Library One Search Usability at ASU

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About me



Jordyn Kush



Update image

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Arizona State University

- Arizona Metropolitan Academic Campuses
 - Tempe 50,246
 - Downtown Phoenix 11,277
 - Polytechnic 4,173
 - West 3,701
 - (Thunderbird)
- Arizona Learning Centers
 - Colleges at Lake Havasu City 123
 - Eastern Arizona College 31
- ASU Online 13,750



















User Experience



- Make it Useful Usable and Desirable
- You are not your user
- The user is not broken

2006 OpenUrl Linking Usability Testing Results

- SFX
- Users were confused when there wasn't a direct link to the article from the database
- Users often confused by multiple options on the "Get it @ ASU" page
- Staff concerns with the number of broken links using OpenUrl resolver outweighed user confusion
- Direct linking was not implemented

Internet

Done



Title: Engaging Autocratic Allies to Promote Democracy.

Source: The Washington quarterly [0163-660X] yr:2006 vol:29 iss:2 pg:7

Start Page: 7

Start Page: 7

Start Page: 7

ASU Libraries Home | Need Help? Ask a Librarian | Get It! Tutorial Coming Soo

Available Online:

Year: 2006 Volume: 29 Issue: 2

► From Wilson Social Sciences Index

Year: 2006 Volume: 29 Issue: 2

From EBSCOhost Electronic Journals Service

Year: 2006 Volume: 29 Issue: 2

From LexisNexis Academic 60

Must search for article in database.

Paper or Microform:

► This item not found in the ASU Libraries Catalog

More Options

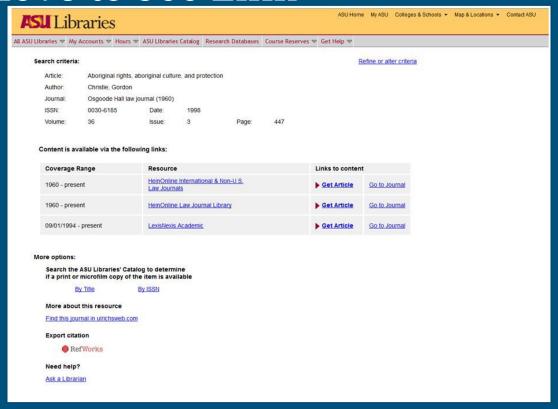
Document Delivery for Polytechnic Students

© 2005 SFX by Ex Libris Inc. CrossRef Enabled

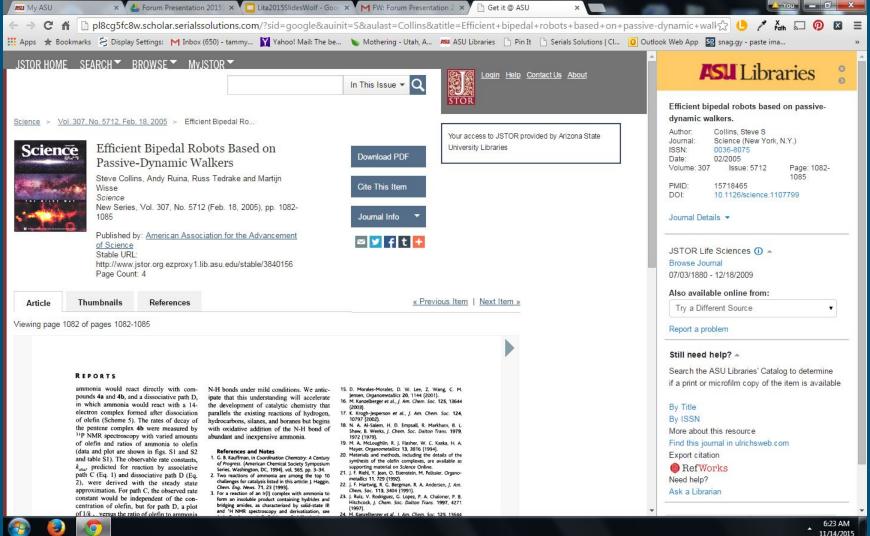
Accessibility | Contact ASU Libraries | Privacy

Copyright and Trademark Statement

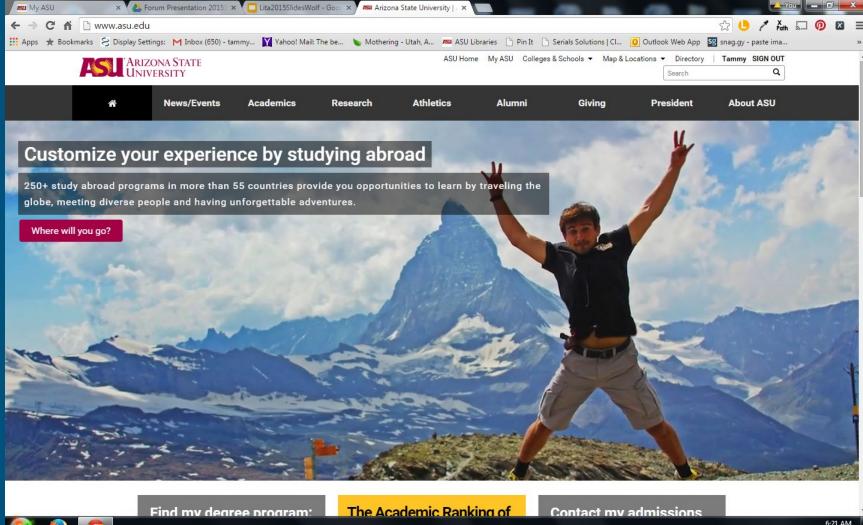
2009 - Move to 360 Link



Implemented direct linking

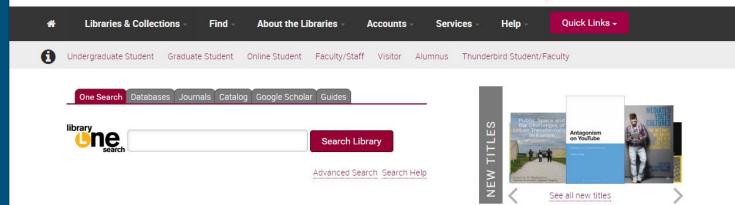


Library One Search Usability, Fall 2015





Ask a Librarian 🔾



Research Help

Library Guides - help finding the best resources on a subject or a specific course

Find a subject librarian - in-depth research help for your subject

Ask a Librarian - help using library resources and locating materials

Frequently Used Resources

- ABI/Inform
- Academic Search Premier
 CINAHL
- CINAHL
- Dissertations & Theses
- ERIC
- Films on Demand (FMG)
- Google Scholar
- JSTOR
- LexisNexis AcademicOpposing Viewpoints
- PsycInfo
- PubMed (Medline)
- Refworks
- · Web of Science
- Worldcat

View All Research Databases

Today's hours for:

Hayden Library

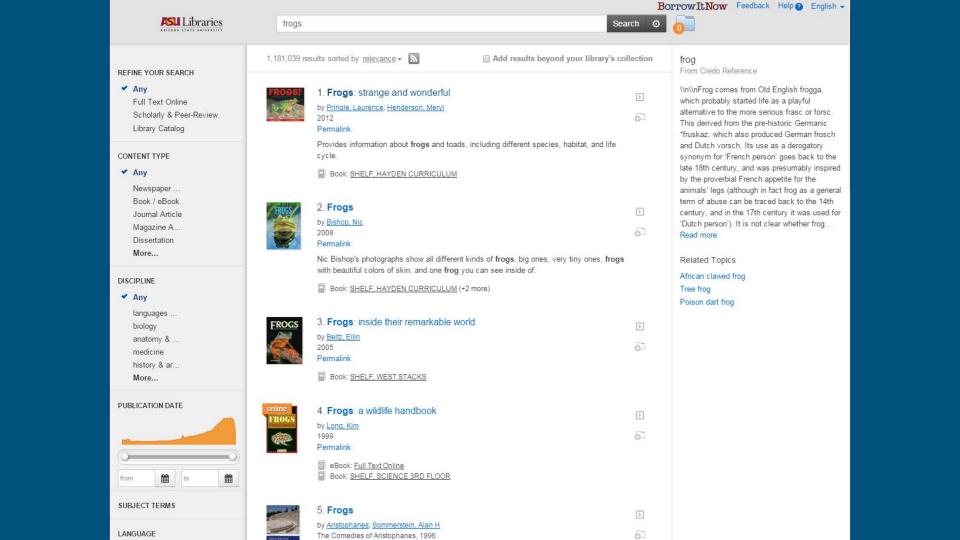
ASU Faculty, Staff & Students: Open 24 hours
Visitors: 7am - 12am

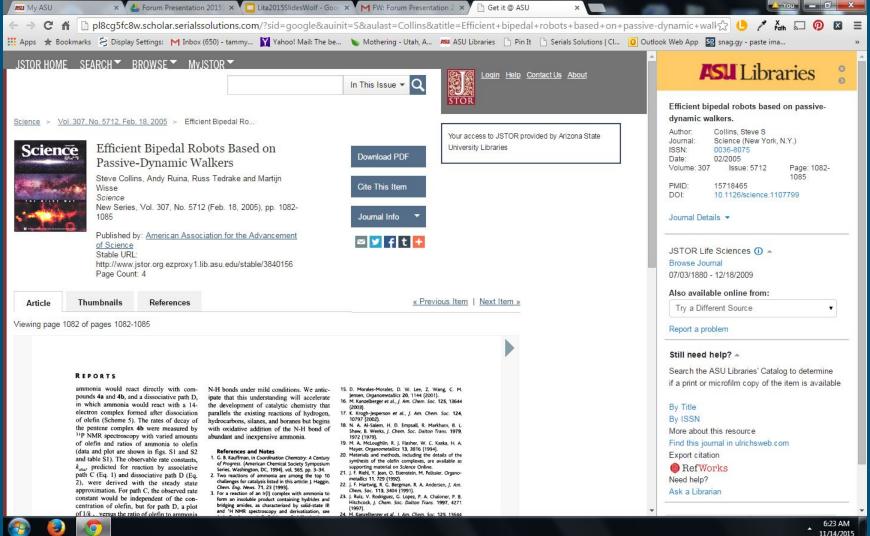
View all Library Hours

Featured Resource



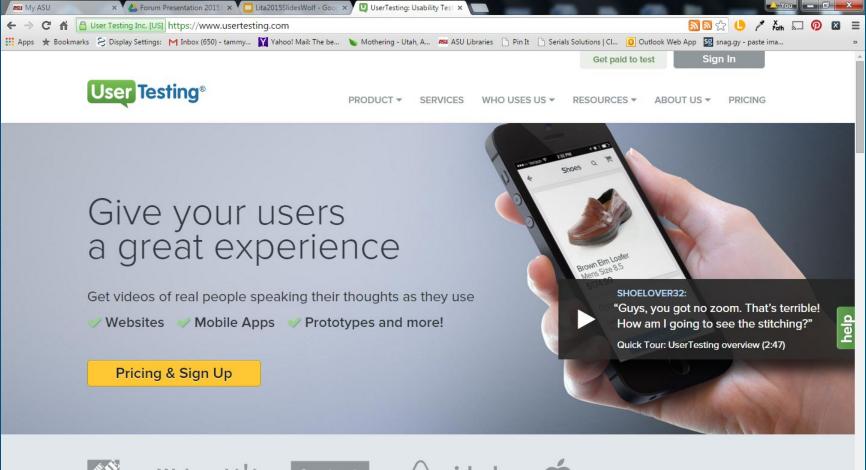
feedback





Methodology - Who

udience Type		Age	
Student (ASU affiliate)	5	18-24	11
aculty (ASU affiliate)	2	25-31	1
Online users (non-ASU)	9	32-38	2
TOTAL (participants)	16	39-45	1
		45 or older	1
		TOTAL (participants)	16













See more customers







Methodology

- 10 tasks/questions (15-20 minutes)
- 2 questionnaires
 - Demographics
 - System Usability Score
- Observations documented via screen and voice recordings

Methodology - Data Collected

- Task completion rates
- Verbal feedback
- System Usability Score

Findings

Participant tasks

Task 1 - Using the Library One Search tool, please look up information on "Biodiversity"

Number of participants	16
Percent successful	100%

Findings	Recommendations
 16 participants completed the task with ease. 15 participants found the tool via the Library Homepage 1 participant used asu.edu search "Library One" and was brought to tool's specific page (lib.asu.edu/one) 	No recommendations for this portion. All participants interacted well with this step despite source of search.

Task 2 - Please point out any database recommendations relevant to this subject

Number of participants	16	
Percent successful	43.75%	_

Findings	Recommendations
 7 of 16 participants completed the task with ease by finding the database recommendations listed above the results 9 of 16 participants needed prompting, had significant difficulty, or failed in completing the task. 	Most users said they would find "Database Recommendations" to be helpful if research was being done with a specific field/intent whether they located the recommendations or not. • Finding a more clear way to differentiate the "Database Recommendations" section from the results would help users identify more clearly.

Task 3 - Identify the number of Scholarly & Peer Reviewed articles are available in <u>Full-text</u> from the years 2000-2005.

Number of participants	16
Percent successful	43.75%

Findings	Recommendations
 7 of 16 live participants completed the task with ease by identifying/using all three facets to answer. 7 of 16 live participants needed prompting or had significant difficulty completing the task by identifying/using at least 1 of the 3 facets 2 of 7 were completely unsuccessful in this task and did not identify/use the facets 	Most live participants struggled to use the filtering facets. Recommending in-depth test be run on use of facets to measure/track data such as gaze plots and time on task Facet section as a whole should be more evident and salient Facet options should not be cut off or shortened so user is clear on the option Some users experienced difficulty/frustration with facets loading while attempting to filter (e.g. Date; inputting first date would resubmit query and users could not input end date facet until query was done). Fine tuning these interactions will help the users have a more fluid, stress-free interaction

Task 4 - Identify the number of articles available in Spanish and Italian

Number of participants	16
Percent successful	68.75%

Findings	Recommendations
 11 of 16 live participants completed the task with ease by identifying/using the language facet. 	Despite most live users taking note of the facets during the test, 5 of 7 failed to locate facet at all.
 5 of 7 live participants were completely unsuccessful at identifying/using language facet. 	Online users had a 100% success rate at identifying/using the facet.
	Recommendations from above apply
	Note: Language facet is significantly lower in the facet sidebar. However, it is proximate to the very visual "Publication date" facet.

Task 5 - Locate the top Journal Article on Biodiversity, save this to your personal folder

Number of participants	16
Percent successful	81.25%

Findings	Recommendations
 13 of 16 participants completed the task by identifying/using the folder icon to the right of the search result listing. 3 of 16 participants missed the folder icon and attempted other paths (e.g. "Save" "Export"). 	Most users were successful despite often being unsure that they were selecting the correct icon. Add an identifier, letting the user know that the folder icon will save the item to their temporary folder. Make information about folder behavior in grey box more evident Further testing could be useful to study expectations of folder. Participants did not seem aware that the items sent to this folder would not be saved for any length of time beyond their current session

Task 7 - Select the Journal Article to pull up more detailed information (360link sidebar). Is this information open access? What is the publication frequency of the journal?

Number of participants	16
Percent successful	43.75%

Findings	Recommendations
 7 of 16 participants completed the task by identifying both pieces of information in the sidebar. 4 of 16 participants struggled to identify both pieces of information in the sidebar 	 Further testing may provide useful, detailed feedback in the hierarchy of information and use of the 360link sidebar. Many users looked at the tool but the information was not salient.
 5 of 16 participants were completely unsuccessful at identifying both pieces of information in the sidebar. 	Note: The term "open access" was not salient and may have cause confusion among some participants. Locating the publication frequency is a clearer indicator of interaction with the 360link
8 of 9 participant completed the task by locating the publication frequency	sidebar.

http://hdl.handle.net/2286/R.I.35834

Report a Problem Feature

"I've seen a huge increase in these issues being reported. I just looked through old tickets and from what I can tell there were maybe 3 or 4 of these types of issues reported in Salesforce in the month before we implemented the 360Link sidebar, and in the month after there were probably close to 50 reports, and they seem to be coming in at about that same rate ever since then."

Further Study

