

2016

Teaching Information Literacy & Research with Everyday Technology

Derek Malone

University of North Alabama, dmalone3@una.edu

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This is a library instruction session:

So, please turn off all cell phones, and if I catch you using cell phones, tablets, social media, wearables, etc. and not giving me your undivided attention while I talk about how robust academic databases are, I'm going to make you place your device in the front of the room, and possibly stand in the corner. (not true :))



**Teaching
Information Literacy
& Research with
Everyday
Technology**

Today = ideas, and hopefully you can apply to your discipline, and the focus is info lit and research



If you want to add research, but struggle with student ability



**TOTALLY
UNPREPARED**

The traditional library & research instruction...

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Red arrows point to: Faculty & Staff, Hours, Library Map, Plagiarism & Copyright, Study Room Reservations, Discovery, Library Catalog, and the search bar.







Infusing everyday technology - focus on mobile phone usage for info lit and research introduction



Our library instruction sessions at UNA..

- Two primary types of instruction at UNA
 - Research/project specific instruction



Research



Research Defined

- careful or diligent search
- constant/everyday process



**Our goal is to make this connection, and we're doing so
with their everyday technology**

**Personal
life**

=

**Academi
c life**

Information Literacy Defined

a set of abilities that allows you to “recognize when information is needed and have the ability to locate, evaluate, and use effectively the needed information.”



Info lit broken down

Determine a **NEED** for information

ACCESS that information


EVALUATE that information

USE that information

Same goal, relate these to everyday (personal life)



CRAAP Test

EVALUATING MY SOURCES WITH CRAAP 

C Currency The timeliness of the information
✓ When was the information published or posted? ✓ Has the information been revised or updated? ✓ Is the information current or out-of-date for your topic? ✓ Are the links functional?

R Relevance The importance of the information for your needs
✓ Does the information relate to your topic or answer your question? ✓ Who is the intended audience? ✓ Is the information at an appropriate level? ✓ Have you looked at a variety of sources before choosing this one? ✓ Would you be comfortable using this source for a research paper?

A Authority The the source of the information
✓ Who is the author/publisher/source/sponsor? ✓ Are the author's credentials or organizational affiliations given? ✓ What are the author's credentials or organizational affiliations given? ✓ What are the author's qualifications to write on the topic? ✓ Is there contact information, such as a publisher or e-mail address? ✓ Does the URL reveal anything about the author or source?

A Accuracy The reliability, truthfulness, and correctness of the content
✓ Where does the information come from? ✓ Is the information supported by evidence? ✓ Has the information been reviewed or refereed? ✓ Can you verify any of the information in another source? ✓ Does the language or tone seem biased and free of emotion?

P Purpose The reason the information exists
✓ What is the purpose of the information? ✓ Do the authors/sponsors make their intentions or purpose clear? ✓ Is the information fact? opinion? propaganda? ✓ Does the point of view appear objective and impartial? ✓ Are there political, ideological, cultural, religious, institutional, or personal biases?

1st up, because Online information literacy is.....not good - Facebook

MEDIA How Facebook Is Changing the Way Its Users Consume Journalism

MEDIA

How Facebook Is Changing the Way Its Users Consume Journalism

By RAVI SOMAIYA OCT 26, 2014

MENLO PARK, Calif. — Many of the people who read this article will do so because Greg Marra, 26, a [Facebook](#) engineer, calculated that it was the kind of thing they might enjoy.

Mr. Marra's team designs the code that drives Facebook's [News Feed](#) — the stream of updates, photographs, videos and stories that users see. He is also fast becoming one of the most influential people in the news business.

Facebook now has a fifth of the world — about 1.3 billion people — logging on at least monthly. It drives up to 20 percent of traffic to news sites, according to figures from the analytics company [SimpleReach](#). On mobile devices, the fastest-growing source of readers, the percentage is even higher, SimpleReach says, and continues to increase.

The social media company is increasingly becoming to the news business what Amazon is to book publishing — a behemoth that provides access to hundreds of millions of consumers and wields enormous power. About 30 percent of adults in the United States get their news on Facebook, according to a [study](#) from the Pew Research Center. The fortunes of a news site, in short, can rise or fall depending on how it performs in Facebook's News Feed.

Though other services, like Twitter and Google News, can also exert a large influence, Facebook is at the forefront of a fundamental change in how

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Build on **BLACKROCK**

Sam Manchester/The New York Times

Email Share Tweet

If it's on Facebook, it's true

Death Row Inmate Asks For A Child As His Last Meal, Texas DOC Plan To Grant Request

Tweet 100 | 8+1 24 | Like Share 1700

Details Email



ABILENE, TX—Stephen K. Walker, French M. Robertson Unit inmate in Abilene, Texas, is on death row for murder and carnitoline of the 2004 case that sentenced him to death.

When asked what he would want for that meal to be, he said with no hesitation, "A little boy."

The Department of Corrections are supposed to accept all the demands of any kind. So it was initially thought that they were buying a corpse in a morgue to satisfy the desires of Stephen Walker.

But ladies turned when it was said that they were trying to find a toddler from a third world country and buy her/his alive within a [budget](#) of \$25,000.

State representative Michael Roth talked to the media briefly with words that he thought would clear the situation some:

"We live in a county where we have laws in place and moths, and we will look to [grant](#) Mr. Walker his request under certain circumstances that we have yet to agree to." He stated.

and....memes



KC girl finds metal pin in Halloween candy

BY Lisa Rotundo
POSTED: 11:41 PM, Nov 10, 2014
UPDATED: 1:02 AM, Nov 10, 2014



KANSAS CITY, Mo. — The thought of tainted Halloween candy is an urban legend for some, but the story is not true for a Metro mom after her daughter found a sharp metal pin in her Halloween candy.

Facebook & the news, cont'd

Better safe than sorry is right. Channel 13 News was just talking about this change in Facebook's privacy policy. Better safe than sorry. As of September 26th , 2015 at 01:16 a.m. Eastern standard time, I do not give Facebook or any entities associated with Facebook permission to use my pictures, information, or posts, both past and future. By this statement, I give notice to Facebook it is strictly forbidden to disclose, copy, distribute, or take any other action against me based on this profile and/or its contents. The content of this profile is private and confidential information. The violation of privacy can be punished by law (UCC 1-308- 11 308-103 and the Rome Statute). NOTE:... [Continue Reading](#)

1 Like

Like Comment Share

News Feed Requests Messenger Notifications More

Applying teaching info lit & research: Find something wrong

Challenge novice investigators to find something wrong on social media, and push them to call the bearer of bad news out



2 Stories



Another everyday technology for info lit - YouTube, where seeing is believing



Youtube, cont'd

Over 4 billion views a day and used a lot by 18-22 year olds

So, we show them bad stuff



Applying teaching info lit & research: Evaluate videos

Evaluate based on experience and information (commentary, political ads, etc.)

Evaluate video techniques

Evaluate reality (360 videos)



Anonymous social media - an info lit treasure



YikYak - where do you **ACCESS** information



Periscope w/purpose

Access/Evaluate



HELLO

I AM...

AN EXPERT

The technology you use is your network, you must be information literate in your network first

Word of Mouth

For word of mouth to happen, people must talk and people must listen.



REASONS PEOPLE TALK

- They fully understand something.
- It enhances something about themselves.
- They are compelled to talk about something.

REASONS PEOPLE LISTEN

- They trust the person talking.
- They understand the backstory.
- It's interesting which gets them interested.

Word of Mouth...

Natural conversation between real people!

• Inspired by John Moore from BrandAutopsy.com • Prepared by IDEA SANDBOX • idea-sandbox.com •

How much do you trust this network?

Applying info lit: evaluate, evaluate, evaluate

EVALUATING MY SOURCES WITH CRAAP

C

Currency The timeliness of the information

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FACT CHECK

Google Manipulates Searches for Hillary Clinton?

A viral video accused the search engine of manipulating results in favor of Hillary Clinton. [Read More](#)

By Dan Evon

42 minutes ago

2



NEWS

Gawker Files for Bankruptcy

Gawker Media has filed for bankruptcy after a judge in Florida issued a \$140 million final judgment in ongoing litigation with Hulk Hogan. [Read More](#)

By Kim LaCapria

47 minutes ago

40



FACT CHECK

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Viral image stretches the truth about college tuition costs



Claims Bernie Sanders won Calif. bogus – Pants on Fire!



The facts about gay men and blood donation in Orlando



Conveying the importance of information literacy to college students/novice academic researchers



Welcome to the Flat Earth Society.

Our new website includes [the Flat Earth Society forums](#) (a thriving online community since 2000) as well as a number of new features including:

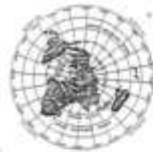
The Flat Earth Society Library - This online library contains a growing selection of Flat Earth resources. We have interviews, newspaper and magazine articles as well as the largest collection of Flat Earth Society newsletters in the world (online or otherwise). The Flat Earth Society Library also includes hard-to-find writings from members of the 19th and early-20th Century Flat Earth movement and Universal Zetetic Society.

The Flat Earth Wiki - This extensive Wiki is based on a FAQ originally compiled by forum user zheezupR. It aims to answer any questions visitors might have about Flat Earth Theory or the Society. Because there are different schools of Flat Earth thought, the Wiki should not necessarily be taken as the "official" view of the Society. The specific beliefs of our members are widely varied, as should be expected from such a group of free-thinkers!

About the Society - A short history of the Flat Earth Society from its roots in the 1800s through its incarnation under Charles K. Johnson and finally to the modern Flat Earth Society of today.

Official Membership - After much planning, we are now ready to officially accept new members to the Society. Becoming an associate member of the Society is free and is as simple as sending a postcard. For those who wish to take on a more committed role in the Society, full membership (including a signed certificate, membership card and hand-outlined Flat Earth Society medallion) is available for a small donation.

The Flat Earth Shop - A small selection of Flat Earth Society merchandise is available. At the moment, it's t-shirts and sweatshirts.



WDS TWITTER WIDGET

A screenshot of a Twitter widget titled 'WDS TWITTER WIDGET'. It shows tweets from the account 'Flat Earth Today' (@FlatEarthToday). The tweets include links to articles and forum posts. The first tweet is: 'FlatEarthToday Spooked how? So NASA has pentons and a cafeteria, big deal. How many of them would actually have to be lying? https://t.co/AVWm0C0y'. The second tweet is: 'FlatEarthToday Looks pretty flat to me. https://t.co/BYFm25uT'. The third tweet is: 'FlatEarthToday Please read: Zetetic Autonomy! Earth Flat a Globe' by Samuel Biley Rowbottom https://t.co/AMQ88uAeE https://t.co/WF8gWgKl'. The fourth tweet is: 'FlatEarthToday There's clearly one book you haven't read: 'Earth Not a Globe', by Samuel Biley Rowbottom https://t.co/7ThYK83e https://t.co/VE3H0STZ0e'.

Encourage skepticism



Use it everyday technology, use it for everything

Identify what you need - determine the need for information

Search for exactly what you want in the right place - access the information

Verify before using - Evaluate information

Moving forward

strawman
Misrepresenting someone's argument to make it easier to attack.
Example: "I'm not saying I'm a genius, I'm just saying I'm smart." "You're saying you're a genius, which is ridiculous!"

false cause
Assuming that a real or perceived relationship between things means that one is the cause of the other.
Example: "I wore my lucky socks and I passed the exam. I must have worn them to pass!"

appeal to emotion
Manipulating an emotional response in place of a valid or compelling argument.
Example: "Don't let this innocent child die! Buy our product now!"

the fallacy fallacy
Assuming a claim is false because it's wrong because it follows the fallacy.
Example: "You're using a fallacy, so your argument is wrong." "No, it's not. It's just a fallacy." "You're using a fallacy, so your argument is wrong." "No, it's not. It's just a fallacy."

slippery slope
Assuming that if we allow A to happen, then Z will consequently happen too, therefore A should not happen.
Example: "If we allow gay marriage, then we'll have to allow polygamy, then we'll have to allow incest, then we'll have to allow pedophilia." "That's not how it works." "It will! It will! It will!"

ad hominem
Attacking your opponent's character or personal traits as a strategy to undermine their argument.
Example: "You're a liar, so your argument is wrong." "I'm not a liar, and my argument is still valid." "You're a liar, so your argument is wrong." "I'm not a liar, and my argument is still valid."

tu quoque
Avoiding having to engage with criticism by turning it back on the accuser - "pointing criticism with criticism."
Example: "You're criticizing my work." "You're criticizing my work, so your work is wrong." "You're criticizing my work, so your work is wrong." "You're criticizing my work, so your work is wrong."

personal incredulity
Saying that because one finds something difficult to understand, it's therefore not true.
Example: "I don't understand quantum physics, so it must be wrong." "Quantum physics is a well-established scientific theory." "I don't understand quantum physics, so it must be wrong." "Quantum physics is a well-established scientific theory."

special pleading
Making the standards or making up exceptions when a claim is difficult to be true.
Example: "I'm late because of traffic." "You're late because of traffic, so you're late." "I'm late because of traffic, so you're late." "You're late because of traffic, so you're late."

loaded question
Asking a question that has an assumption built into it so that it can't be answered without accepting the guilty.
Example: "Have you stopped beating your wife?" "Yes, I have." "No, I haven't." "You're a violent man." "I'm not a violent man, and I haven't beaten my wife." "Have you stopped beating your wife?" "Yes, I have." "No, I haven't." "You're a violent man."

the gambler's fallacy
Believing that "hot" or "cold" runs in randomly independent phenomena such as roulette wheel spins.
Example: "I've lost five times in a row, so I'm due for a win." "Each spin is independent." "I've lost five times in a row, so I'm due for a win." "Each spin is independent."

bandwagon
Appealing to popularity or the fact that many people do something as an attempted form of validation.
Example: "Everyone is buying this product, so it must be good." "Popularity doesn't equal quality." "Everyone is buying this product, so it must be good." "Popularity doesn't equal quality."

appeal to authority
Saying that because an authority thinks something is true therefore it is true.
Example: "My doctor says I should eat more fruit, so I should eat more fruit." "Your doctor is not a nutritionist." "My doctor says I should eat more fruit, so I should eat more fruit." "Your doctor is not a nutritionist."

composition/division
Assuming that what's true about one part of something has to be applied to all, or other parts of it.
Example: "The car is made of metal, so it's heavy." "The car is made of metal, so it's light." "The car is made of metal, so it's heavy." "The car is made of metal, so it's light."

no true scotsman
Making what could be called an appeal to purity as a way to dismiss relevant criticisms or lines of an argument.
Example: "No true Scotsman would ever eat haggis." "I eat haggis." "No true Scotsman would ever eat haggis." "I eat haggis."

genetic
Judging something good or bad on the basis of where it comes from, or from whom it came.
Example: "This is a bad idea because it came from the government." "The government is not the source of all bad ideas." "This is a bad idea because it came from the government." "The government is not the source of all bad ideas."

black-or-white
When two alternative claims are presented as the only positions, when in fact more possibilities exist.
Example: "You're either with us or against us." "There are many other options." "You're either with us or against us." "There are many other options."

begging the question
A circular argument in which the conclusion is included in the premise.
Example: "I'm a genius because I'm smart." "I'm smart because I'm a genius." "I'm a genius because I'm smart." "I'm smart because I'm a genius."

appeal to nature
Making the argument that because something is "natural" it is therefore good, useful, desirable, good, or ideal.
Example: "It's natural, so it's good." "It's not natural, so it's bad." "It's natural, so it's good." "It's not natural, so it's bad."

anecdotal
Using personal experience or an isolated anecdote instead of a valid argument, especially to dismiss statistics.
Example: "I know someone who got rich from this investment." "Statistics show it's a bad investment." "I know someone who got rich from this investment." "Statistics show it's a bad investment."

the texas sharpshooter
Cherry-picking data clusters to suit an argument, or finding a pattern to fit a pre-conception.
Example: "I shot a target and hit the bullseye, so I'm a sharpshooter." "I shot a target and missed the bullseye, so I'm not a sharpshooter." "I shot a target and hit the bullseye, so I'm a sharpshooter." "I shot a target and missed the bullseye, so I'm not a sharpshooter."

middle ground
Saying that a compromise, or middle point, between two extremes must be the truth.
Example: "It's either hot or cold, so it must be warm." "It's neither hot nor cold." "It's either hot or cold, so it must be warm." "It's neither hot nor cold."

thou shalt not commit logical fallacies

A logical fallacy is a flaw in reasoning. Strong arguments are void of logical fallacies, whilst arguments that are weak tend to use logical fallacies to appear stronger than they are. They're the tricks or blunders of thought, and they're often very weakly used by politicians, the media, and others to fool people. Our goal is to help you identify and call out our dodgy logic whenever it may rise to your attention. If you see someone committing a logical fallacy online, let them know the relevant fallacy to school them in. In business, e.g. www.growthmindset.co.uk

**“You are unaware of how
unaware you are.”**



Questions?