LibGuides: Mobile, Optimized, and Amped

Danielle Rosenthal, FGCU
Alexis Carlson, IRSC
Athena Hoeppner and Carrie Moran, UCF
ARE YOUR LIBGUIDES V2 BOX ORDER, IMAGES, TABLES, & VIDEOS LOOKING GOOD ON MOBILE?

Maybe not, and what you can do about it.

Danielle Rosenthal
FLVC Talking Tech June 7, 2016
WHAT IS RESPONSIVE DESIGN & BOOTSTRAP? AND WHAT IS THE LIBGUIDE CONNECTION?

- **Responsive Design**: The ability of a site to automatically reorganize itself to provide the optimal viewing experience, in accordance with the size of the display. (from Step by step Bootstrap 3).

- **Bootstrap**: is a framework for making this possible. It’s a “popular HTML, CSS, and JS framework for developing responsive, mobile first projects on the web.”

- **LibGuides V2**: is built on Bootstrap 3 which makes your LibGuides mobile-ready (sort-of), and all the Bootstrap classes available to you if you wish to customize further.
YOU MAY FIND THIS SESSION HELPFUL IF ...

- You’ve checked and your LibGuides V2 (primarily images, videos, and tables) look fantastic on a desktop screen, but not so great (distorted, content runs-out of boxes) on a phone or tablet.

- You don’t know if your guides look bad on a phone or tablet 😊

- You may or may not be familiar with Bootstrap or fundamentals of responsive design. No serious Bootstrap knowledge needed!
DO YOU KNOW IF YOUR EXISTING LIBGUIDES ARE RESPONSIVE?

- Use your phone to browse through them!
- Resize your browser to check. Minimize and click and drag the corners to see how the page elements responds. Try a few. IE, Chrome, Safari. Try Android & iPhones too.
- Take note of what’s resizing and displaying correctly and what’s not. Make adjustments to code accordingly.
- Some template modifications and/or customizations may be interfere with responsiveness, depending on the library or university’s developer.
LETS’ GET STARTED

Box order / stacking...
STACKING ORDER

A guide with no top box will display/stack boxes in the following order:
STACKING ORDER

A guide with a top box will display/stack boxes in the following order:
• Tables should be used for tabular data, not to layout elements (pictures and text) in a box. You can learn about how to use columns for this instead.
• Small tables may not need additional coding.
• View your finished tables by minimizing your browser or by using your phone to see how it displays.

**Step 1:** Using the Rich text editor, click the “table” icon
Step 2: Fill in the table properties

Define the number of **rows and columns**.

Select location of **headers** (for accessibility).

Enter a **caption** (optional).

Enter a **summary** (for accessibility).

Choose a bootstrap **styling class** if you wish. The default is a bordered table.
Step 3: Add the “table-responsive” class using the Rich Text Editor, by clicking on “Source”.

Add the highlighted code right before the table begins.
Be sure to add the closing </div> tag after the table ends.

Result: No runoff Scrolls and swipes
Step 1: Using the Rich Text Editor, click the “image” icon.
Step 2: View the Image Properties box

Important!
If the image is very large, resize it outside of LibGuides and then re-upload it. This will help download speed, which is important for mobile devices.

SpringShare recommends staying within 15%.

The goal is to have your uploaded image as close to the size you really want it to be, prior to uploading.

Browse to add your image.

Add Alternative Text (for accessibility).

Check image dimensions. May have to hit the button [ ]

Remove image dimensions.

Choose alignment (optional).
Result:
Image scales correctly to container (box) and screen
IMAGES (CONTINUED)

Chrome’s Inspect Element

1.16 MB image size at 2956 x 1999
31.3 KB image size at 220 x 149
**Step 1:** From within the box, choose Media / Widget from the Add / Reorder box dropdown.
VIDEOS (CONTINUED)

Step 2: Insert the Youtube embed code, and remove the iframe dimensions.

Step 3: Add the responsive embed code, add a title (for accessibility), and include a closing </div> tag.
Above: Youtube embed code with iframe dimensions intact

Above: Youtube embed code with iframe dimensions removed

Mobile View:
Embed code not edited

Mobile View:
Embed code edited
iframe dimensions removed, bootstrap class added 16x9 aspect ratio
RESOURCES


OPTIMIZING LIBGUIDE CONTENT
MARKETING YOURSELF AND YOUR WORK ONLINE (WITH OR WITHOUT LIBGUIDES)

By Alexis Carlson, MLIS Library & Information Science
Indian River State College
acarlson@irsc.edu
From July 1, 2015-June 1, 2016 there are a total of 250,054 views.
<table>
<thead>
<tr>
<th>Academic Year</th>
<th>APA LibGuide Hits</th>
<th>Total LibGuide Hits</th>
<th>Percentage of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-2012</td>
<td>11,349</td>
<td>46,080</td>
<td>25%</td>
</tr>
<tr>
<td>2012-2013</td>
<td>24,174</td>
<td>97,210</td>
<td>25%</td>
</tr>
<tr>
<td>2013-2014</td>
<td>66,738</td>
<td>207,772</td>
<td>32%</td>
</tr>
<tr>
<td>2014-2015</td>
<td>138,051</td>
<td>215,874</td>
<td>64%</td>
</tr>
<tr>
<td>2015-June 2016</td>
<td>250,054</td>
<td>460,112</td>
<td>54%</td>
</tr>
</tbody>
</table>
HOW WELL IS THE APA LIBGUIDE DOING?

Included are the ten largest colleges in the state.
Internet “users rarely look beyond the first 10-20 documents retrieved” (Langville & Meyer, 2012, p. 10).

Source: The Pew Research Center’s Internet & American Life Project tracking surveys, 2002-2012. Social network sites use not tracked prior to February, 2005. For more activity trends, go to PewInternet.org. “Get news online” and “buy a product online” have not yet been asked in 2012 surveys.
Every page of the APA Style LibGuide has a unique/friendly URL.

#2 Google search result here
### Links Between Websites Matter - Social Media

<table>
<thead>
<tr>
<th>Social Network</th>
<th>Sessions</th>
<th>Sessions %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Facebook</td>
<td>594</td>
<td>60.32%</td>
</tr>
<tr>
<td>2. Weebly</td>
<td>181</td>
<td>18.56%</td>
</tr>
<tr>
<td>3. Pinterest</td>
<td>149</td>
<td>14.36%</td>
</tr>
<tr>
<td>4. WordPress</td>
<td>22</td>
<td>2.28%</td>
</tr>
<tr>
<td>5. Twitter</td>
<td>10</td>
<td>1.03%</td>
</tr>
<tr>
<td>6. Instagram</td>
<td>8</td>
<td>0.82%</td>
</tr>
<tr>
<td>7. Google+</td>
<td>6</td>
<td>0.62%</td>
</tr>
<tr>
<td>8. StumbleUpon</td>
<td>6</td>
<td>0.62%</td>
</tr>
<tr>
<td>9. Blogger</td>
<td>4</td>
<td>0.41%</td>
</tr>
<tr>
<td>10. Delicious</td>
<td>2</td>
<td>0.21%</td>
</tr>
<tr>
<td>11. WikiAnswers</td>
<td>2</td>
<td>0.21%</td>
</tr>
</tbody>
</table>
Authored by: Alexis Carlson
Indian River State College

Keywords: citation, reference, American Psychological Association, apa, writing style, formal, in-text

Material Type: Reference Material
Technical Format: HTML/Text
Date Added to MERLOT: November 03, 2011
Date Modified in MERLOT: September 20, 2015
LINKS BETWEEN WEBSITES MATTER-OPAC

Catalog sources of information, once in the local catalog, becomes a part of the Union catalog. ALL Florida public colleges and universities now have access.

Links:

Title:
APA Style Guide

Series note:
LibGuides (Indian River State College Libraries)

Alternate title:
LibGuide
Library Guide
Research guide for APA style references

Subjects, general:
Psychology -- Authorship -- Style manuals
Social science literature -- Publishing -- Library resources
Social sciences -- Authorship -- Style manuals

Other author(s), etc:
Carlson, Alexis

Format:
Integrating Resource
Online Resource

- this item is not available through the UBorrow service.
A linked word = this is what the website is all ABOUT

**APA References**

The standard citation style guide book for the fields of business, education, health science, public service, and social science is the *Publication Manual of the American Psychological Association*, 6th edition, 2010. The American Psychological Association (APA) publishes the manual. We commonly refer to it as "the APA Manual".

The business, education, health science, public service, and social science departments at IRSC recommend APA format for papers written in these fields.

Two types of citations are included in most research papers: citations within the text of the document and a list of reference citations at the end of the paper.
REPUTATION MATTERS

- Regular updates to the site, removal of “dead” links
- Links back to new & excellent content on the Web
- Video content can help explain and add engagement to your site (see Rampton, 2014 for more details).
ORGANIC SEARCH

Word cloud of the most commonly used keywords people typed into a search engine to access our site through the organic search.

2013-2015 data for user acquisition to our site. Organic search refers to the number of people entering our LibGuide site through keywords entered into a search engine as opposed to clicking a link or typing in a URL.

Database Pages: Revamped and Amped on LibGuides

Athena Hoeppner & Carrie Moran
University of Central Florida Libraries

FLVC Talking Tech Webinar
June 7, 2016
Outline

- Old v New Database Pages
- LibGuides Database List Admin
- Configuration Decisions and Implications
- Design and UX
A to Z Databases Pages Evolution

WORK IN PROGRESS

Previous Database A-Z List
LibGuides: Database A-Z List

UCF Libraries / UCF Research Guides / A-Z Databases

A-Z Databases
Find the best library databases for your research.

1358 DATABASES Find databases by keyw Go

Databases & Guides by Subject Groups
- ARTS & HUMANITIES
- BUSINESS
- EDUCATION
- ENGINEERING
- HEALTH, MEDICINE & NURSING
- HOSPITALITY & TOURISM
- MISCELLANEOUS
- PUBLIC AFFAIRS & LAW
- SCIENCES
- SOCIAL SCIENCES

DATABASES: All | A B C D E F G H I J K L M N O P Q R S T U V W X Y Z #

Limit by subject discipline ↓ Limit to eBooks, videos, etc. ↓ All Vendors / Providers ↓

All | A B C D E F G H I J K L M N O P Q R S T U V W X Y Z #

1358 Databases found Clear Filters/Browse All Databases

A

A Selection of Popular Databases
- ABI/INFORM
- Academic Search Premier
- CINAHL
- CQ Researcher Plus Archive
- EI Village (Compendex/Inspek)
- ERIC
- Gale Databases
- JSTOR
- LexisNexis Academic
- MEDLINE
Style v Function

EVOlUTION of BATMAN
Key Features

**LibGuides**
- Database A-Z list
- Subject pages
- Friendly URLs
- Automatic EZproxy
- Search by Database
- Filter by Type, Vendor
- Integrates into Guides

**Old Site**
- Database A-Z list
- Subject pages
- Persistent URLs
- Automatic EZproxy
More Reasons to Move From Old Site

★ Coded in-house
★ Programmer long gone
★ Old Server and OS
★ Moving to WordPress for internet
Making the Move

★ 1500 “databases” in the old system
   ★ Databases
   ★ Websites
   ★ Deep links to books, etc.

★ Exported list from previous system
★ Entered title, description, URL by hand
★ Associated Subjects, Icons, Types
★ Created Friendly URLs
★ Found old PURLs and replaced with Friendly URL
★ Navigating Admin
★ Which data is entered where
★ Components working together to make the database entry
Navigating to A-Z Databases List Controls

1. Home
2. Content
3. Tools

Assets
- Content Items
- A-Z Database List
- Icons

Manage/view system content. Hover over the info button for user permission details.

+ Add Database
Import Databases
Manage Database Types
Manage Database Vendors
Preview A-Z List

Showing 1 to 25 of 1,358 entries

<table>
<thead>
<tr>
<th>ID</th>
<th>Type</th>
<th>Name</th>
<th>Description</th>
<th>Owner</th>
<th>Created</th>
</tr>
</thead>
<tbody>
<tr>
<td>18748705</td>
<td>Database</td>
<td>Women and Social Movements in the United States, Scholar’s Edition (Alexander Street)</td>
<td>A resource for students and scholars of U.S. history and U.S. women's history. Organized around the history of women in social movements in the U.S. between 1600 and 2000, the site seeks to advance...</td>
<td>LaMoreaux, Jamie</td>
<td>2016-01-13</td>
</tr>
<tr>
<td>18754814</td>
<td>Database</td>
<td>Biological Abstracts* (EBSCOhost)</td>
<td>See BIOSIS Citation Index</td>
<td>LaMoreaux, Jamie</td>
<td>2016-01-13</td>
</tr>
<tr>
<td>19032012</td>
<td>Database</td>
<td>Mango Languages</td>
<td>Learn a new language from Mango Languages. Choose from more than 70 languages, including Latin American Spanish and English for speakers of other languages. Access Mango via your computer or...</td>
<td>LaMoreaux, Jamie</td>
<td>2016-01-25</td>
</tr>
<tr>
<td>3046861</td>
<td>Database</td>
<td>ASCE Digital Library</td>
<td>Full text journals by the American Society of Civil Engineers.</td>
<td>Hoepnner - UCF, Athena</td>
<td>2014-07-11</td>
</tr>
<tr>
<td>5093245</td>
<td>Database</td>
<td>QuickSearch</td>
<td>QuickSearch combines search results from all of UCF's subscriptions to EBSCOhost databases, most of our online journals, and many databases from...</td>
<td>Hoepnner - UCF, Athena</td>
<td>2014-09-18</td>
</tr>
</tbody>
</table>
Entering Basic Database Info

Enter Info

- ★Database Name
- ★URL
- ★Proxy control
- ★Description
Enter More Database Info

★ More description options
★ New / Trial
★ Friendly URL

**database/AnthroSource**
Associations with Controlled Lists

- **Subjects**
- **Vendor**
- **Type**
- **Icon**

*Options controlled on other admin pages.*
Controls for Controlled List

- **Subjects**
- **Icons**
- **Type**
- **Vendor**
Types and Icons

UCF’s Types
★ Articles from Journals
★ AV - Video
★ Conference Proceedings
★ Data / Statistics
★ Directory
★ Dissertations & Theses
★ eBooks
★ Free on Web
★ News & Newspapers
★ Not Fully in QuickSearch

UCF’s Icons
- Audio
- Books
- Data / Statistics
- Government
- Images
- News & Newspapers
- Open Access
- Partially or Not Included in QuickSearch
- Password Required/Recommended OR
- Printed Version
- QuickSearch - Full Coverage
Subjects Administration

1. Used Globally in Your Guides
2. Browsing by Subject for Guides and Databases
3. Searching by Subject
4. Responses from API/Widget

- Used Globally in Your Guides
- Browsing by Subject for Guides and Databases
- Searching by Subject
- Responses from API/Widget
Best Bets and Other Subjects

★ Pick a subject from Best Bets Databases to show a database at the top of the page for that subject

★ Pick all subjects appropriate for the database

- Pick a subject from Best Bets Databases to show a database at the top of the page for that subject
- Pick all subjects appropriate for the database
It All Comes Together

Database Name, Description, URL

Subjects

Types

Icons

Vendor
Example: Accounting in Database List

★ Filters: Subject, Type, Vendor
★ Best Bets at top
★ Database name and link
★ Description
★ Icons
★ Friendly URL
Using Databases in Guides

American Periodicals Series Online 1741-1940 Full Text Journals
A full text collection of American magazines and journals.
This collection contains digitized images of the pages of American magazines and journals that originated between 1741, and 1900.

Access: Proxy Vendor: UMI

Added as Database
★ URL centrally controlled
★ Icons and descriptions automatically show
★ Databases and links can be listed together

- American Periodicals Series Online (ProQuest) (1741-1940)
  A full text collection of American magazines and journals.
- Early English Books Online (EEBO) (ProQuest)
  contains digital facsimile page images of virtually every work printed in England, Ireland, Scotland, Wales and British North America and works in English printed elsewhere from 1473-1700.
Easily Add Databases in Guides

★ Go to the guide in edit mode
★ Pick the box to include the database list
★ Click Add/Reorder
★ Pick Database
Easily Add Databases in Guides

★ Start typing the database name, then select from the options
Easily Add Databases in Guides

Start typing the title of the item you would like to reuse, and we will show matching results below. If you are unable to locate your item you may visit the Assets screen to create a new Database from scratch.

American Periodicals Series Online (ProQuest) (1741-1940)

- **Title**: American Periodicals Series Online (ProQuest) (1741-1940)
- **URL**: http://search.proquest.com/americanperiodicals/advanced?accountid=10003&language=En
- **Created**: May 3, 2009
- **Description**: A full text collection of American magazines and journals.

Add custom description, etc. as needed.
Philosophy: Choices and Implications

★ Database List
  ★ How many is too many?
  ★ 1300+ “Databases”
  ★ Links v Databases
  ★ Alterate titles

★ Types and Icons
  ★ What Types are useful for filtering?
  ★ Do the icons make visual sense?
  ★ How many icons per database?

★ Subjects
  ★ Many subject/database associations (i.e. 50+ Education databases)?
     OR
  ★ Be selective (i.e. 3 Education Best Bets and 10 databases)
  ★ Align Subjects and Colleges or Degree Programs?

Usability and User Experience
Database Pages: Revamped and Amped on LibGuides

Athena Hoeppner & Carrie Moran
University of Central Florida Libraries

Talking Tech Webinar
June 7, 2016
Website Redesign (in a nutshell)
Task: fix it!

Timeline: Fall 2015 semester, rollout by Spring 2016

★ Analytics
  ○ Database clicks
  ○ Database usage by vendor

★ Sites we liked
  ○ Thanks UCLA

★ User Research
  ○ 7 tasks
  ○ A & B version
  ○ 15 users total
Databases Page - New Website

- Built on LibGuides
- Responsive
- Custom LibGuide
- Subject lists match Your Librarian page
Questions?

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