

TLIF funded projects 2015-2016

Name	Departmental Affiliation	Title of Proposal	Topic of Proposal
Dr Clare Allen	Department of Veterinary Medicine	E-portfolios to enhance student reflection in workplace learning environments	This project aims to pilot the use of student e-portfolios to document placement learning when off-site.
Dr Maximilian Bock	Department of Engineering	MaterialsPi: Materials science education tools for Raspberry Pi integrated student projects	This project aims to create an open-source teaching tool to support educators and learners using Raspberry Pi computers.
Dr Afzal Chaudhry, Mr Jay Mehta, Dr Richard Davies	School of Clinical Medicine	Development and deployment of a mobile app to collect student feedback	This project aims to review and refine the development of a mobile feedback app, for widespread deployment across a larger cohort.
Dr Ronan Daly	Department of Engineering	Project TATE (Tablet Assisted Teaching in Engineering)	This project aims to build on the success of a previous TLIF-funded trial of tablet teaching, using that data to provide a framework of considerations for the wider community who may be interested in implementing tablet-based teaching.
Dr Nicola Jones, Dr Priya Sastry, Mr William Mair, and Ms Nasima Ismail	Department of Medicine	Managing shortness of breath and chest pain: Online moulages and interactive role-playing scenarios for medical students and junior doctors	This project aims to develop online teaching tools to support medical students in the field. 20 scenarios will be developed within which students' decisions about treatment take them down alternative clinical narratives, with realistic and developing symptoms and test results delivered in real time.
Dr Ingrid Obsuth	Institute of Criminology	Building positive and inclusive learning cultures through a theory-	This project aims to pilot use of the Connect <sup>®</sup> programme, which

		based staff training programme	develops teaching staff's capabilities to connect with learners in ways that foster emotional well-being.
Dr Michael Ramage	Department of Architecture	Structural design principles: Diverse content for diverse minds	This project aims to develop a set of videos and interactive media that will draw on the 'flipped classroom' model to provide architecture students with introductory material and key concepts prior to lectures.
Prof John Richer and Dr Austen Lamacraft	Department of Physics	PyCav: Unifying undergraduate computation at the Cavendish	This project aims to integrate computational physics teaching and learning more closely into the existing courses in the Department of Physics by creating a coherent, cutting-edge curriculum based on the Python programming language.
Dr Chris Wingfield	Museum of Archaeology & Anthropology	Learning How to Look: Developing a Digital Teaching Collection for Archaeology	This project aims to create a digital repository of 3D images of objects from the Museum of Archaeology and Anthropology, to support the teaching of Archaeology students.