Transforming a Library into a Bookless Branch and Increasing Discoverability of the Virtual Library

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Transforming a Library into a Bookless Branch and Increasing Discoverability of the Virtual Library

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Why “close” a library?

- Financial crisis 2008
- Lower endowment payouts (14%)
- High prices for serials causes underfunding for other needed resources
- Drop in ARL rankings for collections
- Library Budget reductions – $1.7 million year 1; $1.1 million year 2
- Strategic Plan focused on collections & selectors
- Provost’s directives . . .
Provost’s Directives to Library, 2009

• Develop a concrete plan to enhance resources devoted to collections and other scholarly resources.
• Explore consolidation of some unit libraries
• Participation from deans, faculty, and other constituencies
• Plan must also provide for maintaining student study space
• bit.ly/nl9rDc
Communication and Reaction

- Advisory Committee to Re-envision the Engineering Library report April 29, 2010 – took lead in communicating with stakeholders
- Comprised of 4 faculty, 3 librarians, 2 graduates, and 2 undergrads
- Dean spoke with department chairs several times throughout process
- Cornell Sun, Cornell Chronicle, press releases once decision was made public in June 2010

Still . . .
- Some faculty not happy with the changes
- Specific complaints included loss of ability to browse whole collection, loss of book drop, and move of course reserves to Uris Library
- Also, some apparently “didn’t get the message” and were unpleasantly surprised
Redistributing the books

- 20,000 books to Uris Library
- 145,000 books to Annex
- 3,000 books to Math Library
- 1,500 books to Mann Library
- 50+ print journals to Uris Library stacks
24 months later . . .

- Physical collection closed/redistributed
- …but still accessible and growing.
- 90% of journals switched to e-only
- Course reserves moved to central library
- From 6 staff to 2.5
- Space now open via keycard, 24/7
- Librarians still on-site, near departments & students
The dividend

- **AccessEngineering** - classic and new McGraw-Hill books
- AGU Backfile 1894-1995
- AIAA Online technical papers backfile, 1963 - date
- ASME Conf backfile 2002 +; Journals backfile, 1980+
- **ASTM Standards and Digital Library**
- **ENGnetBASE and NanoNetBase (CRC)**
- **Geological Society of America online** (includes field guides, memoirs)
- IMechE backfile 1847-1996
- K­novel (additional file packages)
- **Lyell Collection** (expanded access) - geology
- **Morgan & Claypool Synthesis Digital Library of Engr and Computer Science**
- **NSPE Engineering Income and Salary Survey**
- **OnePetro** - geology and petrology
- **SAE Digital Library, 1980 to present**
- **SPIE Digital Library**
- Springer eBooks
The Unexpected

• Challenges
• Improvements
• Surprises
Challenges

• Some library staff in central libraries not wanting Q-Z books. Used to an A-P environment.
• Unexpected formats – Stiquito robot, jigsaw puzzle, CDs, oversize
• Bindery money
• Course reserve – transfer not smooth
• Circulation notices not being sent
• Book Drop very much missed.
• Mail delivery
Improvements

- 24/7 building access
- Increased digital collections
- More group study rooms
- Former circulation desk turned into 50 study seats.
- New position: Outreach Coordinator and Collection Specialist
- Blog, Facebook, Twitter pages
- Chance to renovate librarians offices
- New enhanced website
From Circulation to Study Area
Improving Discoverability of the Virtual Library
<table>
<thead>
<tr>
<th>About the Transition</th>
<th>Library News</th>
<th>Quick Tips</th>
<th>Featured Databases</th>
</tr>
</thead>
<tbody>
<tr>
<td>What's Happening to the Engineering Library?</td>
<td>All About LibGuides</td>
<td>Course Reserve books are now located in Uris Library.</td>
<td>ASCE research library</td>
</tr>
<tr>
<td>Where are the Books Going?</td>
<td>NSF data management requirements: informational session</td>
<td>ACCEL is now managed by CIT.</td>
<td>AAPG/Datapages</td>
</tr>
<tr>
<td>The Bookless Branch:</td>
<td>MyCopy service from SpringerLink</td>
<td>Passkey - access resources when off campus.</td>
<td>TRB publications index</td>
</tr>
<tr>
<td>Engineering Library Transition</td>
<td>Transition: Four Things You Need To Know</td>
<td>Get reference help from <a href="mailto:engrref@cornell.edu">engrref@cornell.edu</a></td>
<td>MathSciNet mathematical reviews on the web</td>
</tr>
<tr>
<td>is Complete (blog posting, July 5, 2011)</td>
<td>arXiv’s 20th Anniversary Celebration</td>
<td>Get articles and books from the annex and books via interlibrary loan.</td>
<td>NANOnetBASE</td>
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<tr>
<td>Engineering Library</td>
<td></td>
<td></td>
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<tr>
<td>Transitions to Virtual Library</td>
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<td>(University Librarian, July 5, 2011)</td>
<td></td>
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<td></td>
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<tr>
<td>more background news on the transition</td>
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</table>
### Sample Search

#### Search Library Resources

Enter your keywords: **renewable energy**

- **journal**
  - Title: Annual renewable energy technology review
  - Date: 1997
  - Location: Tj807 .A61

- **book**
  - Title: Key issues in developing renewables
  - Date: 1997
  - Location: Tp360 .K49

- **journal**
  - Title: Abstracts of AIT reports and publications on renewable energy resources
  - Date: 1997
  - Location: Tj810 .R39

- **book**
  - Title: Renewables are ready--people creating renewable energy solutions
  - Date: 1995
  - Location: Tj808 .C65

- **journal**
  - Title: Renewable energy review journal
  - Date: 1995
  - Location: Tj810 .R43

- **book**
  - Title: The Phoenix Project: an energy transition to renewable resources
  - Date: 1990
  - Location: Tj163.2 .B723

- **book**
  - Title: Deploying renewables: principles for effective policies
  - Date: 2008
  - Location: Tj808 .D48

- **book**
  - Title: Utilization of renewable energy sources and energy-saving technologies by small-scale milk plants and collection centres
  - Date: 1992
  - Location: Tj808 .R61
Curated List of Library Resources (CULLR)
PLOP – Persiant Library Object Page

- BIB Ids
- 899 field
- 050 field
- discipline(s)
- sub-resource
- resource type
- weighting

<table>
<thead>
<tr>
<th>title</th>
<th>bibid</th>
<th>discipline</th>
<th>Sub-resource type</th>
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<tbody>
<tr>
<td>Alloy Phase Diagrams (ASM) (r)</td>
<td>7055187</td>
<td>materials science, ch handbook</td>
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<tr>
<td>ASM handbooks online (no 89)</td>
<td>7055173</td>
<td>materials science, ch handbook</td>
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<tr>
<td>chemnetebk</td>
<td>5168655</td>
<td>biomedical engineering handbook</td>
<td></td>
</tr>
<tr>
<td>Glossary of geology (no 899)</td>
<td>7091974</td>
<td>earth and atmospheric handbook</td>
<td></td>
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<tr>
<td>Kirk-Othmer encyclopedia of</td>
<td>4478151</td>
<td>biomedical engineering handbook</td>
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<tr>
<td>Knovel ebooks collection (see)</td>
<td>4004405</td>
<td>biomedical engineering handbook</td>
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<table>
<thead>
<tr>
<th>title</th>
<th>899 field - package</th>
<th>discipline</th>
<th>Sub-resource resource</th>
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<tr>
<td>IEEE journals (many have) (IEEEEX)</td>
<td>lyellcollebk</td>
<td>electrical and computer engineers ejournal</td>
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<tr>
<td>Lyell collection</td>
<td>lyellcollebk</td>
<td>earth and atmospheric sciences ebook</td>
<td></td>
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<td>Morgan &amp; Claypool</td>
<td>morgclayebkssdl</td>
<td>computer science, systems engineering ebook</td>
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<tr>
<td>MRS proceedings</td>
<td>MRSprocebkb</td>
<td>materials science</td>
<td>ebook</td>
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<td>Nanotechnology ebooks</td>
<td>nanonetebk</td>
<td>biomedical engineering, biological engineering ebook</td>
<td></td>
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<tr>
<td>Royal Society of Chemistry</td>
<td>RSCebks</td>
<td></td>
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<tr>
<td>Safari</td>
<td>saFTB</td>
<td>computer science, systems engineering ebook</td>
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Curated List of Library Resources: Call numbers, Weighting

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<th>Call Number</th>
<th>Subject</th>
<th>Discipline</th>
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<tr>
<td>QE 701</td>
<td>paleontology</td>
<td>earth and atmospheric</td>
<td>52</td>
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<tr>
<td>QE 856</td>
<td>biomedical engineering</td>
<td>biomedical engineering</td>
<td>46</td>
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<tr>
<td>R 858</td>
<td>computer applications</td>
<td>biomedical engineering</td>
<td>29</td>
</tr>
<tr>
<td>RD 130</td>
<td>Prosthesis, artificial or</td>
<td>biomedical engineering</td>
<td>4</td>
</tr>
<tr>
<td>T 1</td>
<td>general technology</td>
<td>electrical and comp</td>
<td>344</td>
</tr>
<tr>
<td>TA 1</td>
<td>general engineering, ge</td>
<td>civil engineering, env</td>
<td>628</td>
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<tr>
<td>TC 1</td>
<td>hydraulic environment</td>
<td>civil engineering</td>
<td>262</td>
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<tr>
<td>TH 1</td>
<td>building construction</td>
<td>civil engineering</td>
<td>111</td>
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<tr>
<td>TJ 1</td>
<td>mechanical engineering</td>
<td>mechanical and aero</td>
<td>250</td>
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<tr>
<td>TK 1</td>
<td>electrical engineering</td>
<td>electrical and comp</td>
<td>1013</td>
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<table>
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<th>Database Weighting</th>
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<tr>
<td>Field</td>
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<tr>
<td>---------------------</td>
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<tr>
<td>aerospace engineering</td>
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<tr>
<td>AIAA online meeting</td>
</tr>
<tr>
<td>SAE digital library</td>
</tr>
<tr>
<td>Compendex</td>
</tr>
<tr>
<td>Enginetbase</td>
</tr>
<tr>
<td>Web of science</td>
</tr>
</tbody>
</table>
In Development: Virtual Shelf Browse
Publicity: New Wall Graphics
Questions?

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