

Galvin Library Website Redesign

Go Big or Go Home

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IIT Libraries Mini Conference

May 18th, 2016

Where to Start?

With a Plan

1.



5.



2.



6.



3.



7.



4.



8.



Content Inventory

Item number	Notes	Page Title	Description	Links To	% of Total Pageviews (501,250) Mon, Aug 19, 2013 Sat, May 10, 2014
1		Home Page--Home Page	Do not use. List of links		20.39%
2		Menu (proxy databases page from 'e-resources link')--Menu (proxy databases page from 'e-resources link')	Landing page from portal e-resources link		4.97%
3		Login (proxy page)--Login (proxy page)	landing page from database proxy link		4.13%
4		About-Directions-Directions	Directions to the library using public transportation or driving.		0.05%
5		About-Art in the Library-Art in the Library	Information on art works on exhibit at the Galvin Library.		0.04%
6		About-Disaster Plan-Disaster Plan	Access to manuals and plans preparing to protect the digital and physical collection in cases of emergency.	http://library.iit.edu/disaster-plan/DisasterPlan http://library.iit.edu/disaster-plan/DigitalEmergency	0.10%
7		About-Dean's Page-Dean's Page	Biography of the Dean of Libraries		no data
8		About-Give to the Library-Donating Books	Donating books form	http://library.iit.edu/policies/collections.php	no data
9		About-Give to the Library-Give to the Library	For persons willing to make monetary donations. Provides address for mailing checks and offers link to make online donations.		no data
11	Contains dynamic content	About-Hours-Hours	Information on the day to day hours of operation of the Galvin Library.	http://library.iit.edu/policies/access.php#hours	2.01%
12	VERSION 2	About-Jobs-Jobs	Information on the hiring process of Galvin Library.	http://library.iit.edu/jobs/apply.php	0.50%
13		About-Library Maps-Library Maps	Map of upper and lower levels of the Galvin Library.	http://library.iit.edu/maps/#galvin http://library.iit.edu/maps/#google http://library.iit.edu/maps/#iit http://library.iit.edu/maps/GalvinMap2012	0.10%
14		About-Library News-Library News About-Mission Statement-Mission Statement	Most current overall information about activities at the Galvin library.		n/a

Understanding Users: Interviews

- Interview students about their research habits
 - Long interviews - 30-45 minutes
 - 4 undergraduate students, 2 graduate students
 - Short interviews - 5 minutes

Understanding Users: Work Activity Notes

“I used Google to find people who agreed with my thesis statement to find resources for my paper.”

“My advisor gives me the articles I need for my research. I don't have to find them myself..”

“I know about the Research Help Office, but I don't use it. I'm confident I know what I'm doing.”

Understanding Users: Javier

- Doesn't understand/use library services
- Basic goals: create accounts; book a study room, etc.



HARRIED JAVIER THE SPORADIC USER

- ◆ 20 years old
- ◆ Undergraduate Architecture major
- ◆ From Valencia, Spain
- ◆ Lives on campus

“I appreciate elegant, useful design. When I use something that isn't constructed well, I get frustrated and lose interest.”

About Javier:

Javier doesn't understand much about the library or how to use its resources. Not because he's not a serious student, but because he is. The architecture program at IIT is very rigorous. Second-year "archies" are scheduled for twelve **studio hours** per week, but Javier spends much more time there working on his projects. He also has three other classes on his schedule.

His Research Habits:

Javier uses the library for **precedent research**. This involves analyzing a particular building for its unique structural and design elements. His professors stress using the **Avery index**, but Javier doesn't understand how **filtering** can give him the specific elevations, details, and plans he needs. He usually turns to Wikipedia and other external sites to complete his research.

Javier also uses library materials for his other assignments, such as writing a paper for a Sociology class. He has trouble finding his way around the website: there are too many links on the page, and some of the terminology is **confusing**. What's the difference between searching for articles and searching for journals? Aren't they the same thing? He has a hard time finding full-text items, so he uses the **catalog** to just look up books instead. The books he finds are mostly out of date, but these are for minor assignments so he isn't bothered.

His Suggestion:

As an architecture student, Javier appreciates good design and thinks the website could benefit from removing a lot of **extraneous material**.

We Want Javier To:

- ◆ Create a library account
- ◆ Use the IIT catalog
- ◆ Understand the difference between the IIT and I-Share catalogs
- ◆ Use Research guides to find library resources
- ◆ Learn basic database concepts, such as filtering
- ◆ Reserve a study room

Understanding Users: Rebecca

- Power user
- Engage more with the library

Resolute Rebecca The Power User

- Master's Degree Student: Molecular Biochemistry and Biophysics
- 27 years old
- From Terra Haute, IN
- Lives in Bridgeport

About Rebecca:

Rebecca wants to heal people. Not by seeing patients as a physician, but by developing treatments that attack diseases at the cellular level. Her fascination with the natural world began in childhood; she once used to use a plastic magnifying glass to examine insects in her backyard but has now graduated to an electron microscope. Rebecca's Master's thesis involves examining the effects that differing levels of the dystrophin gene have on a cell's cytoskeleton. The work she's doing now might help develop a treatment for muscular dystrophy in the future.

How She Works:

Rebecca wants to be sure that she's getting the best, most recent articles related to her topic, but she still uses basic keywords in her searches. She'll perform a search to find a list of relevant articles, then use the articles' bibliographies to find additional citations. She likes the simple interface of Google Scholar, and will often start a search there, then look for specific titles in the library's citation search page. Because she's so busy, Rebecca is a fan of anything that helps make her life easier and more productive. She stores most of her notes in Evernote because she loves the synchronization between her phone and computer; if she comes up with an idea about her project while running an errand, she can record it in her phone for later use.

What She Needs from the Library:

Rebecca uses the library site to collect data for her thesis, primarily using the Web of Science and SciTech databases. Her advisor recommended that she review other IIT theses on her topic, and she does that when she has time while on campus. She has used citation management tools in the past, but feels that there is a lot more that she could learn. Rebecca would also benefit from instruction about how to set database filters, use subject headings and create email alerts for her topic. And as knowledgeable as she is about the library's research tools, Rebecca doesn't know about how to optimize Google Scholar to help connect her results to IIT's databases.



“ My research is important to me. I want to make sure I'm using the library's materials effectively. ”

We want Rebecca to:

- ✓ Know what databases the library subscribes to
- ✓ Optimize Google Scholar
- ✓ Learn techniques like filtering, subject searching, and alerts
- ✓ Use the SFX link resolver
- ✓ Use MyLL
- ✓ Use citation software
- ✓ Submit her thesis to the IIT repository

Result:

The screenshot shows the homepage of the IIT Paul V. Galvin Library. At the top, there is a navigation bar with the IIT logo and the text "ILLINOIS INSTITUTE OF TECHNOLOGY". Below this is a search bar with "Quick Links" and "Search iit.edu" options. A secondary navigation bar contains links for "IIT.EDU HOME", "PROSPECTIVE STUDENTS", "ALUMNI", "BUSINESS & INDUSTRY", and "VISITORS". The main header features the library's name "PAUL V. GALVIN LIBRARY" and a large image of the library building. Below the header is a search box with a "Textbooks | How to Find Books | Advanced" filter and a "by Keyword" search option. The page is divided into several sections: "Find It" with links to Books, Articles, Journals, and IIT Repository; "Services" including Borrowing & Circulation, Interlibrary Loan, Reserve a Room, Computing & Wireless, and Services for...; "Research Help" with Ask a Librarian, Research Guides, Quick Tips & Tutorials, Classes & Workshops, and Frequently Asked Questions; "About" with Hours | Maps | Directions, Policies, Staff | Jobs, Dean's page, and Other IIT Libraries; "Library 411" with a "Need help? Ask a Librarian" button and "Hours for April 17: Date missing."; "My Library" with links to "New to Illinois Tech? Start here!", "My I-Share/IIT Account", "MyILL Account", and "Find your textbooks"; "Library News" with a "Try our new website!" button and social media links; and "Most Used Databases". At the bottom, there is a footer with contact information, a "MEMBER OF CHICAGO COLLECTIONS" logo, and a copyright notice: "© 2016 Paul V. Galvin Library 35 W. 33rd Street Chicago, IL 60616 Phone: 312.567.3616 Fax: 312.567.5318 Email: library@iit.edu Comments & Suggestions | Site Index | Site Search".

This screenshot shows a different section of the IIT Paul V. Galvin Library website. The top navigation bar includes "HOME", "FIND ARTICLES & MORE", "FIND BOOKS", "FOR STUDENTS", "FOR FACULTY", "ABOUT THE LIBRARY", and "IIT HOME". The main content area is titled "IIT Paul V. Galvin Library" and features a large image of the library building at night. To the left of the image is a "We're Open!" section with the text: "Galvin is open 24x5 during the Fall and Spring semesters. Come in for a study session any time (almost). See the hours page for more information." To the right of the image is a "TODAY'S HOURS" section for Sunday, April 17, stating "Open 12 p.m. - overnight more... Currently, CLOSED". Below the image is a "NEED HELP?" section with contact information: "Email: rho@iit.edu Call: 312.567.3616 Chat help is online! more...". The "QUICK LINKS" section includes "IIT/I-Share catalog (find books)", "MyILL (Interlibrary loan)", and "Textbook lookup". Below this is a search box with the text "Search this site:" and a "SEARCH" button. The "LIBRARY NEWS" section features social media icons for 3i, Facebook, Twitter, and YouTube, along with the text "Finding Articles Library Section Human Library at IIT This Thursday Finding Information Using Google Worksho... more...". The "RESEARCH BY SUBJECT" section lists "Architecture (ARCH)", "Computer Science (CS)", and "Mechanical Engineering (MMAE) ...see all subjects". The "RESEARCH BY CONTENT" section lists "Codes and Standards", "Dissertations and Theses", and "Newspapers ...see all content types". The "GENERAL TOPIC SEARCH" section has a search box and the text: "Have a general research topic? Enter it below to search the following databases: Academic Search Complete, Business Source Premier, and Funk & Wagnalls New World Encyclopedia." At the bottom, there is a "SEARCH" button.

Textbook Collection: Old vs. New Interfaces

Course Reserves

Reserves allow students to use materials set aside by faculty to assist in coursework. This may include textbooks, reading material, practice exams, problem sets, etc. For questions on reserves, contact the Reserves Specialist at coursereserves@iit.edu or 312.567.3620.

Find Textbooks

Policies & Fines

For Instructors

Enter the full or partial course number
(ECE, CAE100, etc.)

Search

Clear

Courses found for "arch":

ARCH230 Structure and Architecture

ARCH335

Find Your Textbooks

FIND TEXTBOOKS

TEXTBOOK POLICIES

Enter course, professor, or textbook information to search.

SEARCH

CLEAR

AAH 120-01: HIST OF WORLD ARCHITECTURE II (HAZARD)

New York: The City and the World author: PBS Home Video
PC4023 This book may not be available. [Try a catalog search.](#)

World architecture : author: Richard Ingersoll, Spiro Kostof
NA200 .I54 2013 [Is it checked out?](#)

Re-Thinking the Process

Cleaning (and re-cleaning) data files

```
=SUBSTITUTE(trimmed!D2," ", "")
```

* If you want to combine with the original trim command:

```
=REPLACE(TRIM(CLEAN(SUBSTITUTE(origUG!G2, CHAR(160), CHAR(32))))), FIND(" ", TRIM(CLEAN(SUBSTITUTE(origUG!G2, CHAR(160), CHAR(32))))), 1, "")
```

- Set titles, instructor names and author names to Title case:

```
=PROPER(trimmed!C2)
```

- Make opac_url field blank instead of 0 (or Null) if there is no entry:

```
=IF(trimmed!E2>0, trimmed!E2, "")
```

```
=IF(trimmed!E2="Null", "", trimmed!E2)
```

Automate as much as possible

Page: 1
Report Sequence: Author/Title/Dept/Course
Report Selection Criteria: Roll Through Edit Selection Listing RRM006A
13:32:14 Store: 1 BN #0296 ILLINOIS INST OF TECH

Course ID	Author	Title	ISBN
15835	ABBOTT	APPLIED PREDICTIVE ANALYTICS	978-1-1187279-6-6
20308	ACHESON	CLINICAL SUPERVISION+TEACHER DEVELOPMNT	978-0-470-38624-8
23944	ACHESON	CLINICAL SUPERVISION+TEACHER DEVELOPMNT	978-0-470-38624-8
	AHMED	STRANGE ENCOUNTERS	978-0-415-20185-8
	ALBERS	INTERACTION OF COLOR >50TH ANNIV.ED.<	978-0-300-17935-4
28390	ALEXANDER	FUNDAMENTALS OF ELECTRIC CIRCUITS	978-0-07-338057-5
20802	ALEXANDER	FUNDAMENTALS OF ELECTRIC CIRCUITS	978-0-07-338057-5
20803	ALEXANDER	FUNDAMENTALS OF ELECTRIC CIRCUITS	978-0-07-338057-5
28391	ALEXANDER	FUNDAMENTALS OF ELECTRIC CIRCUITS	978-0-07-338057-5
20801	ALEXANDER	FUNDAMENTALS OF ELECTRIC CIRCUITS	978-0-07-338057-5
21730	ALEXANDER	FUNDAMENTALS OF ELECTRIC CIRCUITS	978-0-07-338057-5
	ALPERS	VEXATIONS OF ART	978-0-300-12613-6
	ALTER	EBK GENESIS	** E BOOK **
	ALTER	GENESIS	978-0-393-31670-4
24369	ALVIN	EG SUPPLY KIT-NON-RETURNABLE<CUSTOM>	None
27613	AM.CHEM.SOC.	CHEMISTRY IN CONTEXT	978-0-07-352297-5
27614	AM.CHEM.SOC.	CHEMISTRY IN CONTEXT	978-0-07-352297-5
26623	AM.PSYCHIA.	DIAG.+STAT.MAN.OF MENTAL DISORD.:DSM-5	978-0-89042-555-8
27613	AMERICAN CHEMI	EBK CHEMISTRY IN CONTEXT	** E BOOK **
27613	AMERICAN CHEMI	EBK CHEMISTRY IN CONTEXT	** E BOOK **
27614	AMERICAN CHEMI	EBK CHEMISTRY IN CONTEXT	** E BOOK **
27614	AMERICAN CHEMI	EBK CHEMISTRY IN CONTEXT	** E BOOK **
26533	AMMONS	TOOLS FOR DECISION MAKING	978-0-87289-597-3
20024	ANDERSON	JAVA ILLUMINATED-W/2 ACCESS	978-1-2840453-1-4

galvinlibrary / get-OCLC-book-data

<> Code Issues 0 Pull requests 0 Pulse Graphs

History for [get-OCLC-book-data](#) / functions.php

Commits on Feb 15, 2016

-  **add validate json file step**
christinemcclure committed on Feb 15
-  **complete JSON file written**
christinemcclure committed on Feb 15
-  **add function to finish writing JSON object file for leisure**
christinemcclure committed on Feb 15
-  **move \r\n to beginning of leisure line write**
christinemcclure committed on Feb 15
-  **add braces to leisure book objects**
christinemcclure committed on Feb 15
-  **fix bad param name for textbook input file check**
christinemcclure committed on Feb 15

Rethinking the Staff Interface

Add rules to ensure better data quality

Node » [Add content](#) » Textbook

Create Textbook

 The ISBN field requires a unique value, and the specified value is already used. Matches are found in the following content:

- [9780195139570](#)

ISBN field must be numbers only--no dashes or spaces.

ISBN *

COURSE CRN



A textbook will not display unless it is connected to a course record.

[Add another item](#)

Our Colleagues Are Users, Too

PUBLISHED? (TEXTBOOK)	BOOK TITLE	EDITION	AUTHOR	CALL NUMBER	ORDER STATUS	LINKED CATALOG RECORD?
Yes Edit textbook	New York: The City and the World		PBS Home Video	PC4023		No URL. Search by ISBN by title Amazon
Yes Edit textbook	World architecture :		Richard Ingersoll, Spiro Kostof	NA200 .I54 2013		Yes
Yes Edit textbook	World architecture :		Richard Ingersoll, Spiro Kostof	NA200 .I54 2013		Yes

What's Next?

- Move General Topic Search
- Add tabs/radio buttons to switch search types
- Test before deploy!

IIT Paul V. Galvin Library

HOME FIND ARTICLES & MORE FIND BOOKS FOR STUDENTS FOR FACULTY ABOUT THE LIBRARY IIT HOME

We're Open!

Galvin is open 24x5 during the Fall and Spring semesters. Come in for a study session any time (almost).

See the [hours page](#) for more information.



TODAY'S HOURS

Sunday, April 17
Open 12 p.m. - overnight
[more...](#)
Currently: **CLOSED**

NEED HELP?

Email: rho@iit.edu
Call: 312.567.3616
Chat help is [online!](#)
[more...](#)

QUICK LINKS

[IIT/Share catalog \(find books\)](#)
[MyILL \(interlibrary loan\)](#)
[Textbook lookup](#)

Search this site:

LIBRARY NEWS


[Finding Articles Library Session](#)
[Human Library at IIT This Thursday](#)
[Finding information Using Google Worksho...](#)
[more...](#)

Research by Subject

View articles by subject area. Every major area of study at IIT is included with corresponding course prefixes.

Architecture (ARCH)
Computer Science (CS)
Mechanical Engineering (MMAE)
[...see all subjects](#)

Research by Content

Many of our resources have a lot more to offer than just journal articles. We have ebooks, videos, and more.

Codes and Standards
Dissertations and Theses
Newspapers
[...see all content types](#)

GENERAL TOPIC SEARCH

Have a general research topic? Enter it below to search the following databases: *Academic Search Complete*, *Business Source Premier*, and *Funk & Wagnalls New World Encyclopedia*.

Thank You!
