

# 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 for Integrated learning: Utilizing a Virtual Pharmacy Platform to build Students' Knowledge Base

Principal supervisor: Dr. Celeste LY Ewig

Department / Unit: School of Pharmacy, Faculty of Medicine

Project duration: From March 2018 to October 2018

Date report submitted: 30 August 2018

#### 1. Project objectives

- The project's objectives are:
  - Develop interactive modules (exercises) to be used in a virtual pharmacy platform where students could practice applying the skills and knowledge needed to dispense drugs in accordance with a prescription.
  - Demonstrate vertical integration of knowledge of teaching between Year 2 and Year 3 courses
  - Enable more classroom time dedicated to discussion of cases (flipped classroom settings)
  - Internationalize the learning process of CUHK students by using eLearning resources used by overseas pharmacy schools
- Currently, the project is on track to meet the objectives stated.

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

- The project currently has completed the following:
  - No. of **Year 2 modules** focusing on dispensing various formulations: 3, total of 10 exercises

Module	Topic	No. of Exercises	Description
1	Oral Formulations	10	Covers various oral formulations such as tablet, capsule, modified-release tablet, syrup, suspension, mouthwash and sublingual tablet
2	Topical Formulations	5	Covers various topical formulations such as cream, nasal ointment, eye &

			ear drops, patches
3	Others	5	Reviews the uses of inhalers, nasal sprays, enemas and suppositories

- No. of **Year 3 modules** focusing on Central Nervous System drugs: 2

Module	Topic	No. of Exercises	Description
1	Psychiatric Medications	4	Describes the application of concepts involved in the use of psychiatric medications among patients
2	Seizure Medications	1	Reviews the use of an anti-seizure medication in practice

- Tasks remaining:
  - Consolidating student feedback and overall project evaluation (to be conducted after introduction of the modules in Term 1, 2018-2019)
- Currently, the project is on track to meet the objectives stated.

### 3. Evaluation Plan

- Preliminary feedback have been obtained from a focus group of 10 Year 3 students who gone through and pilot tested 8 of the dispensing exercises created. Feedback on the platform and exercises was collected. Modification of the exercises is in progress. The remaining evaluation plan is scheduled for after the completion of the full project.

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

The virtual pharmacy platform MyDispense CUHK will be made accessible to the incoming Year 2 and 3 students in the upcoming school year 2018-2019 for project implementation.