How to Effectively Engage Students?

Ruibing WANG, ICMS CTLE Teaching Innovation Salon 2019 April 10, 2019



Teaching Philosophy

In teaching courses in Pharmaceutical Sciences and General Education (GE), I focus on two teaching goals: to pass knowledge and to inspire students, by constantly applying the following approaches.

Blended Learning



Medicine" Moodle Page 2018

Multisensory Learning



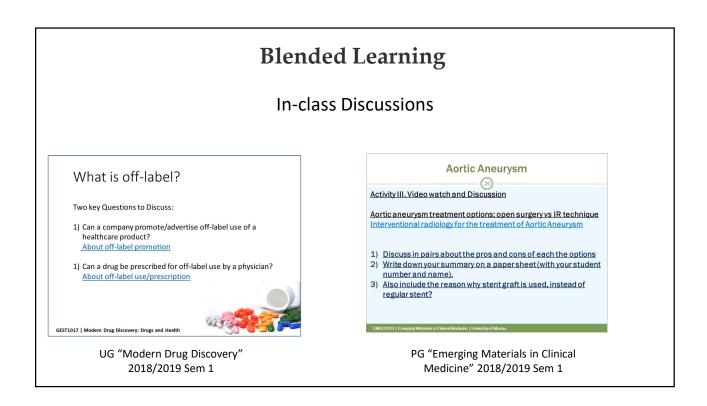
UG "Modern Drug Discovery" Lab Tour Nov. 2017

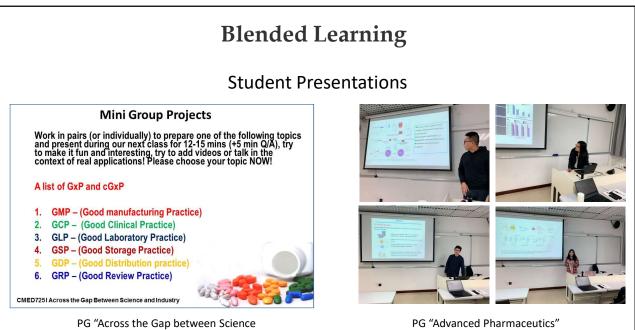
Practical Teaching



PG "Advanced Pharmaceutics" showing a pricy real-world Product!!! Feb. 2019

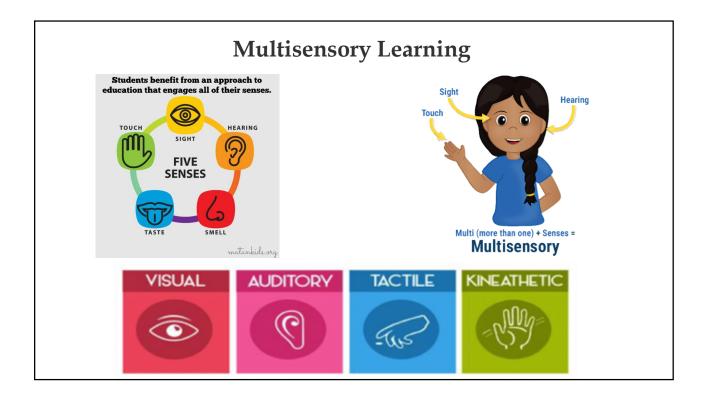
Blended Learning							
Component	Traditional Learning	Blended Learning					
Instructor Role	 Authority Assesses with quizzes, tests, and papers a few times a semester 	 Facilitator Guides students in learning Provides frequent feedback with many small assessments 					
Student Role	 Attend class Do homework Take tests Depend on instructor to cover material 	Individual or collaborative workMore responsibility for learning					
Learning Environment	 Class lectures Perhaps some material is posted or organized online 	 Class time shortened and/or used more for interactive learning activities Class activities partially online and partially face-to-face 					
Approach	Teacher-centeredPassiveIndividual	Learner-centeredActiveCollaborative					

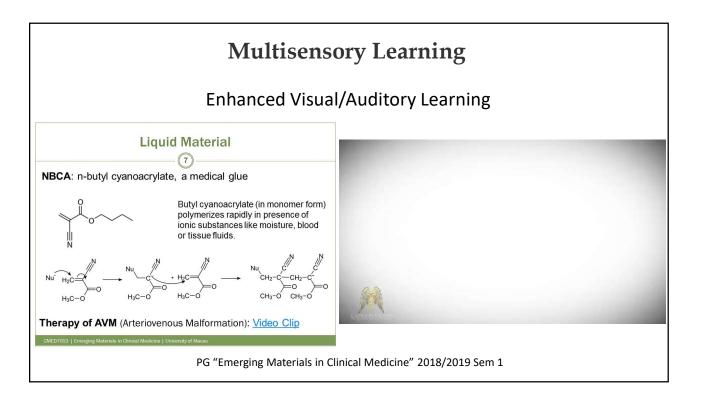


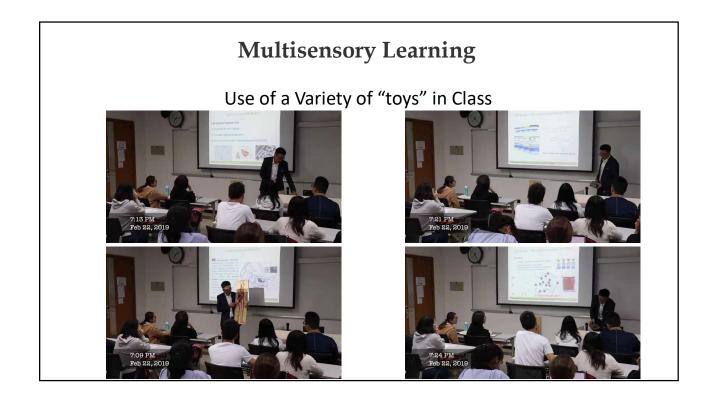


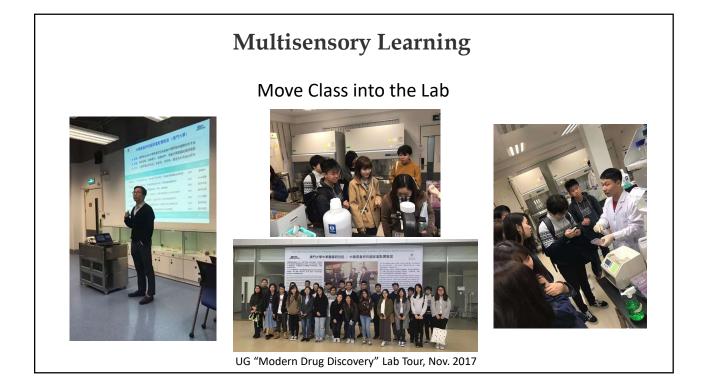
and Industry" 2017/2018 Sem 1

2018/2019 Sem 2



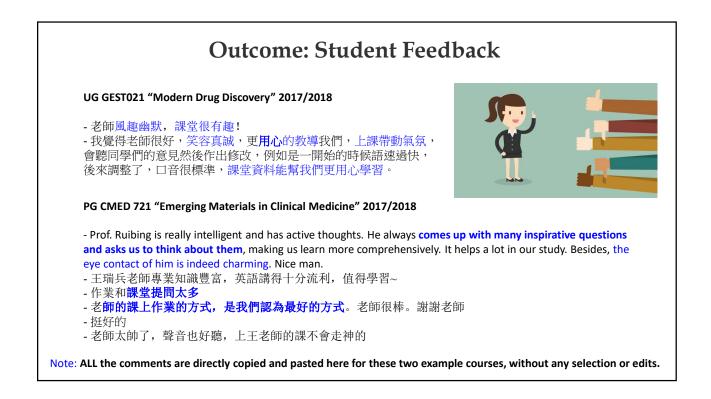


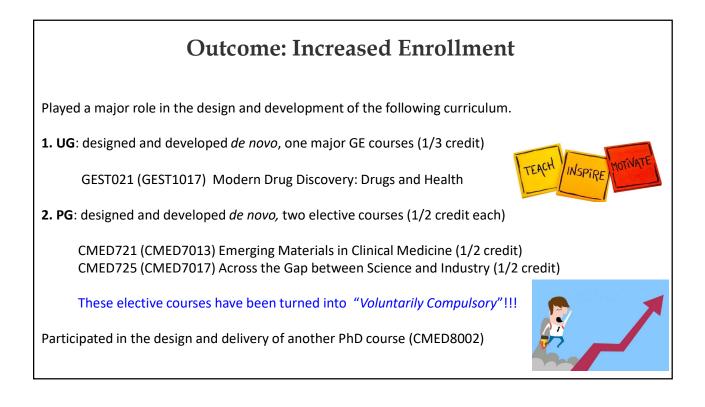






		Course Code - Section	Level (PG/	G/ No. of	% of Teaching load for this section	No. of students enrolled	About the course		About the instructor/supervisor			Teaching effectiveness	
			ŬĠ				Individual Mean (SD)	Dept. Mean (SD)	Faculty Mean (SD)	Individual Mean (SD)	Dept. Mean (SD)	Faculty Mean (SD)	report response %
AY 2018/19	1 st sem	CMED7013	PG	3	50	21	4.9 (0.3)	4.7 (0.16)	4.7 (0.16)	4.9 (0.3)	4.7 (0.15)	4.7 (0.15)	100%
		GEST1017	UG	3	34	50	4.2 (0.63)	4.2 (0)	4.2 (0)	4.3 (0.63)	4.28 (0)	4.28 (0)	89.8%
AY 2017/18	1 st sem	CMED721	PG	3	50	12	4.75 (0.45)	4.5 (0.21)	4.5 (0.21)	4.83 (0.39)	4.53 (0.22)	4.53 (0.22)	100%
		GEST021	UG	3	34	50	4.06 (0.69)	4.06 (0)	4.06 (0)	4.21 (0.69)	4.17 (0)	4.17 (0)	68%
	2 nd sem	CMED725	PG	3	34	11	4.45 (0.52)	4.47 (0.22)	4.47 (0.22)	4.64 (0.5)	4.52 (0.21)	4.52 (0.21)	100%
		CMED805	PG	3	25	4	5 (0)	4.67 (0.23)	4.67 (0.23)	5 (0)	4.79 (0.12)	4.79 (0.12)	100%
AY 2016/17	2 nd sem	CMED721	PG	3	50	16	4.6 (0.51)	4.37 (0.28)	4.37 (0.28)	4.8 (0.41)	4.39 (0.22)	4.39 (0.22)	93.75%
		CMED725	PG	3	34	7	4.71 (0.49)	4.37 (0.28)	4.37 (0.28)	4.86 (0.38)	4.39 (0.22)	4.39 (0.22)	100%
		CMED805	PG	3	25	8	4.13 (0.83)	4.32 (0.5)	4.32 (0.5)	4.38 (0.74)	4.54 (0.28)	4.54 (0.28)	100%





	IOU UANG Vi	Start 2015.06 2017.06 2018.06	Completion 2015.08 2017.08	University of Macau, Macau University of Macau, Macau				
Ruige Y Gudrun Ma	ζi			University of Macau, Macau				
Gudrun Ma		2018.06						
	artinz		Vi 2018.06 2018.08 University of Macau					
Greg Andr	Gudrun Martinz		2015.08	University of Vienna, Austria				
Greg Andrews		2016.07	2016.09	University of Glasgow, UK				
Heda Jakubuv		2017.07	2017.08	University of Chemistry and Technology, Czech Republic				
Rosa Nascin	mento	2018.08	2018.10	New University of Lisbon, Portugal				
Emily Man Ie	eng Lao	2018.08	2018.09	University College London (UCL)				
	From the New Jo	journal: ournal of Chemistry		Full Paper 1 Full Access				
Supramolecular encapsulation of benzocaine and its metabolite <i>para</i> -aminobenzoic acid by cucurbit[7]uril				Alleviation of Hepatotoxicity of Arecoline (Areca Alkaloid) by a Synthetic Receptor Shengke Li, Xue Yang, Yanan Niu Greg L. Andrew, Dr. David Bardelang, Prof. Xiuping Chen, Prof. Ruiling Wang &				





