

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

IASL 2011 professional paper
presentation

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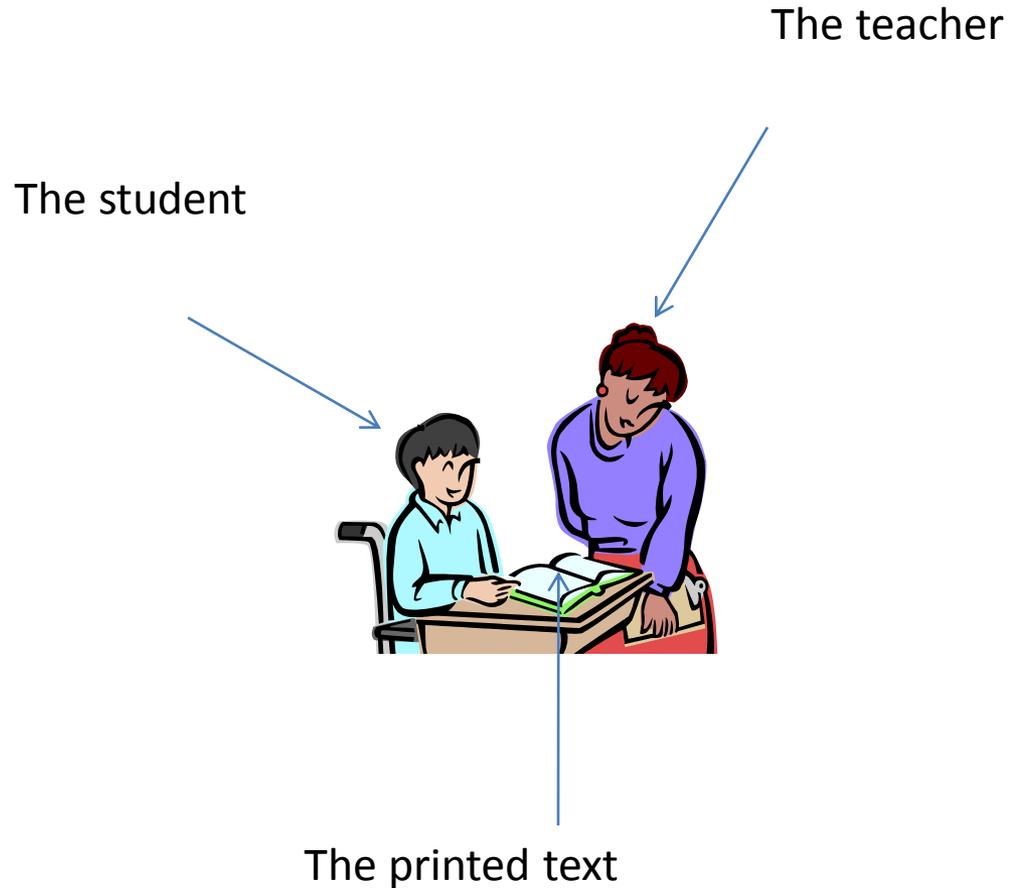
Interest in teaching, education and technologies.



Agenda

- Background: The Problem
- Suggested Roles

The Problem: Traditional learning



background

Role 1

Role 2

Role 3

Paradigm shift required in education

- How do we teach students how to learn based on new media and in particular (social online media)?

UNESCO/IFLA

Public Library Manifesto (1994)

"**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

2005 study conducted by the Pew Internet & American Life project



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

PEW INTERNET & AMERICAN LIFE PROJECT 1615 L ST., NW – SUITE 700 WASHINGTON, D.C. 20036

202-419-4500 <http://www.pewinternet.org/>

background

Role 1

Role 2

Role 3

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



background

Role 1

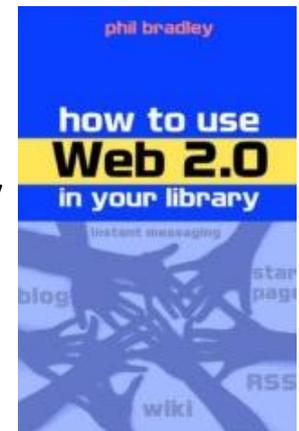
Role 2

Role 3

Features of Web 2.0 technologies

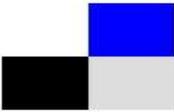


- Allow for the creation of Web pages that
 - can be shared
 - viewers can comment on or contribute to
 - are not static and can be updated regularly
- Continuously evolving
 - ongoing improvements and changes



Bradley, Phil. How to Use Web 2.0 in Your Library. London: Facet Publishing, 2007

Web 2.0 technologies

Social bookmarking sites -  del.icio.us

Social networking sites - 

Online video sharing sites - 

Online photo sharing sites - 

Web 2.0 technologies

Wikis -  pbwiki

Blogs - 

Document sharing sites - 

background

Role 1

Role 2

Role 3

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).

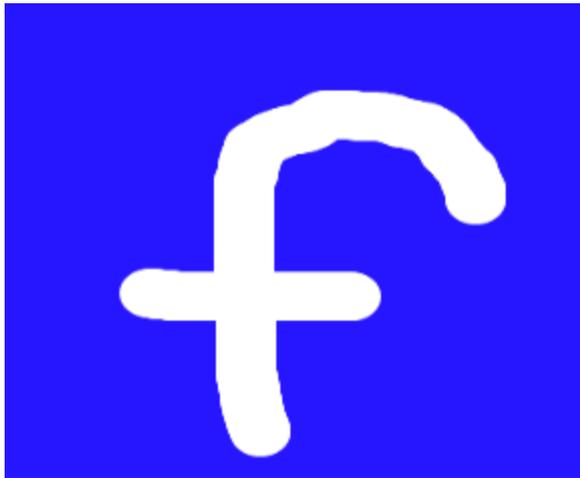
- helps a student to generate a public document.

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:

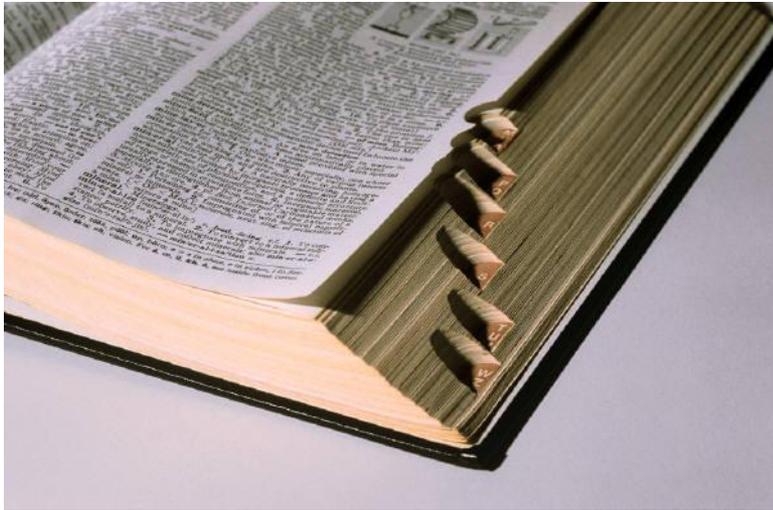
- *If you add this application, then you will have your most recent citations appearing in a box on your profile page and on your friends' "Friends' Citations" panel.*
- *Add the application. Then you will be able to see what I am reading about online social networking and click on the link to access the same resources that I am accessing.*

Role 2: Locating and Gathering current awareness information

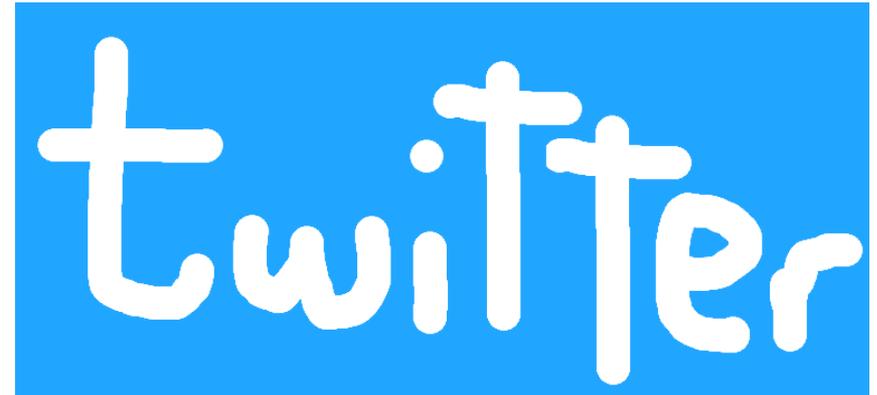
- Teaching students how to use automated tools to mediate the process namely tools such as
 - Twitter
 - *RSS feeds and*
 - *i-Google*
- And make sense of and select the right information there from.

Traditional versus Modern information gathering

Active search



Passive search



Role 1

Role 2

Role 3

Twitter results for food safety

The screenshot shows the Twitter search interface for the query 'food safety'. The search bar at the top contains the text 'food safety'. Below the search bar, there are navigation links for 'Home', 'Profile', 'Messages', and 'Who To Follow'. The main content area is titled 'Results for food safety' and is divided into two columns. The left column, labeled 'Tweets - Top', displays a list of tweets. The right column, labeled 'People results for food safety', shows a list of accounts related to the search. At the bottom of the page, there are three blue triangular shapes pointing upwards, each containing the text 'Role 1', 'Role 2', and 'Role 3' respectively.

twitter Home Profile Messages Who To Follow mscale

← Back to Home Save this search

Results for food safety

Tweets - Top

aspcas ASPCA
#RECALL: Nestlé Purina cat **food** shipped to CO, ID, OR may contain Salmonella <http://go.usa.gov/Zav> #foodsafety #petfood #ASPCA
28 Jun
Retweeted 100+ times

bmarler Bill Marler
Bill Marler's **Food Safety** Today is out! <http://bit.ly/lbWZIE> ▶ Top stories today via @aphnews
55 minutes ago

TravisQuezon Travis Quezon
The Hawaii Independent: Blog: Abercrombie intends to veto **food safety** bill <http://bit.ly/lbNG8z2>
1 hour ago

FOODdayPDX Oregonian FOODday
Northwest Cook July Fourth **food safety** ads; holiday wine tasting; raw oysters a tough sell <http://bit.ly/lbZum1>
1 hour ago

LakerGMC Gary Collard
It's why they exist RT @reasonmag: **Food-Safety** Agencies Team Up., Find Unbelievably Stupid New Way to Waste Money <http://bit.ly/lC4sDF>
1 hour ago

FreshCategory Heather Tiffany
The FC **Food Safety** Daily is out! <http://bit.ly/e2hrr> ▶ Top stories today via @foodsafetynews @globalgap @foodsafety @wewantquality
1 hour ago

mikeybolts Michael Balalis
I have to take a "**Food Safety** Course" online for my work that is about as exciting as watching a giraffe breathe.
1 hour ago

LaRestAssoc LaRestAssoc
Take 2 minutes to watch the new nationwide **food safety** campaign. They cleverly address cooking, chilling, cleaning... <http://fb.me/lJFxsH57M>
1 hour ago

People results for food safety · view all

USDAFoodSafety USDA Food Safety · Follow
Food Safety and Inspection Service educates consum...

FoodSafety Food Safety Info Ctr · Follow
As part of the USDA National Agricultural Library, FS...

foodsafeguru US Food Safety · Follow
Premier one-stop consumer food safety source with f...

umnfoodsafety UMN Food Safety · Follow
University of Minnesota Extension research-based fo...

Trends - Worldwide · change

Transformers **Promoted**

#alwayswantedtobe a

#whatmakesablackgirlmad

#gavier

Melissa & Joey

Mrs Right

Roger Gaúcho

Ignacio Valenzuela

Norminha

Saci Pererê

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

Role 1

Role 2

Role 3

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

The image shows a screenshot of a personalized i-Google homepage. At the top, there is a search bar with the Google logo, a search button, and a "Google Search" button. Below the search bar, there are navigation links for "Web", "Images", "Videos", "Maps", "News", "Shopping", "Gmail", and "more". The user's name, "Mark-Shane Scale", is visible in the top right corner.

The main content area is divided into several sections:

- Home:** A sidebar on the left containing navigation links such as "Date & Time", "Top Stories", "Gmail (5294)", "Dictionary.com Word...", "Caribbean Library &...", "Caribbean Library a...", "Google Reader (39)", "Mark-Shane Scale's...", "RSS Reader", "The soul of Mark-Sh...", "Leadership ideas for...", "OTHER stuff", "http://news.google.c...", "Current Moon Phase", "CustomRSS", "Slim RSS Reader", "CustomRSS", "Miss RSS", "CustomRSS", "LIS research", "Google Calendar", "Google Translate", "Google Map Search", "Google Super Search", "Search Scholarly Art...", "libraries", "CustomRSS", "London, Ont...", "Updates", "Friends", "Chat", "Search contacts...", "Mark-Shane Scal...", "Set status here", and "Stacy Quintero".
- Leadership ideas for libraries:** A widget displaying a quote: "It's a library, not a prison!" and a link to "Review in Information Today".
- Mark-Shane Scale's Facebook Links:** A widget with a search bar and a "Search" button.
- Mark-Shane Scale's Facebook notes:** A widget displaying a list of notes, including "Caribbean Libraries/Galleries need to collect digital art" and "Writing a Statement of Intent that will get you accepted in a PhD programme".
- Caribbean Library and Information News (CARIB LIN):** A widget displaying a list of news items, including "National Library of Jamaica Gone Digital" and "NCB Foundation donates to Mountain View Primary School library".
- Dictionary.com Word of the Day:** A widget displaying the word "jamboree" and its definition.
- RSS Reader:** A widget displaying a list of RSS feeds, including "Online Databases: Getting the User's Attention" and "Swan Song & Issues Unresolved".
- Gmail (5294):** A widget displaying a list of emails, including "Claudette F. - Agenda for Summer Institute 2011" and "noreply - Delicious Data Migration Opt-in Complete".
- The soul of Mark-Shane Scale:** A widget displaying a list of links, including "Another Passover message" and "The meaning of Passover".
- Caribbean Library & Information News (CARIB LIN):** A widget displaying a search bar and a "Search" button.
- Date & Time:** A widget displaying a calendar for Wednesday, April 27, 2011.
- Google Reader (39):** A widget displaying a list of RSS feeds, including "QuickWire: Law School Admission Council to Make" and "Washington State Starts New Online University".
- Top Stories:** A widget displaying a list of top stories, including "Obama birth certificate: Hawaii governor says release puts conspiracy to rest" and "Bernanke says federal deficit is 'simply not sustainable'".

Role 1

Role 2

Role 3

Role 3: Teaching students how to summarise and make notes through social bookmarking, tagging and micro-blogging



Role 1

Role 2

Role 3



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



Role 1

Role 2

Role 3

When keeping a written journal, one has to flip through all the pages to locate what one has written.



Role 1

Role 2

Role 3

The modern note making process

- Blogging with a search button



Role 1

Role 2

Role 3

The modern note taking process

The screenshot shows the Delicious website interface. At the top, there's a navigation bar with 'Home', 'Bookmarks', 'People', and 'Tags'. The user is logged in as 'mscale'. The main content area displays 'Mark-Shane Scale's Bookmarks' with a list of bookmark entries. One entry is highlighted: '04 JUL 11 Publish or Perish - Anne-Wil Harzing'. An 'Edit Bookmark' dialog box is open over this entry, showing fields for Title, URL, Tags, and Notes. The dialog also has a 'Make private' checkbox and 'Save' and 'Cancel' buttons. On the right side, there's a sidebar with a search bar and a list of tags and tag bundles. The bottom of the page features three large, overlapping triangles labeled 'Role 1', 'Role 2', and 'Role 3'.

delicious Home Bookmarks People Tags

Hi, **mscale** | [Inbox](#) | [Settings](#) | [Help](#) | [Sign Out](#)

Search Delicious Search

Save a new bookmark
Edit public profile
Bulk edit
Browse these bookmarks

mscale Type a tag Bookmarks 491 Display options 432

04 JUL 11 Publish or Perish - Anne-Wil Harzing
Publish or Perish is a software program that retrieves and presents the following statistics:
Total number of papers
Total number of citations
Average number of citations per paper
Average number of citations per author
Average number of papers per author
Average number of citations per year
Hirsch's h-index and related parameters
Egghe's g-index
The contemporary h-index
The age-weighted citation rate
Two variations of individual h-indices
An analysis of the number of authors per paper.
The results are available on-screen and can also be copied for future reference or further analysis). Publish or Perish includes a variety of output formats (for citation metrics).
EDIT | SHARE | DELETE

04 JUL 11 Publish or Perish - Anne-Wil Harzing then analyzes these and

Edit Bookmark

Title Publish or Perish - Anne-Wil Harzing

URL <http://www.harzing.com/pop.htm>

Tags software x research x reference x analysis x citation x statistical x statistics x

Notes Publish or Perish is a software program that retrieves and analyzes academic citations. It uses Google Scholar to obtain the raw citations, then analyzes these and presents the following statistics:
77

Make private

Save Cancel

Tags People Options

Top 10 Tags

Tag Bundles 7

Online Search Ser... 5

Online Search, Bo... 18

Religious and Spi... 74

Search Engine Watch 2

cloud computing 2

small businesses 6

web computing 2

Unbundled Tags 739

All Tags 841

2.0 1

2006 1

2008 5

3D 1

a 1

about 12

abstracts 1

academia 2

academia.edu 1

academic 12

access 5

accountability 1

survey online web research software market provider cloud computing analysis data collection

943

Role 1

Role 2

Role 3

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:

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- International Federation of Library Associations and Institutions (IFLA). (1994). *IFLA/UNESCO Public Library Manifesto*. Retrieved 4 July 2011, 3 November 2004. from <http://archive.ifla.org/VII/s8/unesco/eng.htm>