### Literature review resources

<table>
<thead>
<tr>
<th>Resource</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Draft annotated bibliography Annotated Bibliography.doc</td>
<td>lots of resources to check out</td>
</tr>
</tbody>
</table>
| Johnson, L., Levine, A., Smith, R., & Stone, S. (2010). _2010 Horizon Report » One Year or Less: Mobile Computing_ (pp. 9-12). Austin, Texas: The New Media Consortium. Retrieved from [http://wp.nmc.org/horizon2010/chapters/mobile-computing/](http://wp.nmc.org/horizon2010/chapters/mobile-computing/) | • 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 a cable" • "The portability of mobile devices and their ability to connect to the Internet almost anywhere 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."


### Resources

1. Literature review resources
2. Comparative analysis resources
3. Interesting apps, mobile sites, and services


Horrigan, J. (2009). Wireless Internet Use. Pew Research Center's Internet & American Life Project. Retrieved from [http://www.pewinternet.org/Reports/2009/12-Wireless-Internet-Use.aspx](http://www.pewinternet.org/Reports/2009/12-Wireless-Internet-Use.aspx) | • 32% of Americans have used a mobile device to go online • African Americans are the most active users of mobile internet use in the 18-29 age group, importance of info on the-go rates high with others (57%) • 19% of adults access the internet on the typical day with a cell |

Lenhart, A., Purcell, K., Smith, A., & Zickuhr, K. (2010). Social Media and Young Adults. Pew Research Center's Internet & American Life Project. Retrieved from [http://www.pewinternet.org/Reports/2010/Social-Media-and-Young-Adults.aspx](http://www.pewinternet.org/Reports/2010/Social-Media-and-Young-Adults.aspx) | • one quarter of 18?29 year olds (28%) have accessed the Internet device such as an e?book reader or gaming device • Three?quarters (75%) of teens and 93% of adults ages 18?21 • 83 percent of adults owned a cell phone (or Blackberry, iPhone also a cell phone) • Most adult internet users (63%) access the internet using wifi 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 a a laptop—95% of adults report that they access the internet u handheld device. One in seven adults (14%) access the inter |


Meier, A., Ronzinsky, D., & Schnuchter, T. (2010). Mobile bSpace User Research. UC Berkeley, School of Information. [mobile_bSpace_user_research.pdf](http://www.lib.ncsu.edu/dli/projects/wolfwalk/docs/mobileLibraries-2009.ppt) | project Alison recently completed regarding UCB student use of mot possibility of creating a mobile course management system |

Smith, S., Salaway, G., & Caruso, J. (2009). The ECAR Study of Undergraduate Students and Information Technology, 2009 (No. 11SR0906). EDUCAUCE Center for Applied Research. Retrieved from [http://www.educause.edu/Resources/TheECARStudyofUngraduateStudents](http://www.educause.edu/Resources/TheECARStudyofUngraduateStudents) | • 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 handi |


- text messaging "suffers from several disadvantages including inherent design problems, the opt-in process, chara
to abuse."
- Keeping the cellular contact information up-to-date is yet anc

- mobile services are underrated by universities
- fictious story about possible university services, including text
  the library (specifics to attach PDF of references to later use)
  suggests "multimobile" options--voice, text, email, IM
  tutorials and mockups of possible services (Whimsy Project):
  r.edu/WhimsyProject/Whimsy_Project/project.html?page=final

blog about mobile learning and libraries

ytimes.com/2010/05/27/technology/27apple.html?hpw

not a particularly meaty article, but a couple of good quotes about h
doi:10.1177/1469787408100197

2010.ppt

similar to other Sierra powerpoints, provides a good summary of imp

Walsh, A. (2010). Mobile phone services and UK Higher Education students, what do they want from the library? Library and
Information Research, 34(106), 22-36.

- "Attributes towards text messaging from the Library are overw
- want text messages for "useful" things rather than promotion
  rank reminders by text highest, the search of library catalog


- "not worthwhile to make entire site mobile, just pieces for people on the go


- "small % of library users accessing from mobile but worthwhile to do

doi:10.1171/1469787408100197


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

uShouldKnowAboutMobileIT99797

- "sifting mobile services that require authentication] involves
  introduces privacy and security concerns"
- "One area of great potential with mobile IT is in location-awan
  whenever computer systems know where users are, privacy and security concern
  Institutions that pursue such applications should develop a pc
  collected, as well as how, and under what circumstances, policy might also allow users to opt-out of location-aware app


OCLC webinar notes.docxsee notes

Herrington, J. (2009). New technologies, new pedagogies : mobile learning in higher education. Wollongong: University of


org/hm/14wwrap/bin/oj/index.php?m/article/view/2291/2270


- "Survey respondents were more positive about accessing inf
  messages than through the mobile internet."
- "65% of respondents at both universities said they take photo
  save information for later reference"
- "55% of total respondents were in favour of being able to acc
  from a mobile phone"

Reference Librarian, 51(2), 108. doi:10.1080/02763870903579729

- "However, the overall picture is that few libraries in the Unite
  with text messaging as a means of providing information to library use
  the vast number of potential library users who regularly use ts of
  communication."
- 3 options: text-to-email; dedicated phone; AIM hack (text-to-
  "There is some indication that 20 to 40 messages per month i
  patron use of an SMS library reference service"
- "we suspected that text messaging would represent the most
  logical step in enabling our users to communicate with us fr
  immediate point of need."
- "The service is used most heavily for Circulation questions an
  about-off Grounds access to databases."
- "Although usage of text messaging as a means of contacting
  staff remains low when compared to phone, e-mail, chat, or r
  number of SMS queries has grown steadily over the p

doi:10.1080/09657321011044981

- "Currently, many students who own laptops do not bring them to campus, but s
  bring their cell phones wherever they go. In fact, this is true of nati
  In an international survey, three quarters of resp
  leave home without their mobile phones."
- "As smartphones become our users’ key information devices, signifi
  presence in offering content and services suitable f
  future of eReaders vs. smartphones
- "Academic libraries have the reputation of thinking long and h
  debating all of the fine points, before deciding to implement a
  technology-based service, sometimes missing the peak of the
- "The challenge for academic libraries is to create compelling i
  make digital content available in a way that our user commun
  acceptable, but tailored to their needs."


Hoofnpale, Chris Jay, King, Jennifer, Li, Su and Turwe, 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=1589864

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

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 signiﬁcant 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 proportions of 18-24 year olds believe incorrectly that the law and ofﬁce more than it actually does."
### Comparative analysis resources

<table>
<thead>
<tr>
<th>Resource</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Environmental Scan of Libraries' Mobile Sites offerings</td>
<td>Mobile_Env_Scan_7-1-10.xlsx</td>
</tr>
</tbody>
</table>

### Interesting apps, mobile sites, and services

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</table>


- graphs of how mobile internet time is spent
- "In a Nielsen survey of mobile web users, there is a double-digit rise in the prevalence of social networking behavior, but the dominance of email activity on mobile devices continue with an increase from 37.4 percent to 41.6 percent internet time."
- "Although we see similar characteristics amongst PC and mobile activity, the way their activity is allocated is still pretty contrasting, added Martin. While convergence will continue, the unique characteristics of computers and mobile phones mean that mobile Internet behavior mirroring its PC counterpart is still some way off."


Android OS now accounts for 33% of US smartphone market share;
<p>| <strong>Los Angeles County Museum of Art “Cell Phone stories”</strong> | tweets, videos, and texts about the museum and its resources (by celebrities and artists) | <a href="http://latimesblogs.latimes.com/culturemonster/2010/05/lacma-to-text-tweet-and-tell-some-very-different-stories-about-itself-in-cell-p">http://latimesblogs.latimes.com/culturemonster/2010/05/lacma-to-text-tweet-and-tell-some-very-different-stories-about-itself-in-cell-p</a> | |
| <strong>Street Museum (Museum of London)</strong> | iPhone app that uses augmented reality to overlay historical photos of current location, could be a good model for DSC. | <a href="http://gizmodo.com/5547236/strolling-through-19th-century-london-today">http://gizmodo.com/5547236/strolling-through-19th-century-london-today</a> | |
| <strong>SFMOMA iPod Touch tours</strong> | replacing regular audio tour with iPod touch; &quot;loaded with a rich mix of pictures, interviews, video and graphics exploring 200 pieces in the institution's permanent collection&quot; | <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> | |
| <strong>WolfWalk by NCSU</strong> | mobile site created by NCSU library that uses current and historical photos from their special collections | <a href="http://www.lib.ncsu.edu/wolfwalk/">http://www.lib.ncsu.edu/wolfwalk/</a> | |
| <strong>UC Merced iPod Touch library tour</strong> | virtual tour (video) of the library for students | <a href="http://ucmercedlibrary.info/ipod-touch-library-tour/">http://ucmercedlibrary.info/ipod-touch-library-tour/</a> | |
| <strong>Life.com photo app</strong> | 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 | <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> | |
| <strong>Mobile Digital Resource list (Dartmouth Library)</strong> | list of library and resource mobile sites and apps | <a href="http://www.dartmouth.edu/~library/collprog/mobile.html">http://www.dartmouth.edu/~library/collprog/mobile.html</a> | |</p>
<table>
<thead>
<tr>
<th>Public Library of Science mobile app</th>
<th>might be a good model for eScholarship. Includes tabs for most recent, most viewed, and option to select favorite articles.</th>
<th><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></th>
</tr>
</thead>
<tbody>
<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</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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