

Annotated Bibliography

"Mobile Learning (m-learning) a Growing Practice?"

By Christopher Sowden

- 1) Fuegen, S. (2012). The impact of mobile technologies on distance education. *TechTrends: Linking Research & Practice to Improve Learning*, 56(6), 49-53. doi:10.1007/s11528-012-0614-0

Fuegen reviews many studies to examine the impact of mobile devices on distance education. She determines that traditional learning theories are as effective via mobile devices and that through proper training the potential cons of using such devices can be mitigated. Fuegen believes that mobile learning will have a place in distance education.

- 2) Gikas, J., & Grant, M. M. (2013). Mobile computing devices in higher education: Student perspectives on learning with cellphones, smartphones & social media. *Internet & Higher Education*, 19, 18-26. doi:10.1016/j.iheduc.2013.06.002

Gikas & Grant examined the role and effects of mobile devices and social media had on learning in a higher education setting. Their findings suggested that both positives and cons to using these devices existed. The positives seem to outweigh the negatives with enhanced learning opportunities through social media, web 2.0 tools, and increased connectivity while using mobile devices.

- 3) Lee, M. J. W., & Chan, A. (2007). Pervasive, lifestyle-integrated mobile learning for distance learners: An analysis and unexpected results from a podcasting study. *Open Learning*, 22(3), 201-218. doi:10.1080/02680510701619810

Lee & Chan propose a model of mobile learning that uses podcasting on MP3 capable mobile devices to achieve a higher level of learning than just a mobile learning app. Not only did their study return positive feedback, but their podcasts were also used in purposes not originally intended by Lee & Chan. They discuss the significance of their findings and potential implications for mobile learning such as that mobile learning can't quite replace a teacher completely, yet.

- 4) PEREIRA, O. R. E., & RODRIGUES, J. J. P. C. (2013). Survey and analysis of current mobile learning applications and technologies. *ACM Computing Surveys*, 46(2), 27:1-27:35. doi:10.1145/2543581.2543594

Pereira & Rodrigues conduct an intense examination of recent works in the field of mobile learning. They look for potential factors and gaps in implementation and harness them. They divide their analysis into two categories: apps from mobile app stores and stand-alone operating system programs.

- 5) VÁZQUEZ-CANO, E. (2014). Mobile distance learning with smartphones and apps in higher education. *Educational Sciences: Theory & Practice*, 14(4), 1505-1520. doi:10.12738/estp.2014.4.2012

Vázquez-Cano conducted a study to examine the use of apps on smart devices used in conjunction with professors and students in a university setting. The data was viewed from both the descriptive and quantitative methodologies. The data suggests that students really enjoy the apps dedicated to their courses and found increased interaction and collaborative works between professors and students.