Teaching with Mobile Devices - Learning from Experiences

10th April 2014 2pm-4pm, C24 Sackville Street Building

Programme

1:45 Registration

2:05 Welcome: **Patrick O'Malley (Chair)**

2:10 Presentation 1: **Colin Lumsden**

2:30 Presentation 2: **Niels Walet**

2:50 eLearning team showcases: **Steve Wheeler** and **Dan Jagger**

3:00 Coffee Break and live demonstration stalls from eLearning team

3:20 Presentation 3: **Ian Miller**

3:40 Presentation 4: **Richard Kirkham**

4:00 Closing

Presentations (15 minutes presentation + 5 minutes Q&A)

1. **Teaching with iPads (Colin Lumsden, Manchester Medical School)**

Colin will present the Medical School iPad Project. The presentation will cover why the project was started, what challenges were faced, how they were overcome and what the outcomes have been to date. There will be an overview of the resources provided to students and how students have been using their tablets in the clinical learning environment.

2. **Teaching with tablet devices (Niels Walet, School of Physics and Astronomy)**

Niels will discuss the use of a tablet both in face-to-face teaching, and in preparing podcasts using a tablet. Specifically, he will discuss the choice between an iPad or Android device or even a Microsoft Surface Pro. He will explain why he chose the Samsung Galaxy Note 10.1, and demonstrate the use of this device plus ancillary technology. He will conclude by discussing the lessons learned in using this for 2 semesters, and will discuss what his ideal device would look like.

3. **Nearpod (Ian Miller, Faculty of Life Sciences)**

Nearpod is an app that allows teachers to prepare lessons that combine presentation, collaboration and assessment and then manage how that information is then shared on a student's mobile device. Teachers create a slide presentation using Nearpod and then embed video and add polls, quizzes

and activities. This presentation with all of its interactivity can then be delivered synchronously to a class using Nearpod or distributed as homework for asynchronous lessons. The results of any polls, quizzes, etc are stored for retrieval by the teacher later on to monitor student performance, opinion, etc.

4. **Teaching with mbClick (Richard Kirkham, School of MACE)**

The MSc Management of Projects programme is one of the largest in EPS. The programme attracts a diverse student body, mainly international, and this presents significant challenges for staff attempting to deliver the personalised learning agenda. This talk will look at the implementation of mbClick in the traditional lecture setting and explore some of the opportunities and challenges that the technology presents.

eLearning team showcases (5 minutes presentation)

1. **Augmented Reality Field Trip (Steve Wheeler, EPS eLearning team)**

Last summer we guided thirty members of the general public around the Hope Valley and Mam Tor, teaching them about the geology of the area. We did this by developing something called Discover Geology: An Augmented Reality Field Trip. Come and find out how we did it and how you can do something like it too.

2. **Linking the real world to the Digital world (Dan Jagger, EPS eLearning team)**

An overview of a recent elearning project where QR codes were used to link digital learning materials to Laboratory equipment.

During the break: opportunities to see…

1. **Nearpod**

Nearpod is an innovative collaboration tool for synchronised use of mobile devices in the classroom. It combines the presentations, and the assessment tools into a single integrated solution.

2. **Explain Everything**

Explain Everything is an easy-to-use design, screencasting, and interactive whiteboard tool that lets you annotate, animate, narrate, import, and export to various formats.

3. **eLearning team mobile project showcases**

Further Resources

- Mobile Teaching and Learning Article series from EPS eLearning team :
  http://is.gd/epsmlearning
- Mobile connectivity and Teaching and Learning in the University of Manchester:
  http://www.humanities.manchester.ac.uk/tandl/resources/mobile/