



理學院通訊

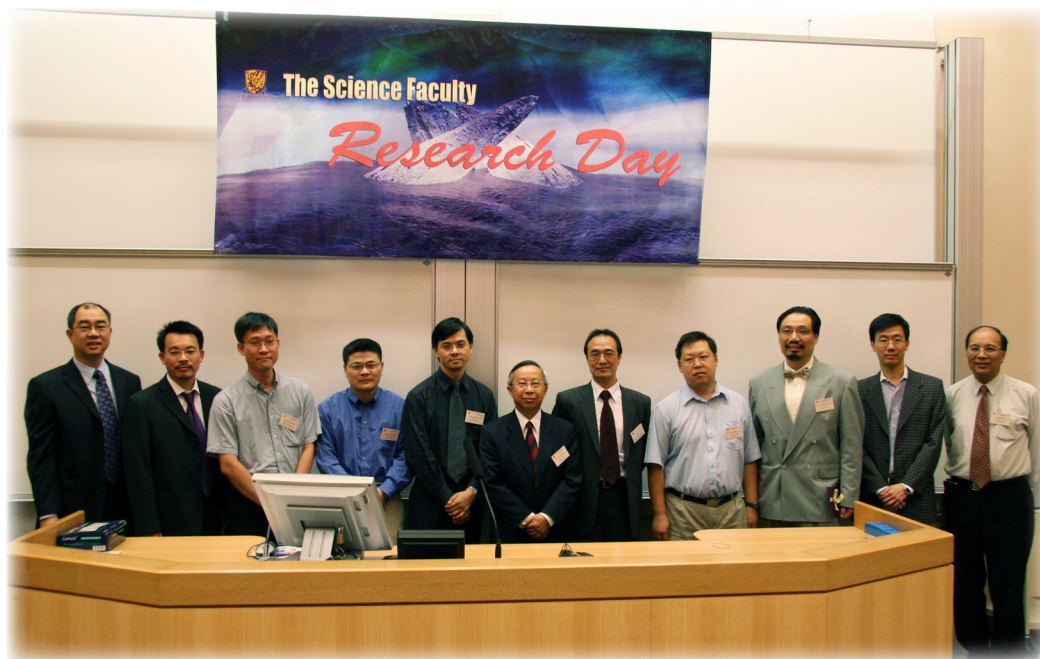
Newsletter



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FACULTY RESEARCH DAY 2007



The Faculty held a Faculty Research Day on 13 June 2007, with the theme on BIO-X. A list of the speakers and their topics were as follows:

Topic	Speakers
Biotechnology Cluster Development at Hong Kong Science and Technology Parks	Mr. Stephen Lam Senior Manager (Life Science/Biotech), HKSTP
Barcode of Life: Principle, Practice and Challenges	Prof. Ka Hou Chu Department of Biology, CUHK
Hardware Acceleration for Bioinformatics	Prof. Philip Leong Department of Computer Science and Engineering, CUHK
Generation and Dissociation of Protein Radical Ions - A New Dimension for Sequencing of Proteins by Mass Spectrometry	Prof. Dominic Chan Department of Chemistry, CUHK
Structural Biology Research at the Centre for Protein Science and Crystallography - Structural Basis of Protein Thermostability	Prof. Kam Bo Wong Department of Biochemistry, CUHK
Biological Pattern Formation and Mathematical Biology	Prof. Jun-Cheng Wei Department of Mathematics, CUHK
Tailoring Surface Plasmon-derived Properties of Gold Nanostructures	Prof. Jian Fang Wang Department of Physics, CUHK
Mining in the Treasure House - Biological Activities from Chinese Herbal Medicines	Prof. Zhixiu Lin School of Chinese Medicine, CUHK
Longitudinal Data Analysis in Pharmacokinetics\Pharmacodynamics, Ecology and Pediatrics	Prof. Samuel Po-Shing Wong Department of Statistics, CUHK

The abstracts of the above topics are located at: <http://www.cuhk.edu.hk/sci/research-day/>

PRESS CONFERENCE OF CASE-BASED LEARNING OF HIGH SCHOOL SCIENCE SUBJECTS TO SUPPORT LEARNING TO LEARN



The Faculty conducted a press conference on 12 June 2007 to announce the publication of a book on 13 case-based learning materials targetted at senior secondary school teachers and students. Several newspaper reporters attended the press conference including Ming Pao, South China Morning Post, Wen Wei Pao and Ta Kung Pao.

The text book is the culmination of a 2-year project supported by Quality Education Fund (QEF). Each secondary school in Hong Kong was sent one copy of the Chinese book and one copy of English book with accompanying CDs. The book is also on sale by QEF at the Book Exhibition to be held from 18 - 24 July 2007 at the Hong Kong Convention and Exhibition Centre.



TECHNOLOGY EXHIBITIONS

The Innovation Expo will be held from 14 - 19 September 2007 at the Hong Kong Convention Exhibition Centre. The China Hi-Tech Fair will be held from 12-17 October 2007 in Shenzhen.



TEACHER DEVELOPMENT WORKSHOP



Students Forum



Teachers Forum

The Faculty organised a Teacher Development Workshop for the QEF Project: “A Science Enrichment Programme for Secondary 3-4 Students” on 23 June 2007 at L1, Science Centre. Some 60 teachers participated in this event. “A Science Enrichment Programme for Secondary 3-4 Students” is organized by the Faculty of Science at The Chinese University of Hong Kong and is supported by the Quality Education Fund. It is a three-phase programme for Secondary 3 students who exhibit high passion and capability in science. The programme covers a series of learning and training activities in Biological Sciences, Physical Sciences and Mathematical Sciences and provides students with opportunities to explore and develop their higher order thinking skills, creativity and personal-social competences. The activities are designed to nurture students’ multiple intelligences and to foster their all-round development in sciences. Teachers were invited to attend the workshop to provide feedbacks and comments on the activities and shared with us their experience in gifted education. Speakers of the event are as follows:



Prof. H.S. Kwan
(Dean)



Mr. Joseph Leung, CDO, EDB



Dr. K.C. Chung (Bio)



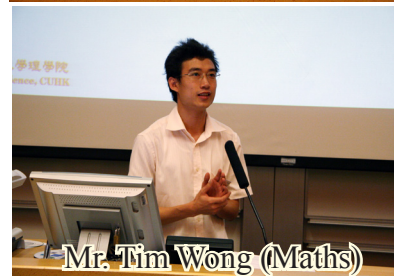
Prof. Paul Lam
(CLEAR)



Prof. W.Y. Poon
(Associate Dean,
Education)



Dr. W.F. Chan (Chem)



Mr. Tim Wong (Maths)



Mr. Henry Yam (Phy)



Prof. Paul Tsang (Bch)



Dr. S. S. Tong
(Phy)

SUMMER ACTIVITIES AT THE FACULTY OF SCIENCE

The Faculty will organise 3 summer camps in July, which include:

1. Summer Science Programme (科學領袖營之營得有「理」2007)



The Second Science Summer Programme is scheduled to be held from 17-20 July 2007 (Tuesday - Friday). Two hundred 12-14 years old students have enrolled. The goals of this event are to bring science to life, create a passion for learning science among students, and to allow young students to learn in a relaxed and playful environment. Participants will spend 4 days and 3 nights in a quest to find solutions to mental quizzes, physical challenges, participate in workshops and talks, hands-on experiments, and group activities etc.

Details of this programme are located at: http://www.cuhk.edu.hk/sci/summer_camp/

2. Summer Study Camp - A Science Enrichment Programme for Secondary 3 - 4 Students Phase 2 (S3-4科學英才精進計劃第二階段 - 暑期學習營)



Students who are admitted to Phase 2 of "A Science Enrichment Programme for Secondary 3 - 4 Students" will join a summer camp to be held on campus from 23 - 25 July 2007 (Monday - Wednesday), which includes various training and fun activities such as case-based learning, lectures, hands-on experiments, group games, and sharing of university life experiences by our undergraduates, etc.

More details of this programme are located at: <http://www.cuhk.edu.hk/sci/qef-s34/>

3. Iron Man of Science 2007 (第九屆科學鐵人盃)

Iron Man of Science 2007 will be held from 27 - 28 July 2007 (Friday - Saturday). 80 Sixth Form science students will be invited to participate in this annual competition. We have received an overwhelming number of applications to take part in the marathon games. This attests to the popularity of the event among Hong Kong secondary school students.

Details of this programme are located at: <http://www.cuhk.edu.hk/sci/ironman/>

理學院通訊 Faculty of Science Newsletter

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