

**THE CHINESE UNIVERSITY OF HONG KONG**

**Micro-Module Courseware Development Grant**

**Scheme 1: Basic Scheme**

**Interim Report (2017-18) (Additional Call)**

Report due 31 August 2018.

Please return by email to [mmcd@cuhk.edu.hk](mailto:mmcd@cuhk.edu.hk)

**PART I**

Project title: Micro-Modules in Laboratory Safety

Principal supervisor: WONG, Fai George

Department / Unit: Chemistry

Project duration: From March 2018 to October 2018

Date report submitted: 3 August 2018

**1. Project objectives**

This project aims to produce micro-modules on laboratory safety. In the Chemistry Curriculum, students spend as much as 40% of their time in the laboratory. However, there is not a single course on laboratory safety. The micro modules produced will be used by the Year 2 Chemistry undergraduates. Throughout the development of the courseware, there hasn't been any change on the objectives and the project is on track.

**2. Progress on process, outcomes or deliverables**

So far, we have completed the production of two micro modules using the articulate storyline 2. The completed micro modules include chemical accident and emergency handling. These micro-modules are in the form of narrated lecture slides and animation. We have recently purchased the 360 camera for the production of VR micro module. It will take us some time to try out the camera. Based on the working schedule, by the end of the project period, at least three micromodules will be produced.

**3. Evaluation Plan**

The product will be evaluated by student questionnaires. The data will be analysed for improvements.

#### **4. Dissemination Activities (reports, websites, video links, products, etc.)**

The project will be disseminated at the CUHK Teaching and Learning Expo in Dec 2018. After the project completion, the platform will be uploaded to the Blackboard Learning.

Website for Chemical Accident

[http://www.cuhk.edu.hk/proj/science\\_resource/Lab\\_Safety/LabAccidents/internal/story.html](http://www.cuhk.edu.hk/proj/science_resource/Lab_Safety/LabAccidents/internal/story.html)

Website for Emergency Protocol

[http://www.cuhk.edu.hk/proj/science\\_resource/Lab\\_Safety/EmergencyProtocols/internal/story.html](http://www.cuhk.edu.hk/proj/science_resource/Lab_Safety/EmergencyProtocols/internal/story.html)