

Message from Acting Dean



To: All Faculty Members, Faculty of Science
From: Professor H S Kwan, Acting Dean

I trust most of you have had a pleasant summer vacation and are now prepared to steam ahead with our endeavours in 2005/06.

I take this opportunity to welcome you all back and inform you of the recent developments in our Faculty.

Personnel Matters in 2005/06

Officer List

Acting Dean: Professor Kwan Hoi Shan
Associate Dean (Education): Professor Poon Wai Yin
Associate Dean (Research): Professor Raymond H F Chan
Associate Dean (Student Affairs): Professor Dennis K P Ng

Department Chairmen

Biochemistry: Professor Fung Kwok Pui
Biology: Professor Norman Y S Woo
Chemistry: Professor Wu Chi
Mathematics: Professor Lau Ka Sing
Physics: Professor Lin Hai Qing
Statistics: Professor Chan Ngai Hang

Director

School of Chinese Medicine: Professor Che Chun Tao

Directors of Studies

Environmental Science: Professor Jimmy C M Yu
Food and Nutritional Sciences: Professor Peter C K Cheung
Molecular Biotechnology: Professor Shaw Pang Chui

Programme Coordinators:

Applied Chemistry with Management Science: Professor Kevin W P Leung
Materials Science and Engineering: Professor Dickon H L Ng
Risk Management Science: Professor Leung Pui Lam

Advancements to take effect from 1 October 2005

Professor Raymond H F Chan (MAT) - Professor I to Professor of Mathematics
Professor Chow Hak Fun (CHM) - Professor II to Professor 1
Professor Chu Ming Chung (PHY) - Professor 2 to Professor 1
Professor Dennis K P Ng (CHM) - Professor 2 to Professor 1
Professor Wei Juncheng (MAT) - Professor 2 to Professor 1



New Staff

Assistant Professor

Professor Guo Dianjing (郭殿京) - Department of Biology
 Professor Zheng Bo (鄭波) - Department of Chemistry
 Professor Feng Dejun (豐德軍) - Department of Mathematics
 Professor Wang Xiaowei (王曉瑋) - Department of Mathematics
 Professor Liu Renbao (劉仁保) - Department of Physics
 Professor Wang Jianfang (王建方) - Department of Physics
 Professor Wong Po Shing (黃寶誠) - Department of Statistics

Research Assistant Professor

Professor Ngai To (魏濤) - Department of Chemistry
 Dr Gu Shijian (顧世建) - Department of Physics
 Dr Wan Tsz Kai (溫子佳) - Department of Physics
 Dr Wong Ka Wai (黃家偉) - Department of Physics
 Dr Zhang Xitian (張喜田) - Department of Physics
 Dr Zhou Shengqi (周生啟) - Department of Physics

Instructor

Dr Chung Wai Ki (鍾偉祺) - Department of Biology
 Dr Lau Chi Hin (劉智軒) - Department of Mathematics
 Dr Ho Kwok Wah (何國華) - Department of Statistics
 Dr Zhao Li (趙利) - School of Chinese Medicine
 Dr Wong Yeuk Oi (黃約愛) - School of Chinese Medicine

Staff Honours

Professor Jimmy C M Yu's NSFC-RGC project "Photocatalytic Degradation of Persistent and Toxic Organic Pollutants" has been awarded the 2005 State Natural Science Award, 2nd Class.

Admission

Jupas Result

Our Risk Management Science Programme is ranked 5th in the University's Top Ten study programmes with median programme WGPA at 4.1210 better than an average Grade B or above. Molecular Biotechnology came in 12th at 3.8194.



Research

Setting Up of New Institutes

Institute of Theoretical Physics

The Department of Physics has established an Institute of Theoretical Physics with Professor C N Yang as its inception Director.

The purpose of the Institute is to provide a platform to facilitate interaction between young scientists and distinguished world leaders in the field, with a view to producing frontier research results and becoming a leading centre of theoretical physics in South China.

Institute of Precision Engineering

The Department of Automation and Computer-aided Engineering of the Faculty of Engineering, and our Physics Department have jointly established the Institute of Precision Engineering. Build on a bid of HK\$60m from the ITC R&D fund, the two Faculties see precision engineering as the major driving force to propel the watch industry in Hong Kong to a new sphere of breakthrough technologies and applications of precision engineering in other areas, such as nanotechnology, optical manufacturing, and jewellery industry.

Social Calender



Events Planned in the Months of October - November 2005

Department	Date, Time and Place	Events
Biology	13 October 2005 12:30 p.m. - 1:30 p.m. SC L1	Seminar: Developmental Toxicology in Zebrafish Speaker: Dr Eric P K Chan, City University of Hong Kong
	22 October 2005 12:30 p.m. - 6:15 p.m. SC L4 and L5	Symposium: 1st Marine Biology Association of Hong Kong (MBAHK) Postgraduate Symposium
	25 October 2005 12:30 p.m. - 1:30 p.m. SC L2	Seminar: To be Confirmed Speaker: Dr Gray A William, The University of Hong Kong
	10 November 2005 12:30 p.m. - 1:30 p.m. SC L1	Seminar: Phytonutrients Speaker: Professor Y S Wong, Biology Department, CUHK
	22 November 2005 12:30 p.m. - 1:30 p.m. SC L2	Seminar: The Regulation of Plant Hormone Ethylene Biosynthesis and Action and Its Application in Biotechnology Speaker: Professor Ning Li, Hong Kong University of Science and Technology
	9 December 2005 2:30 p.m. SC 297	Seminar: Plant Viruses Transmitted by the Tenuipalpid Mite Brevipalpus: A Novel Group Speaker: Dr Elliot W Kitajima, University of San Paulo
Chemistry	3 October 2005 2:30 p.m. MMW 707	Seminar: Synthetic and Mechanistic Investigations into Coarctate Cyclizations: Unique Routes to 2H-Indazoles and Related Heterocycles Speaker: Professor Michael M Haley, University of Oregon, USA
	4 October 2005 2:30 p.m. SC L1	Seminar: Bio-Inspired Conformation-Dependent Sequence Design of Copolymers Speaker: Professor Alexei Removich Khokhlov, Moscow State University, Russia
	5 October 2005 2:30 p.m. ICS L1	Seminar: Self-Assemblies in the Solutions of Amphiphilic Polymers Speaker: Professor Alexei Removich Khokhlov, Moscow State University, Russia
	13 October 2005 2:30 p.m. LSB LT3	Seminar: Heterogeneous Aquacatalysis Toward Ideal Organic Synthesis Speaker: Professor Yasuhiro Uozumi, Institute for Molecular Science (IMS), Japan
	10 November 2005 2:30 p.m. SC L1	Seminar: Pd-Catalyzed Cascade Reactions and Ti-Mediated C, C-Bond Formations for Efficient Organic Synthesis Speaker: Professor Armin de Meijere, University of Goettingen, Germany
	24 November 2005 2:30 p.m. SC L5	Seminar: Recent Topics on Hyperconjugation Speaker: Professor Masahiro Murakami, Kyoto University, Japan
	25 November 2005 2:30 p.m. SC L5	Seminar: Cleavage of Carbonyl-Carbon Bonds with Transition Metals Speaker: Professor Masahiro Murakami, Kyoto University, Japan

Department	Date, Time and Place	Events
Mathematics	Every Monday starting from 12 September to 24 October 2005 2:30 p.m. – 4:30 p.m. AB1 501a	IMS Lecture Series: Minimax Theory and Multiple Solutions of Elliptic Equations Speaker: Prof Zhaoli Liu, Capital Normal University
	Every Friday starting from 16 September 2005 2:00 p.m. – 4:00 p.m. AB1 501a	IMS Lecture Series: Programme on Nonlinear Evolution PDE 2005-2006: Harmonic Analysis Techniques for the Semilinear Evolution Equations Speaker: Professor Baoxiang Wang, Peking University
	5 October 2005 and every Saturday 9:00 a.m. – 12:00 noon AB1 501a	IMS Seminar: PDE Working Seminar Speaker: Dr Chunpeng Wang, Jilin University
	10 October 2005 4:30 p.m. – 6:30 p.m. AB1 501a and 17 October 2005 4:30 p.m. – 5:30 p.m. AB1 501a	IMS Lecture Series: Programme on Nonlinear PDE and Geometric Analysis 2005-2006: Boundary Value Problems with Critical Sobolev Exponents (including the Brezis-Nirenberg Problem in Spaces of Constant Curvature) (Part I and II) Speaker: Professor Catherine Bandle, Universitat Basel
	17 October 2005 5:30 p.m. – 6:30 p.m. AB1 501a and 24 October 2005 4:30 p.m. – 6:30 p.m. AB1 501a	IMS Lecture Series: Programme on Nonlinear PDE and Geometric Analysis 2005-2006: Quasilinear Elliptic Problems with Solutions Blowing up at the Boundary (Part I and II) Speaker: Professor Catherine Bandle, Universitat Basel
Physics	28 October 2005 5:00 p.m. – 6:30 p.m. T Y Wong Hall	Seminar: Einstein's Universe (愛因斯坦的宇宙) Speaker: Professor Chu Ming Chung, CUHK
	28 October 2005 5:00 p.m. – 6:30 p.m. MMW Engineering Building	Seminar: Einstein's Relativity and Spacetime (愛因斯坦, 相對論, 時空) Speaker: Professor Kenneth Young, CUHK
Statistics	15 October 2005 2:00 p.m. – 3:30 p.m. FYB LT4	Seminar: Limits Structure in Banking Speaker: Mr Howard Ho, Market Risk Manager, HKBC
	25 October 2005 2:00 p.m. – 3:00 p.m. (to be confirmed)	Seminar: Confidence Regions for High Quantiles of a Heavy Tailed Distribution Speaker: Professor Yongcheng Qi
Chinese Medicine	9 October 2005 12:00 p.m. – 5:00 p.m. Entrance Arena, New Town Plaza	PR Display: 「沙田健康節2005」攤位製作及展板展覽
	10-13 November 2005 9:00 a.m. – 5:00 p.m. Esther Lee Building LT1	Seminar: 2005年香港國際耳穴診治暨美容保健研討會
	November 2005 (to be confirmed)	Seminar: 勞工署判傷講座

理學院通訊

Faculty of Science Newsletter

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