

THE SCIENCE FACULTY RESEARCH DAY



Group photo with all speakers, Prof. HS Kwan and Prof. Raymond HF Chan

The Science Faculty Research Day has been held on 15 June 2006 at L3, Science Centre from 9:30am to 3:30pm. It aims to promote and foster interdisciplinary research in the Faculty. Each Department and School had a representative either to introduce the latest research areas in their departments or to highlight their own research work. We have also invited Mr. SW Cheung, Vice President of Business Development and Technology Support, Hong Kong Science and Technology Parks Corporation, to present a talk with a topic of "From Concept to Profit - The Ideal Place to Commercialize Your R&D Efforts for China Market". Over 50 participants attended the Science Faculty Research Day.

Powerpoint slides of some speakers is located at: http://www.cuhk.edu.hk/sci/news/news_e.html

Photos with Speakers and Prof. HS Kwan, Acting Dean of Science, as follows:



Mr. SW Cheung
Hong Kong Science and
Technology Parks Corporation



Prof. KP Fung
Department of Biochemistry



Prof. Dianjing Guo
Department of Biology



Prof. Dennis Ng
Department of Chemistry



Prof. Jun Zou
Department of Mathematics



Prof. KY Wong
Department of Physics



Prof. SY Lee
Department of Statistics



Prof. CT Che
School of Chinese Medicine

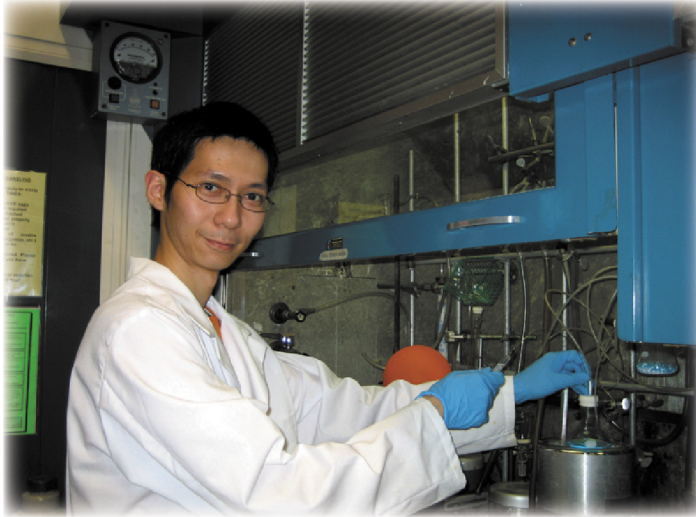
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Ph.D. FROM CUHK IMPROVES TAMIFLU SUPPLY AND PRODUCTION COST



Ph.D. chemistry graduate of The Chinese University of Hong Kong, Dr. Yeung Ying-yeung discovered a new organic synthesis that would substantially reduce the cost of production and improve the supply of Tamiflu. The discovery was made under the guidance of Prof. Elias James Corey, 1990 Nobel laureate in chemistry.

Dr. Yeung is a post-doctoral fellow at Prof. Corey's laboratory at Harvard University. The breakthrough was reported in the influential Journal of American Chemical Society. Dr. Yeung obtained his B.Sc. in 2001 and Ph.D. in 2005. Prof. Tony KM Shing was his Ph.D. supervisor.

Dr. Yeung is a post-doctoral fellow at Prof. Corey's laboratory at

YOUNG SCHOLAR PROGRAMME FOR BIOLOGY OF THE 21ST CENTURY 2006

The Chinese University of Hong Kong
Young Scholar Programme
for Biology of the 21st Century
2006

Seminars
 The Lectures Theatre, Shaw College, CUHK 9:30 - 13:00
Human Health and Diseases 18/7
 The Secrets of Human and Avian Influenza Viruses - Prof. Paul KS Chen, Department of Microbiology (Prince of Wales Hospital)
 Gene Therapy - From Laboratory to Clinical Application - Prof. MC Fung
Food and Nutrition 18/7
 Engineering a Nutrient-rich Golden Rice - Prof. Suetan QIN Sun
 Why Do We Need Dietary Fibers? - Prof. Peter CA Cheung
 Food Taste - Prof. Anthony HY Chung
Environmental and Conservation Biology 18/7
 DNA Barcode: A Magic Bullet for Species Diagnosis? - Prof. KY Chu
 Conservation of Chinese White Dolphin in Hong Kong - Mr. Samuel KY Hung, Chairman of the Hong Kong Dolphin Conservation Society
 Composting to the Rescue - How Composting May Help Solid Waste Treatment - Dr. Terence WK Chung

Training Programmes
 Science Centre, CUHK 14:00 - 18:00
Professional Development Programme for Biology Teachers - Curriculum Update 15/7
 - Prof. HM Lam
 Science Centre, CUHK 14:00 - 18:00
Students' Laboratory Workshops on Molecular Biology 15/7 and 16/7
 DNA Fingerprinting - The Forensic Evidence - Prof. MC Fung and Dr. Lawrence CH Chi

ORGANIZED BY DEPARTMENT OF BIOLOGY, THE CHINESE UNIVERSITY OF HONG KONG
 & SCIENCE EDUCATION SECTION, CURRICULUM DEVELOPMENT INSTITUTE, EMB
 APPROVED BY THE BOARD OF BIOLOGICAL SCIENCES, CUHK
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The Young Scholar Programme for Biology (YSPB) is one of the popular events organized yearly by the Department of Biology, The Chinese University of Hong Kong, with the Science Education Section, Education and Manpower Bureau. The programme aims to provide summer learning opportunities for both teachers and students for enhancing teaching and learning, as well as bridging the gap between the tertiary and the secondary school sectors in biology education. More than 15,000 students and teachers from more than 160 schools attended the programme over the past 7 years.

This year the YSPB 2006 is going to be held from 12th to 14th July, at The Lecture Theatre, Shaw College, The Chinese University of Hong Kong. The programme consists of 2 different components: Seminars and Training Programmes. The Seminars provide updated information in three different areas, including "Human Health and Diseases", "Food and Nutrition", and "Environmental and Conservation Biology", and discussions between the speakers and the secondary school teachers and students are strongly encouraged. This year, the Training Programmes serve both teachers and students. The Professional Development Workshop for Teachers aims at training creative thinking and mastering of scientific investigative skills as well as targeting problems encountered by secondary school teachers in teaching. Meanwhile, the Students' Laboratory Workshop on Molecular Biology introduces the recent advancement in molecular biology technology and allows students to work on DNA fingerprinting and forensic evidence.

More details please visit: <http://www.cuhk.edu.hk/bio/ysp.htm>

12 CUHK MATHEMATICS GRADUATES RECEIVE FULL SCHOLARSHIP TO FURTHER STUDIES AT TOP OVERSEAS UNIVERSITIES

Twelve undergraduate and graduate students of the Chinese University have received full fellowships/studentships from top universities in North America and Europe to further their studies.



From Left to right : Upper row - Prof. You Shing Tung, Cheng Man Chuen, Chan Kin Hang, Li Xiaoyue, Wang Yi, Wang Yuliang, Prof. Lau Ka Sing
Lower row - Li Man Chun, Liu Chun Lung, Cheng Yin Hei, Pong Ting Kei

Full Fellowship/Studentship		Offered by
Jiang Huihui 蔣慧慧	Undergraduate/ nonlocal student	Florida Atlantic University
Lam King Yeung 林經洋	Undergraduate	University of Minnesota
Lam Tin Yin 林天然	Undergraduate	University of British Columbia (computer science)
Li Man Chun 李文俊	Undergraduate	Stanford University and U.C. Berkeley
Li Xiaoyue 李曉玥	Undergraduate/ nonlocal student	Tinbergen Institute, Netherlands (economics)
Chan Kin Hang 陳鍵行	M.Phil.	University of Illinois at Chicago
Cheng Man Chuen 鄭文銓	M.Phil./nonlocal student	Stanford University
Cheng Yin Hei 鄭彥熹	M.Phil.	University of Alberta
Liu Chun Lung 廖振隆	M.Phil.	Michigan State University
Pong Ting Kei 龐鼎基	M.Phil.	University of Washington
Wang Yi 王一	M.Phil./nonlocal student	Princeton University and University of Chicago
Wang Yuliang 王玉亮	M.Phil./nonlocal student	Michigan State University

CUHK VICE-CHANCELLOR'S EXEMPLARY TEACHING AWARD



Professor Li Wai Kee, Professor of Chemistry, has been awarded the Vice-Chancellor's Exemplary Teaching Award 2005 on 9 June 2006. This award is awarded annually by the Vice-Chancellor to one teacher in each Faculty since 1999.

Group photo with Prof. Li Wai Kee (Second Right) and other awardees in the Vice-Chancellor's Exemplary Teaching Award 2005 Ceremony.

SOCIAL CALENDAR

Events Planned in the Months of July - August 2006

Department	Date, Time and Place	Events
Mathematics	17 July to 5 August 2006	Summer School: The First International Summer School on Numerical Linear Algebra
	22 July - 12 August 2006	Summer School: 2006年全國數學第十一屆研究生暑期學校
Chinese Medicine	7 August 2006 10:00 am – 12:00 pm Science Centre LG23	Seminar: Academic Counselling Session For New Full-time Undergraduate Students, 2006-2007 Introduction Chinese Medicine Programme Speaker: Miss Chan Sze Nga Teaching Assistant, Registered Chinese Medicine Practitioner
	17 August 2006 9:00 am – 5:00 pm Rm 306-308 HK Convention & Exhibition Centre	Symposium: 2006 Hong Kong – Macau Postgraduate Symposium on Chinese Medicine Organizers: CityU, HKBU, CUHK, PolyU, HKUST, HKU Supporting Organization: MCMIA For enquiries: Website: http://net2.hkbu.edu.hk/~tcmps Email: tcmps@hkbu.edu.hk
	17-18 August 2006 9:00 am– 5:00 pm Rm 301, HK Convention & Exhibition Centre	Conference: International Conference & Exhibition of the Modernization of Chinese Medicine & Health Products (ICMCM) 2006
Faculty of Science	18 July - 22 July 2006	Summer Science Programme 科學暑期營之營得有「理」2006 Website: http://www.cuhk.edu.hk/sci/summer_camp/
	28 July - 29 July 2006	Summer Science Programme 第八屆科學鐵人盃 Website: http://www.cuhk.edu.hk/sci/ironman/

理學院通訊 Faculty of Science Newsletter

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