

Virtually there: a journey to the HKU Medicine Island for teaching and learning.



Joanna WY HO, Nai Sum WONG, Liang YIP¹, Lap-Ki CHAN², Mai Har SHAM
Department of Biochemistry, Department of Anatomy^{1&2}, and IMHSE²,
LKS Faculty of Medicine, The University of Hong Kong

Background

Followed by a survey conducted in 2012-13 (see below), a virtual island was constructed to facilitate student's learning of



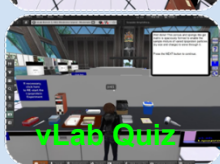
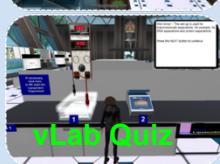
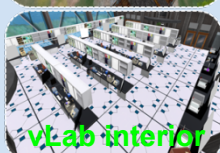
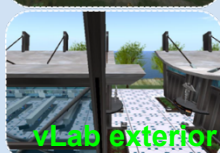
- abstract concepts and ideas in basic sciences;
- laboratory tests with patient scenarios.

The Survey

Table 1. Student's preferred mode of teaching and learning (5 = most like, 1 = least like)

Items	n	Mean	SD
Detailed lecture notes	792	4.00	0.97
PowerPoint presentations	793	3.78	0.92
Supplementary videos	791	3.60	0.99
Simulation-based activities in a virtual medical laboratory	791	3.12	1.04
Additional references and links	790	2.92	1.03
Interactive activities (such as group tasks, quizzes, etc) in classroom	790	2.82	1.05
Virtual games in an e-Learning platform	789	2.74	1.10
Interactive activities (such as group tasks, quizzes, etc) in an e-Learning platform	792	2.67	1.05
Discussion forum	767	2.47	0.98

The HKU Medicine Island



The Blended Classroom

Blending vLab activities with real lab activities

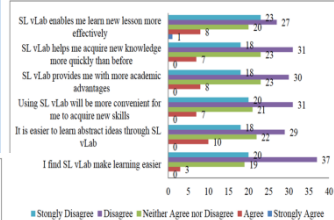
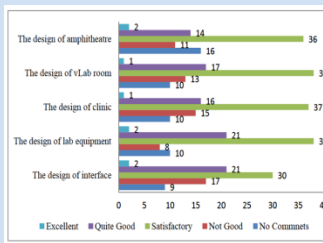


The Blended Pedagogy Aims to Promote :

- Constructivist learning
- Co-operative learning within the subgroup
- Peer-learning within the group
- Engagements within the practical session
- Timely feedbacks

Feedbacks on the vLab

😊 **Accepting the design...**



😐 **Accepting the virtual activities**

Technical & Financial Supports

Miss Tracy WU
Mrs Kulsum AMREEN
Mr Davis Kwok

Mr Brant KNUTZEN
Mr Liang YIP
Mr Ping KWAN

Mr David BURTON, Daden Limited

HKU's Teaching Development Grant (10100477)
HKU's Teaching Development Grant (101000500)