



Mobile Access to Licensed Databases in Medicine & Other Subject Areas

Bohyun Kim, Digital Access Librarian, FIU Medical Library
Marissa Ball, Emerging Technologies Librarian, FIU Green Library

- Handheld devices, sites, tools and applications in libraries currently play mostly a supplemental role, providing quick, on-the-go information (hours, directions, contact information, tours, SMS reference, etc)
- Both services and resources are in infancy
- Wider adoption of mobile devices in specific fields of study, especially practice-based disciplines like medicine
- 60-70% of medical students and residents use handheld computers for education or patient care
- Content for mobile devices within the medical field is more diverse than in other areas: general medical reference, drug reference, Evidenced-based Medicine for clinical decision support, anatomical diagrams, medical calculators, study guides, patient education
- Issues for mobile device users (across disciplines): what's available, free vs. paid, support, installation and set-up, platforms/formats
- Challenges for libraries also include licensing models, statistics, demand, usage statistics, staff training, marketing/promotion, and sustainability?
- Library resources on mobile devices can benefit the user if they combine the information resources and data they need at the point of need and for task-oriented/specific purpose

Slides Available for Download at SlideShare:

<http://www.slideshare.net/bohyunkim/mobile-access-to-licensed-databases-in-medicine-and-other-subject-areas>

References:

- Cuddy, C., Wrynn, P. (2007). Licensing content for PDAs. *Journal of Electronic Resources in Medical Libraries*, 4 (1/2), 175-184.
- Ducut, E., Fontelo, P. (2008). Mobile devices in health education: current use and practice. *Journal of Computing in Higher Education*, 20 (2), 59-68.
- Fox, M. K. (2007). Mobile Technologies in Libraries. Retrieved from: <http://web.simmons.edu/~fox/pda/>
- Frost & Sullivan. (2009). 2010 Outlook & Forecast: Mobile & Wireless Communications. <http://www.slideshare.net/FrostandSullivan/2010-outlook-forecast-mobile-wireless-communications-2635125>
- Gartner Research Firm. (2009). Gartner Identifies the Top 10 Consumer Mobile Applications for 2012. <http://www.gartner.com/it/page.jsp?id=1230413>
- iHealthBeat. (2009). Smartphones becoming integral tools for health care providers, medical Students. <http://www.ihealthbeat.org/Special-Reports/2009/Smartphones-Becoming-Integral-Tools-for-Health-Care-Providers-Medical-Students.aspx>
- Koufogiannakis, D., Ryan, P., and Dahl, S. (2005). Just another format: integrating resources for users of personal digital assistants. *The Acquisition Librarian*, 17 (33/34), 133-145.
- Ković, I. (2010, Feb 2). An EMR physician with an iPhone, Mobile Monday Amsterdam. [Video File] Video posted to http://www.youtube.com/watch?v=Q-E-B3Pc8mk&feature=player_embedded
- M-Libraries. (n.d.). Retrieved from Library Success: A Best Practices Wiki: http://www.librariesuccess.org/index.php?title=M-Libraries#Vendors_and_Publishers
- Pew Internet & American Life Project. (2009). Wireless Internet Use Report. <http://www.pewinternet.org/Reports/2009/12-Wireless-Internet-Use.aspx?r=1>
- Spire, T. (2008). Handheld librarians: a survey of librarian and library patron use of wireless handheld devices. *Internet Reference Services Quarterly*, 13 (4), 287-309.