



IMHSE NEWS

Issue 2: February 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 February 2013 issue of our quarterly 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:

- Frontiers In Medical and Health Sciences Education Forum on inter-professional education
- Introduction to new members of our IMHSE team
- Spotlight on Dr Christopher See winner of the Famelab Hong Kong competition
- Tips for Teachers in this issue focuses on tips to improve bedside teaching

Exchange of Best Practices Programme

Frontiers in Medical and Health Sciences Education Forum *Perspectives on Interprofessional Learning in Healthcare Professions*



From left : Dr LK Chan, Prof Lam Tai Pong, Prof Richard Fielding, Prof CS Lau, Dr Grace Szeto, Dr Susan Bridges, Prof YS Chan, Dr Daniel Chu, Dr Angela Leung, Dr Julie Chen



Patients want their healthcare professionals to interact and engage with each other in a collaborative and cooperative fashion in the hope of getting the best care possible. Inter-professional learning has been advocated as one such means to improve efficiency and quality of care. How do doctors, nurses, pharmacists, psychologists, social workers, physiotherapists, dentists and others on a healthcare team learn to work together? What is the nature of such collaborative learning? How effective has it been? How can the learning be facilitated at different levels of education? This interdisciplinary event hosted by IMHSE's Exchange of Best Practices Group drew on the expertise and experience of speakers from a cross section of disciplines including Prof. Richard Fielding (School of Public Health, University of Hong Kong), Dr. Susan Bridges (Faculty of Dentistry, University of Hong Kong), Dr. Daniel Chu (Hospital Authority, Hong Kong West Cluster) and Dr. Grace Szeto (Department of Rehabilitation Services, Polytechnic University) to explore these questions and to illuminate the possibilities and pitfalls of inter-professional learning in Hong Kong. A panel discussion followed, which brought up concerns, challenges and ideas for the way forward.



STAFF AND PROFESSIONAL DEVELOPMENT ACTIVITIES

The aim of IMHSE's Staff & Professional Development Program is to enhance the professional development and academic advancement of doctors, nurses and basic scientists as educators through structured workshops and consultations. In recent months a number of guest speakers have been invited to provide the latest updates on teaching and learning support to our staff.

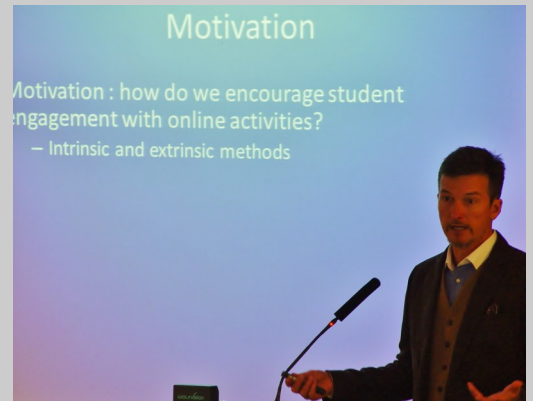
What should you do when your students do not take part in learning during class (but instead do something else like talking on the phone or surfing the internet)?

Dr Aaron Siu, a teaching consultant from the Faculty of Education lead a forum to discuss issues surrounding classroom management. This event, held on December 13, 2012, which attracted teachers of various backgrounds provided an opportunity to share views and experiences related to student behavior in classroom settings.

AARON SIU SEMINAR ON CLASSROOM MANAGEMENT



Participation Forum online discussion as a formative learning activity in Problem-Based Learning



BRANT KNUTZEN INTRODUCING THE PARTICIPATION FORUM, A NEW MOODLE PLUGIN

Learning designer Brant Knutzen of the Faculty of Education conducted a seminar on January 11, 2013 to introduce a new MOODLE forum plug-in, the Participation Forum, which can help to increase tutorial group participation and collaboration via on-line discussion activities. He discussed intrinsic and extrinsic ways to motivate student learning.

“Good dialogue elicits those activities that shape, elaborate and deepen understanding”

John Biggs 1999



Lunchtime discussion sessions with Professor Paul Engel

Professor Paul Engel, Emeritus Professor of Biochemistry, University College Dublin led two lunchtime discussions. On November 1, 2012, Prof Engel hosted a discussion on 'Pain-free Biochemistry' to introduce and invite dialogue on key issues in accessing and presenting biochemistry. On March 11, 2013 Prof Engel hosted a second lunchtime discussion on 'Achieving best learning outcomes together for our medical students.' The discussion centered around specific teaching problems when teaching basic sciences to medical students. Examples of questions posed included “how to use a student-centered approach?”, “how do we ensure that learners acquire a solid basic understanding?”, and “do we do enough to make sure that the pieces of the jigsaw fit together?”



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 Sharing Session January 14 2013

Needs analysis for a Chinese language course in the MBBS programme

Dr LK Chan shared with us his findings from his study on the challenges which our MBBS students encounter in using Chinese language in clinical practice after receiving their training using English as the medium of instruction.

The Art of Empathy: What impact does an art-making workshop have on medical student empathy and self-awareness?

In this presentation, Dr Julie Chen from IMHSE and Dr Jordan Potash from the Centre on Behavioural Health described an art workshop for Year 3 medical students aimed at enhancing empathy and self awareness through a guided art therapy workshop. Student art works and writings produced from these workshops were shared in a stunning visual display.

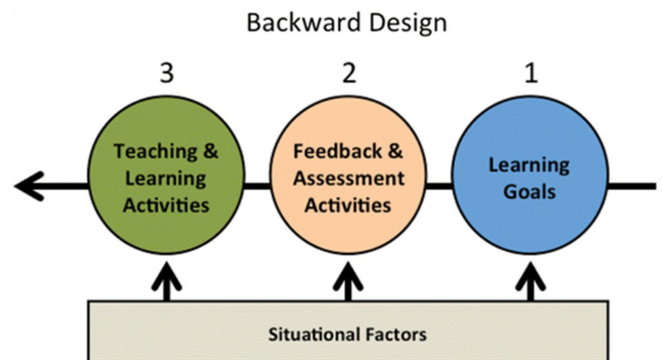
EXAMPLES OF STUDENT OUTCOMES FROM THE ART THERAPY WORKSHOP



R&S Sharing Session March 4 2013

TBL vs. PBL

Team-based learning (TBL) was originally implemented in the business field as a way to encourage active learning and teamwork within class. Since 2001, TBL has slowly been making its way into the field of medical and health sciences education with positive outcomes. Dr Neel Sharma, Honorary Tutor with IMHSE gave this talk with the aim of highlighting TBL, how it differs from PBL and how it may be implemented as an alternate form of pedagogy.



Be a good listener - Listening to patient's narratives on pain and suffering

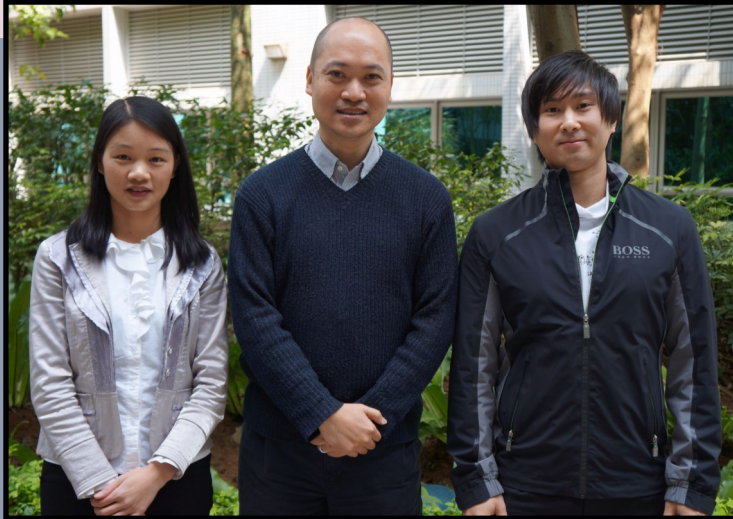
Dr Janice Tsang from the Department of Clinical Oncology gave a presentation to share their experience of how the Department has introduced a pilot programme of Patients Narratives to the MBBS IV students during their Inter-disciplinary Block. After the results of the pilot showed its powerful effect on transforming student attitudes, this meaningful programme has subsequently been embedded as part of the formal curriculum.



INTRODUCTIONS

NEW MEMBERS OF THE IMHSE TEAM

Recently we have had a number of new members join the IMHSE team including our two postgraduate students Dr Christopher See and Dr Ying Li (Lilly) Wu, as well as Dr Neel Sharma who is spending the year with us as an honorary tutor for IMHSE. In addition, we would like to introduce Mr Namkiu Chan who joins IMHSE as a senior research assistant.



New IMHSE team members (from left): Dr Lilly Wu, Mr Namkiu Chan and Dr Christopher See

Lilly graduated from Sun Yat Sen University and is doing a MPhil project related to the use of Chinese medical terms in communication with the local population in Hong Kong.

Chris graduated from Trinity College in Cambridge and is doing his PhD studies on the application of digital technology in education, focusing on cognitive learning processes in video.

Namkiu is a Hong Kong University graduate with a background in information technology. His research interests include epistemological beliefs, pedagogical content knowledge, and blended learning.

AWARDS

OUTSTANDING ACHIEVEMENT BY DR CHRISTOPHER SEE WINNING FAMELAB HK.



Famelab is a science presenting competition, where university students and academics under 35 are invited to the stage of the Hong Kong Science Museum and are given just 3 minutes to explain scientific research to a panel of experts as well as a large public audience. This year, around 70 scientists attended the first round audition, and from this group 10 finalists are selected. The finals, again at the HK Science Museum, drew a large audience and required finalists to give a new talk followed by questions and answers from the panel.

IMHSE PhD student Dr Christopher See gave two talks; the first talk on 'deadly nightshade, atropine and the eye', and the second on 'neurotransmitters and synaptic fatigue in everyday life' for which he was awarded the grand prize of \$5500 prize money and a return flight to the UK to represent Hong Kong this June at the Cheltenham Science Festival in the UK, one of the largest global public engagement events for scientists, where 30 countries each send one representative to compete for the Famelab International Finals. The competition received coverage in local newspapers and Dr See has been invited to give his talk again at an award ceremony for HKU students winning external awards on April 20th.

Famelab is sponsored by the British Council. For more details, see <http://www.britishcouncil.org/hongkong-creativity-and-society-science-famelab-news.htm>.

TIPS FOR TEACHERS

USEFUL LINKS AND REFERENCES FOR MEDICAL AND HEALTH SCIENCES TEACHERS



Did you know that you can access a number of useful teacher support links via the IMHSE website.

See www.imhse.hku.hk and click on the 'resources' tab to access:

- Information on upcoming grants;
- Information on upcoming education conferences;
- Links to key medical and health sciences education journals;
- Staff and professional development tips
- Education Matters in the Medical Faculty News

SPOTLIGHTS

RECENT PUBLICATIONS AND PRESENTATIONS

PUBLICATIONS

Chen JY, Wong WCW, Chiu BCF (2012). **Strengthening evidence-based medicine in Family Medicine.** Hong Kong Medical Journal 18 (6) 540-541.

Mak KK, Yiu YF, Ko KL, Hui KS, Mak KM, Mak LY, To WP, Wu KH, Yeung F, Lee PP (2012). **Attitudes and perceptions of influenza vaccination among Hong Kong doctors and medical students before the 2009 pandemic.** European Journal of Public Health. [Epub ahead of print].

Tarrant M, Ware J (2012). **A framework for improving the quality of multiple choice assessments.** Nurse Educator 37 (3) 98.

Mak KK, Yiu YF, Ko KL, Hui KS, Mak KM, Mak LY, To WP, Wu KH, Yeung F, Lee PP (2012). **Self-perceived preparedness for dental practice amongst graduates of The University of Hong Kong's integrated PBL dental curriculum.** European Journal of Dental Education 16(1) e96-e105.

PRESENTATIONS

Lajoie, SP, Lu J, Hmelo-Silver C, Cruz-Panesso I, Ranellucci J, Wiseman J, Chan LK. (2012). **Technology Triggers For Caring: Examining Affect While Learning To Communicate Bad News To Patients.** Paper presented at the 2012 American Educational Research Association Annual Meeting, Vancouver, Canada.

Tarrant, M., & Chan, SLP. (2012). **Implementation and evaluation of podcasts as an educational tool in undergraduate nursing education.** Paper presented at the NEYNep 2012: 4th Nurse International Nurse Education Conference, International Nurse Education Conference, Baltimore, USA.

Twelve tips to improve bedside teaching

Ramani S. *Med Teach* 2003; 25 (2): 112-115
(doi:10.1080/0142159031000092463)

Many benefits of bedside teaching have been described in the literature including teaching history and exam skills, clinical ethics, humanism, professionalism, communication skills and role-modeling to name a few. Despite this, the frequency of bedside rounds is decreasing and it is believed that this is a major factor causing a sharp decline in trainees' clinical skills. This 'twelve tips' paper summarizes into 12 steps, strategies (with detailed descriptions and exemplars) which can be used to help guide clinical teachers optimize student learning before, during and after teaching ward rounds and "facilitate a return to bedside for clinical teaching."

"In what may be called the natural method of teaching, the student begins with the patient, continues with the patient and ends his study with the patient, using books and lectures as tools, as means to an end. For the junior student in medicine and surgery it is a safe rule to have no teaching without a patient for a text, and the best teaching is that taught by the patient himself."

Sir William Osler,
Address to the New York Academy of Medicine, 1903

Tarrant, M., & Chan, SLP. (2012). **Implementation and evaluation of podcasts as an educational tool in undergraduate nursing education.** Paper presented at the AMEE (An International Association for Medical Education) Conference 2012, Lyon, France.

Tarrant, M., & Chan, SLP. (2012). **Implementation and evaluation of podcasts as an educational tool in undergraduate nursing education.** Paper presented at the 15th Ottawa Conference: Assessment of Competence in Medicine and the Healthcare Professions, Kuala Lumpur, Malaysia.

Chan YH, Tam MHC, Ip DKM, Hedley AJ, Lam TH, Johnston JM (2012). **Furthering the Molecular-Cellular-Patient-Population Clinical Continuum: Curriculum Reforms of the Problem-Based Public Health Advocacy Programme to Reinforce Public Health Leadership and Holistic Professional Development.** Paper presented at the 15th Ottawa Conference: Assessment of Competence in Medicine and the Healthcare Professions, Kuala Lumpur, Malaysia.

Zhong, L. D., Liu, Q., & Tong, Y. (2012). **The Development of a Chinese Medical Humanities and Arts Module at the University of Hong Kong.** Paper presented at the 11th Meeting of Consortium for Globalization of Chinese Medicine (CGCM), Macau.

SAVE THE DATE

UPCOMING EVENTS & ACTIVITIES



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 with a choice of undertaking:
 - Project/ research
 - Self-directed study
 - AMEE's ESME certificate

****Now open for 2nd semester enrolments for modules starting in August, 2013****

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

- **June 9-12, 2013** Asian Medical Education Association (AMEA) Seventh Symposium "Evaluation of the Medical Education: Present and the Future", Health Sciences University of Mongolia, Ulaanbaatar, Mongolia. For more information see <http://amea2013.hsum-ac.mn/home>.
- **April 11, 2013** A demonstration of the virtual environment for learning experimental procedures in a laboratory – the SWIFT lab (Speaker Dr Brant Knutzen) Thursday 11th April, 2:00 - 3:30 pm. Telemedicine Centre (MTC), 2/F William MW Mong Block, Faculty of Medicine, HKU
- **April 19, 2013** Evaluation of the flipped classroom at the Li Ka Shing Faculty of Medicine (Speakers: Dr Neel Sharma, Dr Iain Doherty, Mr Darren Harbutt) Friday 19th April, 12.45 – 2.00pm. Room 321, Run Run Shaw Building, HKU
- **24-28 August 2013** Association for Medical Education in Europe (AMEE) 2013 conference "Colouring Outside the Lines", Prague Congress Centre, Czech Republic. For more information see <http://www.amee.org>
- **November 1-6, 2013** Association of American Medical Colleges (AAMC) Annual Meeting, Philadelphia, Pennsylvania. For more information see <https://www.aamc.org/>
- **December 6-7, 2013** Frontiers in Medical and Health Sciences Education Conference (Theme: e-learning). More information to follow.

Institute for Medical and Health Sciences Education

2/F William MW Mong Block,
Li Ka Shing Faculty of Medicine,
University of Hong Kong
Website: www.imhse.hku.hk
E-mail: imhse@hku.hk
Telephone: 2819 9841



IMHSE

Institute of Medical and Health Sciences Education

