Teaching Students to Challenge Fake News

Paul B. Barron

Follow this and additional works at: https://digitalcommons.longwood.edu/sli
Teaching Students to Identify, Challenge, and Combat

Paul Barron, MSLIS
pbbarron@gmail.com
The Post–Truth Information World

post–truth – adjective

Relating to or denoting circumstances in which objective facts are less influential in shaping public opinion than appeals to emotion and personal belief.

https://goo.gl/a4ZbU8
For some, the interconnected digital...

Post-Truth World
Fake News = Confusion/Fear

64% of U.S. adults say fabricated news stories cause confusion about the basic facts of current issues and events.

News negatively affects children’s moods.

63% say the news makes them feel afraid, angry, and/or sad or depressed.

Tweens are more likely to say that the news makes them feel afraid.

- Tweens: 45%
- Teens: 31%

News and America’s Kids
https://goo.gl/6EXsnS
Not Just a U.S. Concern

International Fact-Checking Network

https://www.poynter.org/channels/fact-checking

Sign up for the weekly newsletter
The Week In Fact-Checking

Participants of the Global Fact-Checking Summit in Madrid, July 2017
A Worldwide Concern

**ARTICLE**

*There are now 114 fact-checking initiatives in 47 countries*

BY ALEXIOS MANTZARLIS · FEBRUARY 28, 2017

Fake News 2018
Fake News as a Weapon

71-75% in the U.S.
“Fake news is …

... like poison that is injected in small doses. It undermines the very fundamentals of a democratic society.”

“So how do we stop it?”

“The most durable solution is to educate people how to understand what is fake.”

Curaçao’s former Minister of Economic Affairs Alex David Rosaria; Writing for the Curaçao Chronicle

Presentation Objectives

- Define a fact and “fake news”
- Compare and contrast with:
  - Propaganda
- Introduce fact checking websites recommended by ISTE and other sources
  - FactCheck.org
  - Snopes.com
Presentation Objectives

- Define “digital natives”
- Review research on:
  - social media use by “digital natives”
  - students’ literacy in evaluating information, like fake news, accessed through social media
Presentation Objectives

- Websites with downloadable posters and checklists
- Fact-checking lesson plan sources. KQED Teach
Presentation Objective – Google

- Evaluation of Google results’ to prove Google does not return best result
- Demonstrate “reverse image search” to verify image source
- Provide fact-finding/fake news “cut and paste” Google queries
Presentation Objective

- Introduce “Lateral Reading”
  Document scanning method used by fact checkers, which includes librarians.
- Roles of the educator: the classroom teacher and the librarian in educating student to resist fake news.
What is a “digital native?”

- “The first generations to grow up with technology.
- They spend their entire lives using computers, ... [smart] phones, and the other toys and tools of the digital age.”

Digital Natives, Digital Immigrants; Marc Prensky; 2001

https://goo.gl/YxJpDi
Fact Defined

- **Fact** – “Something that actually exists, reality, truth.”
  
  [http://www.dictionary.com/browse/fact](http://www.dictionary.com/browse/fact)

- **Scientific Fact** – “Any observation that has been repeatedly confirmed and accepted as true.”
  
  [http://www.dictionary.com/browse/scientific-fact](http://www.dictionary.com/browse/scientific-fact)
Why are facts important?

“Without a common starting point—a set of facts that people with different viewpoints can agree on—it will be hard to address any of the problems that the world now faces.”

 Lies, Propaganda, and Fake News: The Challenge of Our Age
goo.gl/QgAhcy
Fake News Defined

“Fake news is made-up stuff, … masterfully manipulated to look like credible journalistic reports, … that are easily spread online to large audiences willing to believe the fictions and spread the word.”

https://goo.gl/mh6gJb
Propaganda Defined

“Propaganda is any form of communications in support of objectives designed to influence the opinions, emotions, attitudes or behavior of any group in order to benefit the sponsor, either directly or indirectly.”

Joint Publication 1-02, DoD Dictionary of Military and Associated Terms
Example of Fake News

**Bananas and Flesh-Eating Disease**

- “Bananas from Costa Rica are infected with necrotizing fasciitis, a flesh eating bacteria. This disease decimated the monkey population and grafted itself to the banana skin.”
- “The FDA has been reluctant to issue a country-wide warning because of fear of a nationwide panic.”
- Source – Manheim Research Institute

Source: https://goo.gl/Z3aTdF
To Combat the Fake News

CDC Newsroom
Press Release

For Immediate Release: January 28, 2000
Contact: CDC Media Relations (404) 639-3286

False Internet report about necrotizing fasciitis associated with bananas

The bacteria which most commonly cause necrotizing fasciitis frequently live in the human body. The usual route of transmission for these bacteria is from person to person. Sometimes, they can be transmitted in foods, but this would be an unlikely cause for necrotizing fasciitis. FDA and CDC agree that the bacteria cannot survive long on the surface of a banana.

For information about necrotizing fasciitis, check CDC's website at http://www.cdc.gov/ncidod/dbmd/diseaseinfo/#G. Look under "Group A Streptococcus" which is the most common cause of necrotizing fasciitis. Or, call (404) 371-5375.

###
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Fact Checking: Manheim Research Institute

"Manheim Research Institute" AND "flesh-eating bacteria" AND site:de

No results found for "Manheim Research Institute" AND "flesh-eating bacteria" AND site:de.
56 information evaluation tasks to 7800 middle school, high school, and college students across 12 states
“Digital natives” may be able to flit between Facebook and Twitter while simultaneously uploading a selfie to Instagram and texting a friend.”

“But when it comes to evaluating information that flows through social media channels, they are easily duped.”
Furthermore the study concluded ...

“At each level—middle school, high school, and college—[there is a] stunning and dismaying consistency.”

“Young people’s ability to reason about the information on the Internet can be summed up in one word: **bleak**.”
Bleak Defined

- Not hopeful or encouraging; unlikely to have a favourable outcome; for example, *a bleak future.*

- Bleak: A carefully chosen word.

- We have a problem!
"At the undergraduate level, what is anecdotally apparent to most faculty and librarians:

- Students lack skills needed to use digital resources for research.
- As “digital natives” they are adept at finding information for personal purposes; but ...
- ... those skills often aren’t sufficient to accomplish their academic work effectively.

Report of the Commission on the Future of the UC Berkeley Library
http://goo.gl/iKER2f
“Students tended to overuse Google and misuse scholarly databases. Indeed, they’re not even very good at using Google for these purposes.”

“Google’s own research scientists lamented that students are unable to take advantage of the resources that are readily available to those who know how to find them.”

Fake News 2018

Ibid
Teens Reject Journalistic Objectivity

The study:

“Reveals new attitudes about what it means to be informed and a youth preference for opinionated rather than objective news.”

Journal of Communication Inquiry
https://goo.gl/ZyDdWy
Technology and Truth

“The software algorithms that decide our news feeds are programmed to prioritize user attention over truth to optimize for engagement, which means optimizing for outrage, anger and awe.”

Did technology kill the truth?
https://www.brookings.edu/research/did-technology-kill-the-truth/
News and Kids Study

NEWS AND AMERICA'S KIDS: How Young People Perceive and Are Impacted by the News

Survey in January 2017 of 853 children age 10–18 drawn from a nationally representative panel, as well as African-American and Hispanic/Latino children.

https://goo.gl/EIxdhj
Who uses social media by age?

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Facebook</th>
<th>Instagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-29</td>
<td>88%</td>
<td>59%</td>
</tr>
</tbody>
</table>

Pew Research Center Social Media Fact Sheet
http://www.pewinternet.org/fact-sheet/social-media/
Kids & News Sources = Online Social Media

NEWS AND AMERICA’S KIDS
HOW YOUNG PEOPLE PERCEIVE AND ARE IMPACTED BY THE NEWS

Kids prefer social media.

Children’s preferred news sources:
- Online media
- Family, teachers, and/or friends
- Traditional media

The most preferred social media sites for news (among children who get news from social media):

<table>
<thead>
<tr>
<th></th>
<th>Tweens</th>
<th>Teens</th>
</tr>
</thead>
<tbody>
<tr>
<td>YouTube</td>
<td>41%</td>
<td>47%</td>
</tr>
<tr>
<td>Facebook</td>
<td>37%</td>
<td>14%</td>
</tr>
<tr>
<td>Instagram</td>
<td>9%</td>
<td>13%</td>
</tr>
<tr>
<td>Twitter</td>
<td>13%</td>
<td></td>
</tr>
<tr>
<td>Others</td>
<td>9%</td>
<td></td>
</tr>
</tbody>
</table>

Fake News 2018

https://goo.gl/6EXsnS
Divisive Content

“YouTube’s autocomplete function recommends controversial or fake points of view like conspiracy theories or hyper-partisan points of view, over more measured videos.”

https://www.cnbc.com/2018/03/12/youtube-vs-google-autocorrect.html
31% of kids who shared a news story online in the last six months say they shared a story that they later found out was wrong or inaccurate.

Methodology: This report examines how children receive and perceive the news and is based on a survey of 853 children age 10 to 18 living in the United States that was administered by SSRS from January 10 to January 22, 2017.

www.commonsense.org/research
“Looking at the role that social media... 

... have played in politics, it is the fake news squalor, not the activist idealism, which seems to have set the tone.”

Once considered a boon to democracy, social media have started to look like its nemesis.

https://goo.gl/_P59FBL
False News > the Truth

- “Falsehood diffused significantly farther, faster, and more broadly than the truth in all categories of information. The effects were more pronounced for false political news.”

- “The top 1% of false news cascades diffused to between 1000 and 100,000 people, whereas the truth rarely diffused to more than 1000 people.”

The spread of true and false news online
http://science.sciencemag.org/content/359/6380/1146.full
Truth and Social Media

“Truth is no longer dictated by [trusted] authorities [of information], but is networked by peers.”

BBC
Lies, Propaganda, and Fake News: The Challenge of Our Age
goo.gl/QgAhcy
Beliefs = Truth

“Nearly two-thirds of people get their news through technology platforms.”

“These often-self-referential echo chambers have created an environment where there is no bedrock. Beliefs have come to equal truth.”

So ...

Who Comes Between Fake News and Students?
Teacher Resources

- ISTE
- KQED Teach
- common sense education
- npr
- PBS
- Infographics

Fake News 2018
Most Students Don’t Know When News Is Fake, Stanford Study Finds

https://goo.gl/DSiLmi
“The Stanford study provides sufficient detail to use their study stimuli as teaching tools.”

Psychology Teacher Network
Critical thinking and information fluency: Fake news in the classroom
ISTE–Recommended Fact–Checking Sites

Article — “Top 10 sites to help students check their facts”

Sites’ focus — Politics and media bias

https://goo.gl/z3efLQ
Reputable Fact-Checking Sources

www.snopes.com

- Mission — “... an online touchstone of rumor research.”
- “It is often the first to set the facts straight on wild fake news claims.”
- Suitable for high school and above
Reputable Fact-Checking Sources

www.factcheck.org

Mission — “... reduce the level of deception and confusion in U.S. politics.”

” ... monitors the factual accuracy of what is said by U.S. political players.”
Identifying Fake News Sites

“BuzzFeed found more than 100 U.S. politics websites run out of the Former Yugoslav Republic of Macedonia” [https://goo.gl/keD8Lh](https://goo.gl/keD8Lh)

<table>
<thead>
<tr>
<th>Site name</th>
<th>Type of site</th>
<th>Registration</th>
</tr>
</thead>
<tbody>
<tr>
<td>16WMP.com</td>
<td>Imposter site</td>
<td>Scottsdale, Ariz. **</td>
</tr>
<tr>
<td>24online.news</td>
<td>Imposter site</td>
<td>Panama, Pa. **</td>
</tr>
<tr>
<td>24wpn.com</td>
<td>Fake news</td>
<td>Veles, Macedonia</td>
</tr>
<tr>
<td>24x365live.com</td>
<td>Fake news</td>
<td>Kobenhavn, Denmark</td>
</tr>
<tr>
<td>247NewsMedia.com</td>
<td>Fake news</td>
<td>Kumanovo, Macedonia</td>
</tr>
<tr>
<td>a-news24.com</td>
<td>Fake news</td>
<td>Dhaka, Bangladesh</td>
</tr>
<tr>
<td>ABCNews.com.co</td>
<td>Imposter site</td>
<td>Phoenix, Ariz.</td>
</tr>
</tbody>
</table>
Reputable Politician Fact-Checking Source

https://votesmart.org/
Did you know, “The Fed is a group of banks running a national counterfeiting operation with the protection of the government?”

http://endthefed.org/
Lesson Plan: Fighting Fake News

By Rachel Roberson

Featured resources
- The Honest Truth About Fake News (KQED’s The Lowdown)
- Evaluating Evidence: The Cornerstone of Civic Online Reasoning (Stanford University History Education Group study)

Opening quick write prompt:
What are potential consequences when fake news is shared or would you be fooled? Why or why not?

A quick write allows students to write down their thoughts before discussing the opening question in order to increase participation and make the discussion more accessible to English Language Learners.

Objective
- Students will analyze the problems and potential consequences associated with the spread of fake news.
- Students will identify and evaluate ways to avoid fake news in social and academic settings.

Essential Question and Lesson Context
What happens when fake news spreads? What actions can I take to verify news stories, photographs and other sources of online information?

Fake news is no longer a matter of the occasional hoax. There is growing evidence that fake news has the power to shape public opinion and even sway elections. As more Americans get their news online, it is increasingly vital that students know how to verify sources and spot fake news or images, which often appear indistinguishable from a reliable source. This lesson asks students to analyze the consequences of fake news and build the skills needed to question and verify what they view online.

Key vocabulary
Pre-teach key vocabulary before students do the activity, especially if you have English Language Learners. After going over the simple definitions, consider providing a visual aid or having students draw one. More ideas for how to pre-teach vocabulary can be found here.
Reviews “lateral reading” employed by fact checkers.

https://goo.gl/9uhxn9
5 Questions Kids Should Ask When Viewing Media

Includes a student worksheet!

https://goo.gl/r5dToU
News & Media Literacy Curriculum Resources
Select a level to access on-topic, classroom-ready learning resources.

GRADES K-2

GRADES 3-5

GRADES 6-8

GRADES 9-12

K12 Teaching Resources

https://goo.gl/ZxMhmq
Useful Query of Fake News 2018

```
intitle:fake news AND site:www.commonsensemedia.org
```
1. Pay attention to the domain and URL (.com.co)
2. Read the "About Us" section.
3. Look at the quotes in a story.
4. Look at who said them.
5. Check the comments.
6. Do a reverse image search.

https://goo.gl/Hp8wcD
Do this search for NPR resources.

fact-checking OR "fake news“ AND site:www.npr.org/sections/ed
Lesson plan: How to teach your students about fake news

Fake news is making news, and it's a problem.

This lesson gives students media literacy skills they need to navigate the media, including how to spot fake news.

Subjects
Social studies, U.S. government, civics, journalism

Estimated Time
One 50-minute class

Grade Level
7-12

Introduction
A recent study by Stanford University found an overwhelming majority of students were not able to tell the difference between so-called fake news and real news. Part of the solution involves providing students with the media literacy skills they need to evaluate sources, including social media. With the help of NewsHour Extra, students will explore the problems with fake news and gain confidence exploring the media that they come across every day.

Essential question
How do you know if a news source is reliable?

Warm up activity
Complete the following PBS NewsHour Extra Daily News Story activity with your students: Did fake news influence the outcome of Election 2016? You may also want to show your class Craig Silverman’s story from Buzzfeed, which is the subject of the NewsHour piece.

https://goo.gl/gmNue6

Fake News 2018
Close to Home: Charlottesville

Introduction

Key Terms [Defined]
- Media literacy
- Confederacy
- alt–right
- neo–Nazi

Discussion questions

Extension activities

https://goo.gl/BRj1qU
Library Guides
Fake News, Misinformation, and Propaganda

help users in navigating potential fake news.

https://guides.library.harvard.edu/fake
High School Teaching Resources

Fake News 2018

https://goo.gl/BiEvAa

Sections

• What's wrong with fake news?
• What can I do to avoid fake news?
• Fact checking links
• Known fake, parodic and misleading news sites
• Fake news in the news
• Lesson Plan Ideas
Lesson Plans, Handouts & Related Videos

HOW TO RECOGNIZE A FAKE NEWS STORY

1. READ PAST THE HEADLINE
2. CHECK WHAT NEWS OUTLET PUBLISHED IT
3. CHECK THE PUBLISH DATE AND TIME
4. WHO IS THE AUTHOR?
5. LOOK AT WHAT LINKS AND SOURCES ARE USED
6. LOOK OUT FOR QUESTIONABLE QUOTES AND PHOTOS
7. BEWARE CONFIRMATION BIAS
8. SEARCH IF OTHER NEWS OUTLETS ARE REPORTING IT
9. THINK BEFORE YOU SHARE

https://goo.gl/nxyKiq
Infographics

- **Google** query to find infographics

```plaintext
intitle:"fake news" AND k12 AND infographics
```
Internat’l Federation of Library Assns.

https://goo.gl/LNZvoB

Why isn’t this the first action?
Logical Fallacies Poster

https://yourlogicalfallacyis.com/poster
Poster Source (and Free!)

Download a pdf version:
- A3 Poster
- 16x24” Poster
- 24x36”

Or get a printed poster directly:

16x24” Wall Posters

Could you please make a small donation to help spread critical thinking?

- $0: Erm, sry, I can’t right now
- $1: Sure, here’s a buck
- $: I’m feeling generous, here’s this much

Download

Fake News 2018
‘E.S.C.A.P.E. Junk News’ Poster

You must provide your address and e-mail to download the poster.

https://newseumed.org/escape-poster/
Lateral Reading & Information Evaluation

https://goo.gl/hdSF83
“Historians and students read ...

... vertically, meaning they would stay within the original website in question to evaluate its reliability.”

“These readers were often taken in by unreliable indicators such as a professional-looking name and logo, an array of scholarly references or a nonprofit URL.”
What the Researchers Learned

“We fact checkers read *laterally*, meaning they would quickly scan a website in question but then *open a series of additional browser tabs*, seeking context and perspective from other sites.”

Ibid
Fact-Checking Browser Tabs

- Two search engines – Google and DuckDuckGo
- portaportal.com for online bookmarks
- or Word for notes and a reminder
- YouTube for videos about the research topic
- URL shortener for information management
Google Reverse Image Search

https://goo.gl/a4xrHs
Reverse Image Search

Drag and drop image from your desktop into Google Image Search
Fact-Checking the Image

Claim: A photograph shows a group of daisies that mutated due to radiation from the Fukushima nuclear power plant.
TRUE: A photograph shows a group of mutated daisies in Japan.
FALSE: The flowers in the photograph are proven to have mutated due to radiation from the power plant.
CAUSE: Mutation is due to fasciation.
In the Chrome Browser

Images for fukushima mutant flowers

Mutant Daisies. Or, How I Learned to Stop Worrying and Love Fasciation

Mutant Flowers From Japan's Fukushima Nuclear Disaster Go Viral

Right click the image and select ...
Google says results are …

“a reflection of what people are searching for and what’s available on the web. This can sometimes lead to results that are unexpected, inaccurate or offensive.”

Let’s test that assertion.

Source: The Wall Street Journal

Fake News 2018
Google returns all sites with the words,

*martin* and *luther* and *king* and *school* and *flyers*
Search Results (3–30–2018)

About 1,670,000 results

**Download flyers to pass out at your school. - Martin Luther King Jr.**

[www.martinlutherking.org/flyer.html](http://www.martinlutherking.org/flyer.html)

Bring the dream to your school! This is the time of year many students are asked to write reports about Martin Luther King and the civil rights movement. Print out these flyers and pass them around your school. There are four flyers per sheet and include our website information. Some of our flyers are available in Adobe ...

Images for martin luther king school flyers
GET THE FACTS!

Martin Luther King Jr. Was A Fraud!

The government enforced Martin Luther King Jr. Holiday celebrates a sexual deviant, communist and plagiarist. Learn what the schools are not allowed to teach for fear of political persecution.

Martin Luther King Jr. had well documented ties to the Communist Party, USA. On several documented occasions he met with Communist Party organizers to plan civil disobedience and unrest in the Southern United States.

Martin Luther King Jr. was also one of the worst plagiarists of the last century. King lifted sentences, phrases and entire paragraphs from texts like Paul Ramsey’s “Basic Christian Ethics.” Large portions of MLK’s doctoral thesis were copied from the theses of another student, and from the works of eminent theologians.

Is this the type of man our children should revere equally with the Founding Fathers? No! It is time White America revives the King Holiday. White students should not be taught to honor a traitor to our country, a sexual deviant and plagiarist fraud.

MLK Jr. also had an uncontrollable lust and propensity for violence. The night before King was shot he had spent the night with three women having sex with two of them and viciously beating the third. Documentation is readily available on the internet with all source material showing Michael King for what he was, a degenerate sexual deviant with no original thought. WHITE PEOPLE get the facts and REPEAL THE KING HOLIDAY!

VISIT: www.martinlutherking.org
FOR ALL THE DISGUSTING FACTS ABOUT THIS DISGRACE TO OUR NATION

COMMUNIST
WOMAN-BEATER
PLAGIARIST
SUBVERSIVE
ADULTERER
SEXUAL DEVIANT
Martin Luther King, Jr.
A True Historical Examination

That night King retired to his room at the Willard Hotel. There FBI bugs reportedly picked up 14 hours of party chatter, the clinking of glasses and the sounds of illicit sex - including King's cries of "I'm running for God" and "Is he not a Negro tonight?"

- Newsweek Magazine
January 11, 1966
Page 85

Rap lyrics: "Hey!

Watch the new Martin Luther King Educational Video

Why the King Holiday Should be Exposed!
Black Liberation Myths
Learn more about Kwanzaa!

Civil Rights Library

Join MLK Discussion Forum
Hosted by Stormfront

Fake News 2018
Martin Luther King.org is hosted by ... … “a community of racial realists and idealists.”
Link Check - Returns .edu webpages that are linked to Martin Luther King.org.
QUESTION

By reviewing the webpage description, can you determine the purpose of the .edu sites’ linking to Martin Luther King.org?
Session Conclusion

- “Today’s students clearly favor brevity, consensus, and currency in the information and answers they seek.”

- “[They] have defined their preferences for information sources in a world where credibility, veracity, and intellectual authority are far less of a given—or even an expectation from students.”
President Obama cautions ...

“If we are not serious about facts and what’s true and what’s not, if we can’t discriminate between serious arguments and propaganda, then we have problems.”

Barack Obama on fake news
https://goo.gl/gd7cbf
Debunking Fake News & the Backfire Effect

“Debunking something can reinforce that false belief.”

“Don’t get frustrated if a debunking fails.”

“Effective debunking requires time for people to come around to actual reality.”

Debunking: A Meta-Analysis of the Psychological Efficacy of Messages Countering Misinformation
Debunking Study Suggests Ways to Counter Misinformation and Correct ‘Fake News’
https://goo.gl/UJYP7h and https://goo.gl/2xfvov
Why is change so difficult?

- “As people become more proficient in critical reasoning, they become more vehement about the alignment of the facts with their group's position.”

Why we believe alternative facts

American Psychological Association

https://goo.gl/nvUNRD
“The Silver Lining is that …

... kids can be taught to be better consumers of information by learning to pay attention to the source, consider possible biases or motives and think about what details a news source might have left out.”

Ibid
Teachers: THE Guides to Truth

“Teachers and educators role is socializing students of all ages toward knowledge and pursuit of truth.”

“Critical thinking and problem-solving, with a heavy emphasis on statistical inference and reasoning, must be woven into the curriculum.”

The Importance of Truth Workers in an Era of Factual Recession
goo.gl/LmVQby
Librarians: THE Guides to Truth

“Librarians are the facilitators and guides to the world of knowledge.”

“They must possess the fundamental competencies for finding, evaluating, and using information in the digital age.”

“This skill set needs to become a cause, an issue front- and-center across civic life.”

Medium

The Importance of Truth Workers in an Era of Factual Recession
goo.gl/LmVQby
Fake News Bookmarks

Welcome VSTE attendees

Articles and Research Studies

- The Importance of Truth Workers in an Era of Factual Recession
  Article from Medium.com: Allison Head (Project Information Literacy): role of educators and librarians.
  https://goo.gl/LmVQby

- Lies, Propaganda, and Fake News: A Challenge or Our Age
  BBC Article: “Fake news threatens the democratic process itself.”
  https://goo.gl/QgAhoy

- Most Students Don’t Know When News Is Fake, Stanford Study Finds
  Wall Street Journal video reviewing Stanford study.
  https://goo.gl/DSLml

- Fake News, Misinformation, and Propaganda
  Harvard University Library Guide
  https://guides.library.harvard.edu/fake

Pew Center

- Who Uses Social Media
  Pew Research Center Social Media Fact Sheet: Age 18-39 - 88% use FB
  http://www.pewinternet.org/fact-sheet/social-media/

- The Future of Truth and Misinformation Online
  Pew Center: In the next 10 years, will methods emerge to block false narratives?
  http://www.pewinternet.org/2017/10/19/the-future-of-truth-and-misinformation-online/

- Many Americans Believe Fake News Is Sowing Confusion
  Pew Center: US adults (64%) say fabricated news causes confusion about the basic facts of current issues.
  https://goo.gl/DYA4F7
Are there any …

Questions?

pbbarron@gmail.com