Accessibility, the final frontier, these are our voyages into best practices...
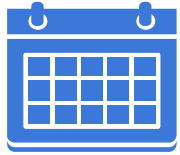
Shawn and Rebeca

Who are we?

Why Accessibility

and why librarians care

1

A quick timeline

1973 — **1990** — **1998** — **2018**

Rehabilitation Act of 1973

Civil liberties for all persons with a disability

Americans with Disabilities Act

Titles II and III

Section 508

Electronic and information technology

Refresh to Section 508

Standards now reflect WCAG 2.0

WCAG?

- = Web Content Accessibility Guidelines (WCAG) ---> Web Accessibility Initiative (WAI) --> World Wide Web Consortium (W3C)
- ISO 2012
- 3 levels (A, AA, AAA)
- On the Horizon: Ag

Digital Accessibility Best Practices

Websites and Documents

and what you can do!

Useful **Browser** Extensions

Accessibility Checker:

      WAVE : [Chrome](#) / [Firefox](#)

      SiteImprove: [Chrome](#) / [Firefox](#)

Broken Link Checker:

      Check My Links ([Chrome](#))

      LinkChecker ([Firefox](#))

Useful **Browser** Extensions

Screen Reader Emulator:

     Fangs ([Firefox](#))

     ChromeVox ([Chrome](#))

Disability Simulator:

     Funkify ([Chrome](#)) / ([Firefox](#))

Working with Text

No <b>, <i>,<u> tags allowed (check HTML/Source)

Don't copy and paste text into guides/LMS. Use the paste as plain text (or similar option) in your WYSIWYG

Paste copied text into a basic text editor then re-copy and paste into a guide if you're unsure.

Working with Images

Consider checking images with a [color blindness sim](#)

Always provide descriptive **alt** info ([great article](#))

Put blank (**alt=""**) attributes in decorative images or images that don't add any content /meaning based on context

George Washington

Because of his role as the Commander in Chief of American forces in the Revolutionary War, and, later, the first President of the United States, George Washington is often called the "Father of his Country".

What would be the appropriate `alt` attribute for the image in Example 2?

A. "George Washington"

B. An empty `alt` attribute (`alt=""`) will suffice.

C. "Image"

D. The image does not need an `alt` attribute.

Working with Links

Use descriptive language in your links (no "more" or "click here" links)

Make sure links are unique. Links **cannot** have the same text but go to different locations

This is not allowed

Databases: A

🔒 ℹ️ ABI/Inform Complete

This database includes about 80% full-text articles from the business press, trade publi... academic journals, and newspapers (including ... text of the Wall Street Journal). It is a starting point for articles on broad business topics. How to export to RefWorks

Ⓜ 🔒 ℹ️ Academic OneFile

A huge and highly heterogeneous multidisciplinary mix of scholarly, journalistic, practiti... popular sources, with much direct full-text included... se the tabs to identify scholarly, ... or other sources as necessary. Thanks to MeL / How to export to RefWorks Coverage: ... present

These links have **same text** but go to **different** pages.

Working with **iframes**

Most commonly come from embedded videos

Must have a title attribute:

YouTube Example

iframes

Original

```
<iframe width="560" height="315"
src="https://www.youtube.com
/embed/1Wh8RzcQZr4"
frameborder="0"
allow="autoplay;
encrypted-media"
allowfullscreen></iframe>
```

Improved

```
<iframe title="embeded video"
width="560" height="315"
src="https://www.youtube.com
/embed/1Wh8RzcQZr4"
frameborder="0"
allow="autoplay;
encrypted-media"
allowfullscreen></iframe>
```

Working with MS Office

In General:

1. Use the Built-in styles and layouts
2. Add alt text to all images (right click, choose format
3. Use built-in accessibility checkers (File > Info > Check for Issues OR on Mac check the "Review" tab)
4. Use Accessible Templates: Word, PowerPoint

Questions for Shawn?

Digital Accessibility Best Practices

Libguides and Videos

and what you can do!

Libguides & Screen Readers

- Columns
- Navigation
- Links

PAGE URL: http://guides.boisestate.edu/c.php?g=74098&p=475363 ✏ ⚙ PAGE ▾   ▯ LAYOUT ▾

About This Page ✏ ✕

In this guide you will find library and online resources to help you with your research and course assignments. If you have questions or need more in-depth help, please use the information in the Your Librarian section to contact Rebeca Peacock or the Get Help Now! section.

This page discusses:

☑ ▾

- 5 Databases to Being Your Research   ☑ ▾
- Additional Databases By Subject Area   ☑ ▾
- Statistics   ☑ ▾
- Library's Streaming Video Databases   ☑ ▾

⇕ Sort Link Group ▾

⚙ Add / Reorder ▾

← New navigation

Apr 19, 2018

APA Information ✏ ✕

- OWL at Purdue (APA)   ☑ ▾
  This is a thorough, up-to-date, resource for all of your APA style needs.
- APA EXPOSED - video tutorial   ☑ ▾
  Excellent how-to tutorial on APA

⇕ Sort Link Group ▾

⚙ Add / Reorder ▾

Dec 6, 2016

Statistics ✏ ✕

- National Center for Education Statistics - Collects, analyzes and publishes data related to U.S. education   ☑ ▾

5 Databases to Being Your Research ✏ ✕

Organization Performance and Workplace Learning is an interdisciplinary field which often means that you will need to search in a variety of databases to inform your writing.

☑ ▾

- Academic Search Premier - a multidisciplinary database   ☑ ▾
- ProQuest Central - a multidisciplinary database   ☑ ▾
- Business Source Premier - research database with journals on management, information technology, operations, human resources and more   ☑ ▾
- Education Research Complete - research database with journals on early childhood education to higher education   ☑ ▾
- PsychINFO - research database with coverage of the behavioral sciences   ☑ ▾

⇕ Sort Link Group ▾

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Apr 19, 2018

Your Librarian ⚙ ✏ ✕

Rebeca Peacock

Email Me

Contact:

Definitions **for** Media

Transcript
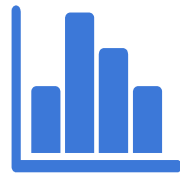
Text equivalent of spoken words in media.

Subtitles

Time coded transcript displayed below media.

Captions

Time coded transcript that includes textual representation of background sounds, music, speaker.

Live, Open, or Closed.

The Caption Math

Oregon State University's Ecampus Research Unit

71% 👍

75% 📖

FOCUS

Captioning **Best** Practices

- 1-2 lines
- Sans serif
- White characters, translucent box
- 3-7 seconds duration
- Correctly time synced
- Use appropriate grammar

Dcmp - captioning key

Captioning **Best** Practices (cont.)

- Foreign language and dialects
- Edit to fit wpm
- Describe music

Dcmp - captioning key

.srt Files

4

00:00:09,280 --> 00:00:15,160

Primary sources can be photographs, newspapers, maps,

5

00:00:11,549 --> 00:00:17,949

interviews, diaries letters, music scores,

6

00:00:15,160 --> 00:00:20,710

videos, as well as autobiographies

How to get .srt Files

- By hand
- Pay
- Speech-to-Text
  - Youtube
  - Techsmith Relay

More **Definitions** for Media

Audio Description (standard)

An additional audio track that describes what is occurring in a video during existing pauses in dialog.

Audio Description (extended)

An additional audio track that pauses to describe what is occurring in a video when natural pauses in the video do not allow for standard description.

Description **Best** Practices
Do's

- Describe what you see
- Use present tense
- Read text on the screen
- Voice does matter

Dcmp - description key

Description Best Practices Don'ts

- Summarize
- Interpret
- Censor

Dcmp - description key

How to Get Audio Description

- Pay
- DIY
  - MAGpie
  - [YouDescribe](#)

Thanks!

Any questions?