Project Title: Using Mobile Learning Augmented Reality to Enhance Education in Clinical Skills and Clinical Placements.

Project Summary *(150 words maximum)*

This project seeks to build upon work developed using a previous 2013/14 nursing TLEF grant – "mLearning for Practice Skills; using augmented reality to enhance lab and clinical teaching". The earlier project (still in evaluation) successfully demonstrated benefits from using augmented reality (AR) to turn mobile devices such as smartphones into visual augmentation devices to virtually display and superimpose custom digital content in context with real-world objects in the lab. This new project will expand the use of AR to faculty and students from Genetic Counseling, Medicine (undergraduate program), Midwifery, Nursing, Occupational Therapy, Physical Therapy, and Speech Sciences. We will create virtual point of interest (POI) tags and AR content for equipment and documents used in clinical training, and for orientation at clinical practice sites. AR content will be accessed using the freely available "Layar" AR application. We will develop and evaluate this AR content with input from students and educators.