



理學院通訊

Newsletter



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Happy Holidays

**MERRY CHRISTMAS
AND
HAPPY 2010!**



*Best Wishes,
Faculty of Science*

GREAT YEAR FOR CUHK SCIENCE STUDENTS

British Council of Hong Kong's FameLab Competition

A final year biochemistry student of The Chinese University of Hong Kong (CUHK), **Anthony CHEUNG Ka-lun**, stormed to victory in the first British Council FameLab science communication competition recently held in Hong Kong. Anthony beat nine other finalists to bring home the grand prize and also the 'Audience Choice' award. Anthony will represent Hong Kong at



CUHK biochemistry student Anthony Cheung wins two major prizes in the FameLab Contest - the grand prize (right) and the 'Audience Choice' award.





Prof. Shaw Pang-chui, Chairman, Department of Biochemistry, Faculty of Science, CUHK;
Ms. Sophia Chan-Combrink, Science Education Manager, British Council;
Prof. Poon Wai-yin, Associate Dean (Education), Faculty of Science, CUHK;
Anthony Cheung;
Prof. Kong Siu-kai, Professor, Department of Biochemistry, Faculty of Science, CUHK; and
Prof. Hui Pak-ming, Assistant Dean, Faculty of Science, and Professor, Department of Physics, CUHK.

that science is fun and vivid. Science is not boring! Not only did I have a chance to talk about science on stage, I also gained experience in public speaking and I improved a lot after the master class,' said Anthony, 'Winning is not the ultimate goal. Learning is. I really learnt a lot and I hope I can explore more at the international finals in the UK. FameLab has discovered ten talented science communicators and I hope all of us will continue to spread the beauty and fun of science in Hong Kong through schools, media and the general public.'

Prof. HUI Pak-ming, Assistant Dean at the Faculty of Science, said, 'FameLab is a unique science competition that requires a good mix of talents from participants. I am proud of Anthony's performance and his hard work has paid off. During the preparation, Anthony spent much effort rehearsing and refining his talk. He was attentive to every detail, such as the precise timing of each paragraph, the gestures and where to move around on stage. I am really impressed.'

'I am very happy about our students' achievements at the Hong Kong FameLab competition. The Faculty is very proud of their active participation in such a meaningful and fun event. I believe that students from the Faculty of Science will continue to challenge themselves in

the international finals to be held in the UK next year. CUHK also won the 'Best Institution' prize for fielding the largest number of contestants in the open auditions. A total of eight CUHK students participated in the contest, including one biomedical engineering and two biochemistry students who made their way into the Hong Kong finals.

Anthony impressed both the judges and the audience with his graphic depiction of the aging process at the Hong Kong finals. He had three minutes to convince the judges of his chosen scientific argument – the key roles oxygen and sugar play in both sustaining life and causing aging – and was judged the best on the basis of the content, clarity and charisma of his presentation.

'I am excited to be at the frontier of science communication in Hong Kong. I want to tell the public



Prof. Ng Cheuk-yiu (right), CUHK Dean of Science, receives the 'Best Institution' prize from Mr. Michael Wong, Chief Curator of the Hong Kong Science Museum. (Photo Courtesy: Hong Kong Science Museum)



future competitions, and our Faculty members will give them full support and guidance,' said **Prof. NG Cheuk-yiu**, Dean of Science.

FameLab Hong Kong 2009 Grand Winner: Cheung Ka Lun



Video clips of the winning contestants can be found at <http://www.britishcouncil.org.hk/famelab>.

11th Challenge Cup Competition of China

The 11th Challenge Cup Competition was held from 28 – 30 October, 2009 in Beijing, China. The national competition is a biennial event where students from mainland China universities and tertiary institutions compete for top recognition with extracurricular projects in science and technology. CUHK submitted six projects, all of which were placed with honours (Top Tier Award: 1, Grade 1 Prize: 1, Grade 2 Prize: 2, and Grade 3 Prize: 2). In fact, CUHK won the Cup for the Hong Kong-Macao Region for the fourth consecutive year, and it is the first time for an institution from this region to win the prestigious honour for four consecutive years since the competition began in 1997.



The delegation from the CUHK achieved exceptional results at the 11th Challenge Cup Competition.

The project by science students came away with a Grade 2 Prize. The Project 「制造富含賴氨酸及類胡蘿蔔素的稻米」 was submitted by Miss Yu Wai-han, M.Phil. student of the Biology Department, and Miss Leung Shiu-yi, M.Phil. student of the Molecular Biotechnology Programme, both of whom were mentored by **Prof. Samuel SUN Sai-ming**, Research Professor of Biology and Emeritus Professor. The Hong Kong delegation of 15 institutions comprising over 110 contestants was led by **Prof. Henry WONG Nai-ching**, Pro-Vice-Chancellor (Research).



STUDENTS WIN GOLD AT 6TH IJSO BEST RESULTS FOR HONG KONG DELEGATION YET



From left: Tsai King-yung (S4), Wong Hok-hei (S4), Xie Phil Fei (S4), Yu Pei-chuan (S4), Cheung Hil-fung (S4), and Lum Kai-chun (S3). (Photo courtesy: Ming Pao)

Six secondary students trained by The Chinese University of Hong Kong earned three gold and three silver medals at the 6th International Junior Science Olympiad, held in Baku, Azerbaijan from 2 December to 11 December. The outstanding results are the best yet achieved by the Hong Kong team since joining the annual event in 2006. The students received eight months of intense training in Biology, Chemistry, and Physics from the following members of the Faculty of Science: **Dr. CHUNG Kwok-cheong**

(BIO); **Dr. CHAN Wing-fat**, **Dr. CHEUNG Yu-san**, and **Dr. Kendrew MAK Kin-wah** (CHM); and **Dr. CHENG Kai-ming**, **Dr. LIN Lap-ming**, and **Dr. PANG Kam-moon** (PHY). Dr. LEUNG K.M. from Maryknoll Fathers' School and Ms. CHIU S.F. from San Wui Commercial Society Secondary School also provided training to the students. The students' hard work and determination paid off, earning Hong Kong an overall ranking of third from among a total of 49 teams from participating regions.

APPOINTMENT OF NEW DEANS

Prof. CHOW Hak-fun of the Chemistry Department has been appointed Associate Dean (External and Alumnus Affairs) with effect from 18 November, 2009.

Prof. Tony SHING Kung-ming of the Chemistry Department has been appointed Assistant Dean (Donations) with effect from 14 December, 2009.

Prof. WONG Kam-bo of the Biochemistry Department has been appointed Assistant Dean (Public Relations) with effect from 14 December, 2009.



Prof. CHOW Hak-fun



Prof. Tony SHING Kung-ming



Prof. WONG Kam-bo



DEAN'S HONOUR LIST 2008/09 CUM FACULTY EXEMPLARY TEACHING AWARD 2009 CEREMONY

The captioned event is scheduled on Saturday 16 January, 2010 in Science Centre Lecture Theatre 1 from 10:30a.m. – 12:30p.m.

Faculty Exemplary Teaching Award 2009

Recipients of the Faculty Exemplary Teaching Award 2009:

DEPARTMENT	FACULTY MEMBER
Biochemistry	Prof. Edwin CHAN Ho-yin
Biology	Prof. KWAN Kin-ming
Chemistry	Prof. Dennis NG Kee-pui
Mathematics	Prof. FENG Dejun
Physics	Prof. HUI Pak-ming
Statistics	Prof. WONG Hei-ying



Dean's Honour List 2008/09

There are a total of 162 students who have earned their place onto the Dean's Honour List 2008/09. The full list of honorees is available online at <http://www.cuhk.edu.hk/sci/deanlist2008-9/list.pdf>.

~Hearty Congratulations to All~

5TH LAU OI WAH MEMORIAL SCIENCE LECTURE SERIES

The captioned event took place on Saturday 7 November, 2009, from 9:30a.m. to 1:00p.m. This year's event attracted over 800 secondary students and teachers from all over Hong Kong. The event photos are now available on the event website: <http://www.cuhk.edu.hk/sci/memoriantalk>. A recording of the event is also available on DVD upon request. For your own copy, please make a request via email at sfo@cuhk.edu.hk or via telephone at 2609 6327.





Here are some highlights of this year's event:



Clockwise from top left (in order of event programme):
Prof. Albert Leung Wing-nang (SCM), Prof. Li Wai-kee (CHM),
Dr. Lau Chi-hin (MAT), and Prof. Jiang Liwen (BIO).



Prof. Ng Cheuk-yiu (centre), Dean of Science, takes a photo with the four speakers.



BIO-X SEMINAR

- Topic** : Biomass Ethanol: Being There
Speaker : **Dr. WANG Jun**
 Chief Scientific Officer of Gene Harbour (HK) Technologies Ltd.,
 Adjunct Professor (Department of Biochemistry)
Date : Wednesday 20 January, 2010
Time : 12:30p.m. – 2:00p.m.
Venue : C. N. Yang Reading Room

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