



IMHSE NEWS

Issue 3: August 2013

The newsletter of the Institute for Medical and Health Sciences Education
www.imhse.hku.hk

Institute of Medical and Health Sciences Education

Welcome to the August 2013 issue of the IMHSE newsletter to inform and update colleagues about faculty news related to education. In this issue we will be sharing highlights of recent events, spotlights on recent achievements and 'Tips for Teachers' which will focus on articles or reviews related to better teaching practices.

Highlights in this issue include:

- Faculty and University teaching awards ceremony
- Highlights from the 7th Asian Medical Education Association conference in Ulaanbaatar, Mongolia
- Spotlight on Dr Lap Ki Chan - recipient of the University Outstanding Teacher Award for 2012
- Update on the guidelines for IMHSE conference and matching grants for education-related research
- Events hosted by the Research & Scholarship, Teaching & Learning and Assessment, and Exchange of Best Practices groups

UNIVERSITY & FACULTY TEACHING AWARDS



From left : Dr. Janice Tsang (Department of Clinical Oncology), Dr. LK Chan (IMHSE & Department of Anatomy), Prof. CS Lau (Director of IMHSE), Dr. Jenny Lam (Department of Pharmacy and Pharmacology), Dr. Julie Chen (IMHSE & Department of Family Medicine and Primary Care).

Award ceremony for Outstanding Teacher Awards and Faculty Teaching Medals March 27 2013

The awards ceremony to present the 2012 Faculty Teaching Medals and University Outstanding Teacher awards was held on March 27, 2013 at Lok Yew Hall. Faculty Teaching Medals were established to identify, recognize and reward Faculty members and honorary teachers who are excellent in teaching or in the promotion of good practice in teaching. The Teaching Excellence Award Scheme aims to recognize, reward and promote excellence in teaching at the University and colleagues who have demonstrated excellence in teaching and curriculum development for the Outstanding Teaching Awards. Faculty of Medicine Teaching Medals were awarded to Dr. Janice Tsang (Department of Clinical Oncology), Dr. Jenny Lam (Department of Pharmacy and Pharmacology) and Dr. Julie Chen (IMHSE & Department of Family Medicine and Primary Care). Dr. Lap Ki Chan (IMHSE & Department of Anatomy) was the recipient of the prestigious University of Hong Kong's Outstanding Teacher Award 2012 (read more in 'Spotlight on Dr. LK Chan').



Seventh Symposium of the Asian Medical Education Association (AMEA)

"Evaluation of the Medical Education: Present and the Future", Health Sciences University of Mongolia, Ulaanbaatar, Mongolia June 9-12, 2013



From left: Prof. YS Chan, Prof. LC Chan, Dr. Weng Yee Chin, Dr. Julie Chen, Ms. Michelle Pun, Ms. Alison Chu, 魏東海教授 (廣州醫學院副校長), Dr LK Chan.

Since its establishment, AMEA has organized six international symposia on medical education in Asia. The seventh symposium on the theme of 'Evaluation of Medical Education: past and future' provided a forum for the delegates to share good practice and experience in medical education reform, research, and teaching pedagogy development, shedding light on the direction of advancement in Asian medical education in the twenty-first century. The next meeting will be held in Newcastle, Australia in 2015.

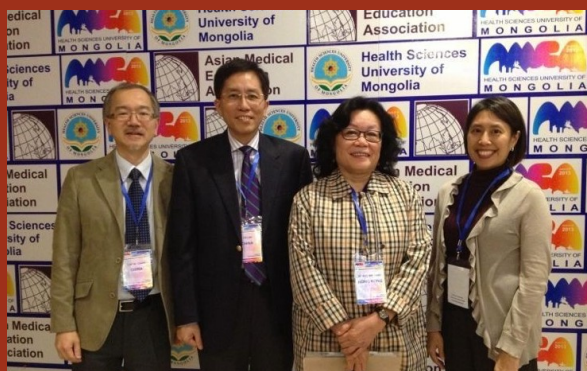
The seventh biennial symposium of the Asian Medical Education Association was held in Ulaanbaatar, Mongolia renowned for being known as the land of 'endless blue skies.' Our Faculty's delegates enjoyed the sunny weather and fascinating cultural delights offered by the organizing committee.

Did you know that the first AMEA symposium was hosted by the Li Ka Shing Faculty of Medicine, HKU in 2001?

Since its inauguration in 2001, AMEA has been upholding its mission to serve as an important platform to foster exchanges and interactions among medical schools/ institutions across the Asian-Pacific region. It now has over 140 member institutions involved. For the last 12 years, Professor Grace Tang of The University of Hong Kong has continuously held the post of Chairman of the Management Committee.



Prof. Grace Tang, Chairman of AMEA gives the opening address at the opening ceremony of the 7th Symposium of the Asian Medical Education Association



From left: Dr Lap Ki Chan, Prof. YS Chan, Prof. Grace Tang, Dr. Julie Chen



RESEARCH AND SCHOLARSHIP PROGRAMME

The aim of IMHSE's Research and Scholarship Program is to offer advice and support to staff on educational research topics, to assist and mentor Faculty members in submitting grant proposals for educational research, to advise on current trends, literature and innovations in medical education, and to stimulate interest in research related to medical and health sciences education.

R&S Seminar April 22 2013

Evaluation of the Flipped Classroom at the LKS Faculty of Medicine

Flipping the classroom, a term synonymous with Professor Eric Mazur at Harvard University and Salman Khan of the now very well-known Khan Academy, involves delivering relevant and concise video materials to students prior to a class or lecture hall session.

Class time is then utilized to encourage instructor-peer interaction with focus on application of theory to workable examples and case problems. From a medical education perspective, there has been limited research examining the outcomes and impact of such a platform.

Dr Neel Sharma (Honorary Tutor with the IMHSE) together with Mr Darren Harbutt (Instructional Designer in the eLearning Pedagogical Support Unit of the HKU CETL) presented a pilot test 'flipping' one of Prof C.S Lau's whole class sessions on rheumatology. Using a mixed-method design, the investigators were able to identify the barriers and benefits of this innovative pedagogical approach, and described the students' feedback to Prof Lau's 'flipped' class.



Mr Darren Harbutt, (CETL) explaining the technical aspects of 'flipping' a classroom,

What is a Flipped Classroom?

THE FLIPPED CLASSROOM Turning Traditional Education on Its Head

Many educators are experimenting with the idea of a flipped classroom model. So what is it and why is everyone talking about it?

WHAT IS THE FLIPPED CLASSROOM?

The flipped classroom inverts traditional teaching methods, delivering instruction online outside of class and moving "homework" into the classroom.

THE INVERSION

The Traditional Classroom
Teacher's Role: Sage on the Stage
LECTURE TODAY
Homework: Reading and practice for tomorrow

The Flipped Classroom
Teacher's Role: Guide on the Side
ACTIVITY TODAY
WATCH lecture before tonight

Image courtesy of <http://net.educause.edu/ir/library/pdf/eli7081.pdf>

The flipped classroom is a pedagogical model in which the typical lecture and homework elements are reversed. Short video lectures are viewed by students at home before the class session, while in-class time is devoted to exercises, projects, or discussions. The notion of a flipped classroom draws on such concepts as active learning, student engagement, hybrid course design, and course podcasting. The value of a flipped class is to reallocate class time into time where students can ask questions, test their skills in applying knowledge, and interact with one another in hands-on activities. During class sessions, teachers function as coaches or advisors, encouraging students in individual inquiry and collaborative effort.

From: <http://net.educause.edu/ir/library/pdf/eli7081.pdf>



Teaching & Learning and Assessment Development

The TLAD program focuses on developing, and capitalizing on, innovations in teaching and learning brought about by ongoing educational reform as well as advances in the realm of healthcare education. TLAD takes an academic approach toward enhancing various aspects of teaching and learning including instructional design, student assessment, small group teaching, clinical teaching, case writing and e-learning strategies through collaboration, consultation and research.

TLAD Seminar April 18 2013

"How Doctors Think" – Brown bag seminar on Medicine, Philosophy and Psychology

Professor David Yu, Graduate of HKU (MBBS 1966) and Emeritus Professor of Medicine, Rheumatology, UCLA has spent at least 40 years of his career as a scientist and an academic rheumatologist. For the past three years, he has practiced as an internist in a municipal hospital in China. The presentation was based on his observations of how patients respond to the physician thinking processes among

"If you suddenly develop an excruciatingly intolerable headache or any such symptoms, the clinical decision of your doctor, usually generated within a few minutes, might play a crucial turning point in the rest of your life." Dr David Yu

the diverse cultures of Hong Kong, U.S. and mainland China; among elite and popular cultures; among brilliant diagnosticians and among drone-like physicians. The presentation was a philosophical and psychological critique of how a doctor arrives at clinical judgments, and whether we are equipping our new generation of doctors with the desired quality of thinking processes.



Exchange of Best Practices

Sun Yat Sen University Summer Camp July 6-21, 2013

Over the summer, Dr. NS Wong (Department of Biochemistry) accompanied 11 of our students to the SYSU Summer camp in Guangzhou, China. The aim of this annual event is to enable students of the health professions in HK and Macau to develop a sense of cultural identity and unity with Mainland China. This is achieved through visiting places of great historic interest and by working together with students from China to develop friendship and mutual understanding between the three places. Students also participate in voluntary work, such as teaching local secondary students. In recent years the main theme has focused on Dr Sun Yat Sen himself. There are now plans of expanding the scale of this exchange to include the establishment of short term internships.





SPOTLIGHT

Dr Lap Ki Chan—Recipient of the HKU 2012 Outstanding Teacher Award

Associate Professor Lap Ki Chan, better known as “LK” has been a quiet achiever. Currently holding the posts of Assistant Dean (Paedagogy) as well as the Deputy Director of IMHSE, this quietly spoken orthopedic surgeon turned anatomist and educator has authored dozens of papers on medical and health sciences education. He is a HKU medical graduate with a PhD from Duke University whose educational interests span broadly from PBL to OBASL, from e-Learning to language in learning, however his true passion lies in the teaching of anatomy to students. He has been very active in promoting the HKU Department of Anatomy’s Body Donation program to increase the number of cadavers available for education and research. Dr Chan has also been active in knowledge exchange with colleagues working in educational institutions in Mainland China. To help overcome some the barriers encountered in promoting health sciences education and pedagogical innovation in China he has also published extensively in Chinese language journals. Despite his very full Faculty, Departmental and IMHSE portfolios, he continues to work tirelessly with collaborators to enhance health sciences education internationally.

"I am an anatomist who likes to teach. I guide my students to appreciate the beauty and the utility of anatomy. Using a variety of pedagogical methods, I hope to make anatomy more interesting, memorable and useful to students. As a surgeon, I change the anatomy of the body. But as a teacher, I change the minds of my students, a task that I see as much more difficult, but has far reaching results."

Dr Lap Ki Chan (2013)



Dr LK Chan, recipient of the 2012 University Outstanding Teacher Award receiving his award with fellow IMHSE Colleague Dr Julie Chen, recipient of a 2012 Faculty Teaching Medal.



Dr LK Chan pulling his gut out for the students: an apron for teaching the mid-gut rotation

TIPS FOR TEACHERS

USEFUL LINKS AND REFERENCES FOR MEDICAL AND HEALTH SCIENCES TEACHERS



Did you know that you can apply to IMHSE for conference attendance and matching/ top-up research grants related to medical and health sciences education?

IMHSE Conference Funding Support

- For national/ regional conferences (in Mainland China/ other countries in the Asia-Pacific region): maximum award up to HK\$7,000
- For international conferences (outside the Greater China and the Asian-Pacific region): maximum award up to HK\$16,500

IMHSE Research Matching Grants

To be eligible for the matching fund for research undertakings (applicable to projects related to medical and health sciences education), the conference support and the research postgraduate studentship under IMHSE, applicants must follow the below research proposal submission procedures to register their research proposals with IMHSE and receive the endorsement from the Director of IMHSE or his delegates before submission of any formal applications for research funding/grants. No retrospective application is accepted.

For more information please contact please contact the Secretariat (Ms Alison Chu/ Ms Michelle Pun) of the Faculty Office (fax: 2816-2293 or email: mpun@hku.hk).

Teaching medical students using role play: Twelve tips for successful role plays

Beres Joyner and Louise Young. *Med Teach* 2006, Vol. 28, No. 3, 225-229 (doi:10.1080/01421590600711252)

Role-play training programs for medical students have been found to improve students' skills in history-taking and in integrating information into plausible diagnoses. It also provides opportunity for rapid and timely feedback and is a powerful method of self-discovery and self-understanding for both role players and observers. It is ideally suited to medical students practicing their clinical, diagnostic and patient-management skills. Roleplaying is a continuous, interactive, dynamic teaching approach that engages students in meaningful learning. This paper provides 12 tips on how to create a meaningful learning experience for medical students:

Extracted from: <http://informahealthcare.com/doi/full/10.1080/01421590600711252>



MBBS III students learning problem solving skills through role-play with patient support group volunteers



"The very first step towards success in any occupation is to become interested in it."

Sir William Osler

SPOTLIGHTS

RECENT PUBLICATIONS AND PRESENTATIONS

PRESENTATIONS & PUBLICATIONS

Chan LC. How do we assess humanistic values in medical education. 7th Asian Medical Education Associations Conference, University of Mongolia, Ulaanbaatar, Mongolia, June 10-13 2013.

Chan LK, Uhlmann M, Li W. Implementation of a competency-based global faculty education program. The 10th Asia Pacific Medical Education Conference, 19-20 January 2013. Singapore. Shortlisted for Best Oral Presentation.

Chan LK, Tse SK, Soo YC. Survey of the local language needs for an English medical undergraduate programme. The 10th Asia Pacific Medical Education Conference, 19-20 January 2013. Singapore.

Chen JY, Chan LC. Medical educators rush in where biomedical teachers fear to tread - developing a medical humanities core curriculum. Association for Medical Education in Europe (AMEE), Prague, August 2013

Chen JY, Potash JS, Lam CLK, Chau VTW. Art making in a Family Medicine Clerkship: How does it affect student empathy? Hong Kong Primary Care Conference, Hong Kong

Chen JY, Potash JS, Lam CLK, Chan LC. The impact of an art-making workshop on medical student empathy" 7th Asian Medical Education Associations Conference, University of Mongolia, Ulaanbaatar, Mongolia, June 10-13 2013.

Chin WY, Chen J, Wong, D, Chau V. Exploration of community teachers' perceptions regarding community-based teaching and learning. 7th Asian Medical Education Associations Conference, University of Mongolia, Ulaanbaatar, Mongolia, June 10-13 2013.

Chin WY, Chen J, Wong, D, Chau V. Engaging family doctors to participate in curriculum development of undergraduate community-based learning. Hong Kong Primary Care Conference, June 16 2013

Hmelo-Silver C, Khurana CA, Lajoie SP, Lu J, Wiseman J, Chan LK, Ilian Cruz-Panesso. Using Online Digital Tools and Video to Support International Problem-based Learning. The 46th Hawaii International Conference on System Sciences (HICSS) 7-10 January 2013. Hawaii.

Lajoie SP, Cruz-Panesso I, Summerside C, Poitras E, Hmelo-Silver C, Wiseman J, Lu J, Chan LK, Kazemitabar M. The role of interpersonal interactions in emotional regulation in medical student learning. The 15th biennial EARLi Conference for Research on Learning and Instruction (EARLi: European Association for Research on Learning and Instruction), 27-31 August, 2013, Munich, Germany.

Lajoie SP, Cruz-Panesso I, Summerside C, Kazemitabar M, Poitras E, Wiseman J, Hmelo-Silver C, Lu J, Chan, LK. 2013. Technology Rich Learning Environments to Support Emotional Regulation: A case study of the Relationship between Physician Regulation and Patient Coping. The 2013 AERA (American Educational Research Association) Annual Meeting, 27 April – 1 May, San Francisco, California.

Leung G. Patient Safety Culture Among Medical Students in Singapore and Hong Kong. The 10th Asia Pacific Medical Education Conference, 19-20 January 2013. Singapore.

Leung A. Learning health literacy via online learning system among university students in Hong Kong. 20th IAGG World Congress of Gerontology and Geriatrics in Korea. June 2013

Potash J, Chen JY. Art-mediated peer-to-peer learning of empathy. Clinical Teacher (in press)

Tanner, J.A., Bevan, S.J., Cheng, L.Y., Chan, W.L. & Wong, B.C. Promoting deep learning in biochemistry by diversifying assessment strategies – experience at the University of Hong Kong. FEBS Congress 2013 "Mechanisms in Biology", St. Petersburg, Russia. FEBS J 280 (Suppl.1) SA04-8, 626 (2013)

IMHSE NEWS welcome contributions from all members of the Faculty. If you have an article, project, presentation or publication related to medical or health sciences education which you would like to share please contact Dr Weng Yee Chin (chinwy@hku.hk).

SAVE THE DATE

UPCOMING EVENTS & ACTIVITIES



UPCOMING MEETINGS

December 6-7, 2013 Frontiers in Medical and Health Sciences Education Conference, Li Ka Shing Faculty of Medicine, HKU.

****See below for more details.****



CIMHSE Modules on offer for 2013



- Curriculum Planning & Development
- Best Practices in Teaching & Learning
- Written & Practical Assessment
- Student & Peer Evaluation of Teaching
- Problem-based Learning
- Independent Study Module

****Now accepting enrollments for Semester 1 to start on Jan 17 2014 ****

For more information see www.imhse.hku.hk/cimhse.

- **November 1-6, 2013** Association of American Medical Colleges (AAMC) Annual Meeting, Philadelphia, Pennsylvania.
- **Jan 15-19, 2014** Asia Pacific Medical Education Conference (APMEC), National University of Singapore
- **February 22 - 23, 2014** Innovations in Medical Education Conference 2014 Keck School of Medicine of University of Southern California.
- **April 25-29, 2014** 16th Ottawa Conference, Ottawa, Canada

Frontiers in Medical and Health Sciences Education

From Classroom to Clinic: Opportunities and Challenges in e-Learning

December 6-7, 2013



Visit: <http://www.imhse.hku.hk/v2/frontiers2013/>

**Now open for
registrations
and abstract
submission**



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