫدﻫاکم shove

People results for food safety

USDAfoodSafety USDA Food Safety Follow
Food Safety and Inspection Service educates consumers on food safety and inspection issues.

FeedSafety Food Safety Info Cs Follow
As part of the USDA National Agricultural Library, FSIS provides food safety outreach programs.

feedhubgera US Food Safety Follow
Premier one-stop consumer food safety source with food safety news, tools, and resources.

unmsfoduaafety US Food Safety Follow
University of Minnesota Extension research-based food safety and consumer nutrition education.

About Help Blog Mobile Status Jobs Terms Privacy Shortcuts Advertisers Businesses Media Developers Resources © 2011 Twitter
Some results

- **Recall -- Firm Press Release**
- FDA posts press releases and other notices of recalls and market withdrawals from the firms involved as a service to consumers, the media, and other interested parties. FDA does not endorse either the product or the company.

- **Nestlé Purina Recalls Limited Number of Dry Cat Food Bags Due to a Potential Health Risk (Shipped Only to Colorado, Idaho and Oregon)**
- Page Last Updated: 06/28/2011
i-Google to gather, organise and manage web research & one’s writing
Role 3: Teaching students how to summarise and make notes through social bookmarking, tagging and micro-blogging
Frances Jacobson Harris in the Thursday, October 12th, 2006 blog for YALSA shared:

“...at my school we have a small group of students working on a photo gallery project which will consist of school sports photos taken during the past several years. The students’ primary task is to select the best photos, tag them, use image editing software to correct lighting problems and other technical imperfections, and upload their selections to a photo sharing site.”
Traditional writing process
When keeping a written journal, one has to flip through all the pages to locate what one has written.
The modern note making process

- Blogging with a search button

![Blogger Logo]
The modern note taking process
Summary of my main points

21st century education needs to

• go beyond the printed media and even the online editions of printed media

• recognise the benefits and application of online tools to writing and acquiring information and knowledge

• Teach the application of online tools in 21st century teaching of writing and reading
Summary of my main points

New teaching roles for teacher librarians to prepare 21st century researchers that use new media as part of their research flow:

1. Use social networking tools to become partners with students in the online research and writing process, providing unobtrusive guidance throughout the process

2. Teach students to gather and manage the acquisition of current information sources using the modern online tools such as Twitter, RSS feeds and i-Google

3. Prepare students to use social bookmarking, social tagging and micro-blogging as tools for summarising what they learned or read from online sources and for digital note taking.
References:


