

Mobile Teaching and Learning

Veronica Diaz, PhD, vdiaz@edUCAUSE.edu, Associate Director, [EDUCAUSE Learning Initiative](#)
URL for this document: <http://tinyurl.com/mecar>

**** items with two asterisks were mentioned in mobility presentation**

Resource List

****** *Literature Review in Mobile Technologies and Learning. FutureLab Series. 2006.* Laura Naismith, Peter Lonsdale, Giasemi Vavoula, Mike Sharples, University of Birmingham. Available at http://www2.futurelab.org.uk/resources/documents/lit_reviews/Mobile_Review.pdf.

A Task-Centered Approach to Evaluating Mobile Learning Environments for Pedagogical Soundness. Josie Taylor, IET UserLab, The Open University, Milton Keynes. Available at http://www.mobilelearn.org/download/results/Mlearn_paper.pdf

****** *Assessing the Effectiveness of Mobile Learning in Large Hybrid/Blended Classrooms, 2008,* Minjuan Wang, Daniel Novak, and Ruimin Shen. Available at <http://portal.acm.org/citation.cfm?id=1429739.1429773>
PDF is at http://www.cs.cityu.edu.hk/~ichl2008/LNCS-Proceedings/ICHL2008_MinjuanWang_13pages.pdf

****** *Challenges in Evaluating Mobile Learning, 2008.* Giasemi N. Vavoula, Mike Sharples. Available at <https://lra.le.ac.uk/bitstream/2381/8162/3/%5B14%5DVavoulaSharples-mlearn2008%5B1%5D.pdf>

****** *Defining, Discussing and Evaluating Mobile Learning, 2007,* John Traxler, University of Wolverhampton, UK. Available at <http://www.scribd.com/doc/3115019/Traxler-Defining-Discussing-and-Evaluating-Mobile-Learning>

Design, Development and Evaluation of Mobile Learning at NKI Distance Education 2000-2005, 2005, Torstein Rekkedal, Aleksander Dye, Truls Fagerberg, Stein Bredal, Bente Midtsveen & John Russell. Available at http://www.dye.no/articles/mlearning/m_Learning_2000_2005.pdf

Evaluating mobile learning artefacts, 2009. From ASCILITE proceedings, Krassie Petrova and Chun Li. Available at <http://www.ascilite.org.au/conferences/auckland09/procs/petrova.pdf>

Evaluating Mobile Learning: Reflections on Current Practice, 2005, John Traxler, Agnes Kukulska-Hulme. Available at <http://www.mendeley.com/research/evaluating-mobile-learning-reflections-current-practice/>

Evaluation Methods for Mobile Learning, Mike Sharples, Learning Sciences Research Institute, University of Nottingham. Available at <http://www.slideshare.net/sharplem/evaluation-methods-for-mobile-learning>

Evaluation of Handheld Devices for Mobile Learning, 2008, Economides, A.A. & Nikolaou, N.

International Journal of Engineering Education. Available at
<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.137.9318&rep=rep1&type=pdf>

***Evaluation of mobile learning: Students' experiences in a new rural-based medical school*, Debra Nestel, Andre Ng, Katherine Gray, Robyn Hill, Elmer Villanueva, George Kotsanas, Andrew Oaten and Chris Browne, BMC Medical Education 2010, 10:57. Available at
<http://www.biomedcentral.com/1472-6920/10/57>

Evaluation Rubric for iPod Apps, Harry Walker – Johns Hopkins University, 10/18/2010. Available at <http://learninginhand.com/storage/blog/AppRubric.pdf>

Five Mobile Learning Implementation Tips, Abhijit Kadle, March 1st, 2010. Available at
<http://www.upsidelearning.com/blog/index.php/2010/03/01/five-mobile-learning-implementation-tips/>

Maryland's Mobile Learning Story Presentation at Campus Technology 2010, Ellen Yu Borkowski, July 2010.

Meeting the Challenges in Evaluating Mobile Learning: A 3-level Evaluation Framework, 2009, Giasemi Vavoula and Mike Sharples, International Journal of Mobile and Blended Learning, 1(2), pp. 54-75. Available at <http://www.igi-global.com/bookstore/Article.aspx?TitleId=4058>

Methods for Evaluating Mobile Learning, Sharples, M. (2009), in G.N. Vavoula, N. Pachler, and A. Kukulska-Hulme (eds), *Researching Mobile Learning: Frameworks, Tools and Research Designs*. Oxford: Peter Lang Publishing Group, pp. 17-39. Available at
<http://www.lsri.nottingham.ac.uk/msh/Papers/Methods%20Evaluating%20Mobile%20Learning.pdf>

Mobile 2.0 Leads to a Transformation in mLearning, 2008, Shudong Wang, and Michael Higgins. Available at <http://portal.acm.org/citation.cfm?id=1429765>

Mobile learning framework, from the IADIS International Conference Mobile Learning 2005. Ali Mostakhdemin-Hosseini, Jarno Tuimala. Available at
http://www.iadis.net/dl/final_uploads/200506C006.pdf

Mobile learning: A framework and evaluation, Luvai F. Motiwalla, Computers & Education 49 (2007) 581–596. Available at www.sciencedirect.com

Pew Internet Research Report Mobile Access 2010. (Aaron Smith, Pew Research Center, 1 June 2010.) This research report by the Pew Internet Project examines mobile computing usage among Americans. Available at <http://pewinternet.org/Reports/2010/Mobile-Access-2010.aspx>

Purdue's Social Presence Survey, 2010:
<https://docs.google.com/viewer?a=v&pid=explorer&chrome=true&srcid=0B7ETwnbZ914bYTAYZWEzYmYtZWExZC00OTdmLWFhNzMtNGY1N2Q4NmQ5ZThk&authkey=CJio0ekO&hl=en>

Researching Mobile Learning Frameworks, Tools and Research Designs, Vavoula, Pachler, Kukulska-Hulme (eds), 2009. Available at <http://www.peterlang.com/index.cfm?event=cmp.ccc.seitenstruktur.detailseiten&seitentyp=produkt&pk=50553&concordeid=11832>

Smartphones give you wings: Pedagogical affordances of mobile Web 2.0, Australasian Journal of Educational Technology, 2010, 26(1), 1-14, Thomas Cochrane and Roger Bateman. An Outstanding Paper Award recipient, ascilite Auckland 2009 Conference. Available at <http://www.apo.org.au/research/smartphones-give-you-wings-pedagogical-affordance-mobile-web-20>

2011 Mobile Learning Info Toolkit. Available at <https://files.pbworks.com/download/rcSE6jycOd/mobilelearninginfokit/50760424/mobile-learning-infokit.pdf>.

ELI Seeking Evidence of Impact Mobile Learning Cases and Briefs

Empowering Students and Instructors: Reflections on the Effectiveness of iPads for Teaching and Learning, Morrone, Anastasia S.

<http://www.educause.edu/Resources/EmpoweringStudentsandInstructo/250105>

Launching a University Tablet Initiative: Recommendations from Stanford University's iPad Implementation, Brian Tobin

<http://www.educause.edu/Resources/LaunchingaUniversityTabletInit/250812>

Closing in on Vocabulary Acquisition Testing the Use of iPods and Flashcard Software to Eliminate Performance Gaps, Andrea L. Nixon

<http://www.educause.edu/Resources/ClosinginonVocabularyAcquisiti/248520>

Other Mobile and Mobile Learning Links

- Mobile Learning Initiative Evaluation Worksheet:
<https://docs.google.com/open?id=0B7ETwnbZ914bVjByTlJyUnY5YTg>
- BYOD and Consumerization of IT in HED Research:
<http://www.educause.edu/library/resources/byod-and-consumerization-it-higher-education-research-2013>
- EDUCAUSE Mobile Computing 5 Day Sprint:
<http://www.educause.edu/Mobile+Sprint/MobileComputingA5DaySprint/Sprint101/227374>
- ECAR Mobile Strategy Working Group:
<http://www.educause.edu/ecar/ecar-working-groups/mobile-strategy-and-application-development-working-group>
- BYOE Mobile Data Collection:
<http://www.educause.edu/library/resources/introduction-byoe-mobile-data-collection>
- ECAR Mobile IT in Higher Education 2011 Report:
<http://www.educause.edu/ECAR/MobileITinHigherEducation2011R/238470>
- ECAR Mobility in the Age of Consumerization (ECAR membership needed):

<http://www.educause.edu/Resources/FieldResearchMobilityintheAgeo/246626>

- ECAR 2013 National Study of Undergraduate Students and IT:
<http://www.educause.edu/library/resources/ecar-study-undergraduate-students-and-information-technology-2013>
- ELI 7 Things You Should Know About (several issues address mobile learning and mobility): <http://www.educause.edu/ELI7Things>
- ELI Online Spring Focus Session: <http://net.educause.edu/Proceedings/1024403>
- ELI White Paper: Mobile Learning: Context and Prospects:
<http://www.educause.edu/Resources/MobileLearningContextandProspe/204894>
- 2012 Horizon Report Wiki (check out the resources embedded in the horizon report-login required): <http://horizon.wiki.nmc.org/home>
- Horizon Report Emerging Technologies:
<http://horizon.wiki.nmc.org/Emerging+Technologies>