## Literature review resources

<table>
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<tr>
<th>Resource</th>
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### Annotated Bibliography.doc

- Draft annotated bibliography
- Lots of resources to check out

### OCLC Research: Library Mobile App Development. Current conditions and strategic choices. Webinar presented at the TAI CHI Webinar Series. Retrieved from [https://oclc.webex.com/oclc/drc/ph?AT=p45cE5-MC&iD=39989622&Key=93a96398966f33](https://oclc.webex.com/oclc/drc/ph?AT=p45cE5-MC&iD=39989622&Key=93a96398966f33); definitions of library, apps; discussion of hype cycle

- Ubiquity of phones and smartphones; examples of use in edu
- "Users increasingly expect anytime, anywhere access to data long ago were available only while sitting in front of a computer or cable"
- The portability of mobile devices and their ability to connect to the Internet almost everywhere makes them ideal materials and learning experiences, as well as general-use tools for fieldwork, where they can be used to record observations via voice, text, or multimedia, and access reference sources in real time."

### Hennig, N. (2010, May 14). It’s a mobile world, where do you fit? slides, MIT Libraries. Retrieved from [http://www.slideshare.net/nic221/its-a-mobile-world-world-where-do-you-fit](http://www.slideshare.net/nic221/its-a-mobile-world-world-where-do-you-fit); high number of mobile subscriptions, MIT’s mobile offerings, other...


- 32% of Americans have used a mobile device to go online
- African Americans are the most active users of mobile intern
- One quarter of 18-29 year olds (28%) have accessed the internet using especially true of adult internet users younger than age 50, of internet with more than one device.
- Accessing the Internet via a handheld device is as common among adults as access via internet with more than one device.
- African Americans are the most active users of mobile internet use even in the 18-29 age group, Internet users younger than age 50, of internet with more than one device.
- Accessing the internet via a handheld device is as common as a laptop—35% of adults report that they access the Internet through a handheld device. One in seven adults (14%) access the internet only from a laptop or cell phone such as a gaming de

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### Refworks compilation of resources [http://www.refworks.com/refshare/?site=031491125547200000/RWWEB106253836/Ipod](http://www.refworks.com/refshare/?site=031491125547200000/RWWEB106253836/Ipod); 

- Project Alison recently completed regarding UCB student use of mot possibility of creating a mobile course management system

- 90% of undergrad respondents use text messaging
- Info about course management systems, IT use in the classi
- About half of student respondents own internet-capable handli
- They say they never use the Internet feature (see fig 5, pg 10 chart)
- Factors in not accessing internet from handheld: access throu
- Activities they do from handheld: checking for info, maps or di networking
- Want to know about campus emergency via text

- 1 in 7 universities reports using text messaging to communic


http://www.oclc.org/innovation/default.htm


http://www.educause.edu/EDUCAUSE/QuarterlyMagazineVolume43Number1


not a particularly meaty article, but a couple of good quotes about the devices has been crucial for Apple. good quote: "Wall Street has called the beginning of the next one: The most important technology produ desk but rather fits in your hand."


Spectrum » Mobile Learning, Libraries, And Technologies http://mobile-libraries.blogspot.com/


Library and Information Research - 2010.ppt


http://r.edu/WhimsyProject/Whimsy_Project/project.html?page=trial

http://wsumobile-dev.website.og/r.edu/WhimsyProject/Whimsy_Project/

what QR codes are and how they might be used for education


- "The ability to not only download and view videos but also to devices are key components of today's smart phones such as Blackberries, and the new Android phones, as well as digital media players such as the iPod or Touch."
- descriptions of video formats, vodcasting, iTunes U
- "Health sciences librarians are creating video tutorials for their resources as well as video orientations and training videos."


research and limitations of augmented reality technologies, including some readily available smartphone apps


- "my main conclusion from watching iPhone app users is that I misstep than users in our mobile website tests. In fact, testing produced happier outcomes than testing people attempting to phone."
- "mobile apps have different usability criteria than core desktop the mission-critical enterprise software that people use every


- "When our test participants used sites that were designed on their success rate averaged 50%, which is substantially highe using "full" sites — that is, the same sites that desktop users :"  
- "Still, users often had trouble getting to mobile sites, even when The best approach is to auto-sense users’ devices and auto-f mobile site (even if they’re using a high-end phone). You sho from the desktop site to the mobile site, as well as a link back labels, we recommend "Mobile Site" and "Full Site," respectively: "Linking to the full site supports users who want advanced fe doesn’t support. Given this fallback solution, you should scale functionality and focus on features that people are actually lik scenaria."
- "Today’s mobile users are highly search-dominant. When we they should use (and often even when we do), they turn first e engine. Again, this means plenty of typing, which is slow, awk mobile devices."


- "Download times dominate the user experience. Most pages i particularly on non-3G phones. But even the highest-end pho browsing than a desktop computer. As a result, users are rela pages and they easily give up."  
- "For the best user performance, you should design different w device class — the smaller the screen, the fewer features, an your design. The very best option is to go beyond browsing at downloadable mobile application for your most devoted users the biggest and richest sites can afford all this extra work on t desktop-optimized website."
- "Feature phone browsing is essentially a linear experience, w full-screen browsing provide more of a GUI experience — alb viewport."


- "Feature phone browsing is essentially a linear experience, w full-screen browsing provide more of a GUI experience — alb viewport."
- "This study is promising for the future of e-readers and tablet higher-quality screens in the future, as indicated by the recent with a 326 dpi display. But even the current generation is alm formal performance metrics — and actually scores slightly hig


- Not all parts of the library web site should be made mobile: in content makes sense for the mobile user, build on existing we time-sensitive and location-based services, and focus on add fun, fast, and easy to implement.
- Both Innovative Interfaces, Inc (III) and OCLC have develop application that can be used by libraries wanting to provide a WorldCat Mobile does not currently offer customized views to compatible with a small set of smartphones, and some mobiles two applications to their mobile devices: WorldCat Mobile and instead of optimizing for smartphones, the AirPac search inte on feature phones and therefore works on a wider range of m search interface is just a smaller version of the desktop interface, account the mobile context or provide any additional features.
- While providing access to the library’s hours, staff contact infc the library is an important first step, what users typically want access to research materials. Offering a truly mobile catalog a mobile-friendly catalog records will make the library’s resourc mobile users.
- At Oregon State University Libraries, we promoted the mobile homepage, posted information on the libraries’ Facebook fan press release through the University’s media relations office, o on the local evening news and an article in the student newsp Our assessment plan includes tracking online usage stats (of 100 unique visitors per day), an online survey attached to the groups, and user testing.

Interesting screenshots from Handheld Librarian III conference, July 28-29, 2010

Hofmamer, Chris Jay, King, Jennifer, Li, Su and Turan, Joseph, How Different are Young Adults from Older Adults When it Comes to Information Privacy Attitudes and Policies? (April 14, 2010). Available at SSRN: http://ssrn.com/abstract=1589664

- article regarding generational attitudes toward privacy  
- "we found that large percentages of young adults (those 18-2 with older Americans regarding concerns about online privacy suggestions. In several cases, there are no statistically signif young adults and older age categories on these topic"
- “A gap in privacy knowledge provides one explanation for the which the young behave online."
- "An important part of the picture, though, must surely be our 1 pro persitions of 18-24 year olds believe incorrectly that the law and offline more than it actually does."
### Comparative analysis resources

<table>
<thead>
<tr>
<th>Resource</th>
<th>Notes</th>
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<tr>
<td>Environmental Scan of Libraries' Mobile Sites offerings Mobile_ENV_Scan_7-1-10.xlsx</td>
<td></td>
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### Interesting apps, mobile sites, and services

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<tr>
<th>Resource</th>
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<tr>
<td>Los Angeles County Museum of Art “Cell Phone stories”</td>
<td>tweets, videos, and texts about the museum and its resources (by celebrities and artists)</td>
<td><a href="http://latimesblogs.latimes.com/culturemonster/2010/05/lacma-to-text-tweet-and-tell-some-very-different-tales-about-itself-in-cell-p">http://latimesblogs.latimes.com/culturemonster/2010/05/lacma-to-text-tweet-and-tell-some-very-different-tales-about-itself-in-cell-p</a></td>
</tr>
<tr>
<td>Street Museum (Museum of London)</td>
<td>iPhone app that uses augmented reality to overlay historical photos of current location, could be a good model for DSC.</td>
<td><a href="http://gizmodo.com/5547236/strolling-through-19th-century-london-today">http://gizmodo.com/5547236/strolling-through-19th-century-london-today</a></td>
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<tr>
<td>SFMOMA iPod Touch tours</td>
<td>replacing regular audio tour with iPod touch; “loaded with a rich mix of pictures, interviews, video and graphics exploring 200 pieces in the institution’s permanent collection”</td>
<td><a href="http://www.nytimes.com/2010/03/18/arts/artsspecial/18SMART.html">http://www.nytimes.com/2010/03/18/arts/artsspecial/18SMART.html</a></td>
</tr>
<tr>
<td>WolfWalk by NCSU</td>
<td>mobile site created by NCSU library that uses current and historical photos from their special collections</td>
<td><a href="http://www.lib.ncsu.edu/wolfwalk/">http://www.lib.ncsu.edu/wolfwalk/</a></td>
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<tr>
<td>UC Merced iPod Touch library tour</td>
<td>virtual tour (video) of the library for students</td>
<td><a href="http://ucmercedlibrary.info/ipod-touch-library-tour/">http://ucmercedlibrary.info/ipod-touch-library-tour/</a></td>
</tr>
<tr>
<td>Life.com photo app</td>
<td>iPhone app for browsing photos from Life Magazine, includes fun features like the ability to make a magazine cover from your own photos and a game about having good editorial eye to choose the correct photos</td>
<td><a href="http://itunes.apple.com/us/app/life-mobile/id366704024?mt=8">http://itunes.apple.com/us/app/life-mobile/id366704024?mt=8</a></td>
</tr>
<tr>
<td>Mobile Digital Resource list (Dartmouth Library)</td>
<td>list of library and resource mobile sites and apps</td>
<td><a href="http://www.dartmouth.edu/~library/collprog/mobile.html">http://www.dartmouth.edu/~library/collprog/mobile.html</a></td>
</tr>
<tr>
<td>Library/Mobile Application</td>
<td>Description</td>
<td>URL</td>
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<tr>
<td>Public Library of Science mobile app</td>
<td>might be a good model for eScholarship, includes tabs for most recent, most viewed, and option to select favorite articles.</td>
<td><a href="http://itunes.apple.com/us/app/plos-medicine/id362137769?mt=8">http://itunes.apple.com/us/app/plos-medicine/id362137769?mt=8</a></td>
</tr>
<tr>
<td>Text a Librarian (Yale University)</td>
<td>information about text messaging service</td>
<td><a href="http://www.library.yale.edu/science/textmsg.html">http://www.library.yale.edu/science/textmsg.html</a></td>
</tr>
<tr>
<td>Ghent University</td>
<td>has a request option</td>
<td><a href="http://lib.ugent.be/info/en/mobile.shtml">http://lib.ugent.be/info/en/mobile.shtml</a></td>
</tr>
<tr>
<td>Orange County Library System</td>
<td>renewal, request</td>
<td><a href="http://www.ocls.info/mobile/video.asp">http://www.ocls.info/mobile/video.asp</a></td>
</tr>
<tr>
<td>U Toronto</td>
<td>Building a Location-aware Mobile Search Application with Z39.50 and HTML5</td>
<td><a href="http://journal.code4lib.org/articles/2947">http://journal.code4lib.org/articles/2947</a></td>
</tr>
<tr>
<td>UCB setting up library proxy on mobile</td>
<td>Instructions for setting up library proxy on mobile device</td>
<td><a href="http://www.lib.berkeley.edu/kb/entry/81/">http://www.lib.berkeley.edu/kb/entry/81/</a></td>
</tr>
<tr>
<td>List of database apps</td>
<td>List of various iPhone database apps (part of Boston College’s mobile site)</td>
<td><a href="http://www.bc.edu/libraries/mobile/ip-apps.html">http://www.bc.edu/libraries/mobile/ip-apps.html</a></td>
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