

RESEARCH



Direct Grant Scheme

Applications are to be submitted to the Science Faculty Office no later than Monday 21 November 2005. Please visit the homepage of RTAO at <http://www.cuhk.edu.hk/rtao/download/download.htm> for application forms, or call ext. 6250 for details.

Postdoctoral Fellowship Scheme

Applications are to be submitted to Science Faculty Office no later than Monday 21 November 2005. For guidelines and application form, please visit the homepage of RTAO at <http://www.cuhk.edu.hk/rtao/rga/research.htm> for application forms, or call ext. 6250 for details.

2006 STATE TECHNOLOGICAL INVENTION AWARD (國家技術發明獎) AND STATE SCIENTIFIC AND TECHNOLOGICAL PROGRESS AWARD (國家科學技術進步獎)

The Innovation and Technology Commission is inviting entries for the State Technological Invention Award (STIA) and the State Scientific and Technological Progress Award (SSTPA) under the 2006 State Science and Technology Awards Scheme.

Details of the awards, entry requirements, application procedures and application form can be downloaded from <http://www.itc.gov.hk/en/ssta>. Applications are to be submitted to Science Faculty Office no later than 8 December 2005 for the Dean's endorsement.

HONG KONG SCIENCE AND TECHNOLOGY PARK INNOVATION DAY: POWERING DESIGN WITH TECHNOLOGY

Business of Design Week 2005

Date: Wednesday 23 November 2005

Venue: Hong Kong Science Park, Shatin

Itinerary: 9:00 a.m. - 1:00 p.m. Plenary Session
1:00 p.m. - 2:00 p.m. Lunch
2:00 p.m. - 5:30 p.m. Track Session 1: Nanotech and Materials
Track Session 2: Photonics
Track Session 3: Home Wireless Networking

Keynote speakers include

Dr Takehisa Yaegashi, Toyota Motor Corporation, Japan, Hybrid Car

Mr George Mueller, Chairman and CEO, Color Kinetics Inc., USA

For details on this exciting event, please visit <http://www.hkstp.org> for information and call ext. 6385 for registration.

香港中文大學

理學院通訊

二〇〇五年十一月版

第二期



GRANT/AWARD

Conference Grant Supported by K C Wong Education Foundation

The Foundation welcomes applications to invite scholars from the Mainland to attend academic conferences of scientific nature held in Hong Kong from April to December 2006. The application guidelines, procedures and forms can be obtained from the website at: <http://www.cuhk.edu.hk/oalc/>. Completed application forms should be sent to Office of Academic Links (China) no later than 30 November 2005. Please address enquiries to Ms Isabella Fu, Programme Associate, at ext 8728.

LAU OI WAH MEMORIAL SCIENCE LECTURE SERIES

The Faculty has launched a lecture series in the name of Professor Lau Oi Wah to commemorate our former colleague and Dean who passed away in 2004. This lecture series has its roots from the first faculty-organized lecture series "Science in Health" held in July 2003 soon after the SARS outbreak had subsided with a view to disseminating correct information and educating the young in the prevention of health hazards and pandemics to come.

The 1st Lau Oi Wah Memorial Science Lecture series will be held on Saturday 19 November 2005 in SRRSH from 9:30 a.m. to 4:45 p.m. The programme itinerary includes:

Time 時間	Programme 活動	Speaker 演講者	Language 語言
09:30 - 10:00	Opening Ceremony 開幕禮		
10:00 - 10:45	Talk 1: The battle against malaria – One of the biggest killers on the planet 藥積“瘧”離 - 追擊科學對抗瘧疾之發展	Professor Shannon Au 區詠娥教授 (Department of Biochemistry 生物化學系)	Cantonese 廣東話
10:45 - 11:30	Talk 2: Stem cell therapy – A technology that will change our life 幹細胞療法 - 一個將改變人類生活的新技術	Professor Wei Ge 葛偉教授 (Department of Biology 生物系)	English 英語
11:30 - 12:15	Talk 3: The two sides of soft drugs - A chemical perspective 軟性藥物的化學兩面觀	Professor Hung-Kay Lee 李鴻基教授 (Department of Chemistry 化學系)	Cantonese 廣東話
12:15 - 13:00	Talk 4: How mathematics contributes in the information era? 數學在資訊年代的貢獻	Professor Raymond Chan 陳漢夫教授 (Department of Mathematics 數學系)	Cantonese 廣東話
13:00 - 14:30	Lunch Time 午膳		
14:30 - 15:15	Talk 5: Extrasolar planets and extraterrestrial life 宇宙的行星、宇宙的生命	Dr. Shiu-Sing Tong 湯兆昇博士 (Department of Physics 物理系)	Cantonese 廣東話
15:15 - 16:00	Talk 6: Betting on random experiments - Some facts about horse racing and its related gambling 對隨機事件下注 - 一些關係賽馬的常識	Professor Ming-Gao Gu 顧鳴高教授 (Department of Statistics 統計學系)	English 英語
16:00 - 16:45	Talk 7: Ancient therapy for modern time - Acupuncture and analgesia 古為今用 - 針刺與鎮痛	Professor Zhi-Xiu Lin 林志秀教授 (School of Chinese Medicine 中醫學院)	Cantonese 廣東話
10:30 - 17:00	Exhibitions, Laboratory visits, Demonstrations (Organized by Departments/Programmes/School of the Science Faculty) 由理學院各學系及課程安排展覽、實驗室參觀及示範		

SCHOLARSHIPS FOR OVERSEAS STUDIES

Name of Scholarship	Closing Date for Application
For Undergraduate Studies	
HSBC Overseas Scholarship Scheme 2006/07	18 January 2006
For Postgraduate Studies	
The British Chevening Scholarships for Postgraduate Study in the UK 2006	24 January 2006
The Cambridge Trusts 2006	28 February 2006
Sir Run Run Shaw Scholarship tenable at the University of Sussex, UK 2006/2007	30 November 2005

Details of the Scholarships and application forms can be downloaded from the website of the Office of Student Affairs at <http://www.cuhk.edu.hk/osa/sfas/>

STUDENT EVENTS

The 9th CHALLENGE CUP, a prestigious national scientific competition among university students, will be held at Fudan University from 19-22 November 2005. Professor Billy K L So, Associate Pro-Vice-Chancellor and Professor Henry N C Wong, Head of New Asia College, will lead a 28-member CUHK delegation to participate in the competition.

CUHK will send out six teams, two of which are from Science Faculty.

The two innovations are:

1. “化廢為生物柴油以舒緩能源危機” by Mr Kenji Y K Wong (Environmental Science), supervised by Professor Chiu Siu Wai of the Biology Department.
2. “公眾健康納米鬥士” a collaboration by Mr Mak Chun Kong (Chemistry), Miss Lai Ching Wan (Environmental Science), Miss Mak Hoi Ting (Environmental Science), Mr Lai Sze Tsai (Molecular Biotechnology) and Mr Leung Ka Yue (Architecture) supervised by Professor Jimmy C M Yu, Director of Studies, Environmental Science Programme and Professor Ngai Sai Ming of the Biology Department.

SOCIAL CALENDAR

Events Planned in the Months of November -December 2005

Department	Date, Time and Place	Events
Biochemistry	12-17 December 2005 MMW 7th Floor	Conference: The Croucher Foundation Advanced Study Institute Conference on Advances in Protein Sciences Speaker: Guest speakers
Biology	14 November 2005 2:30 p.m. SC 297	Seminar: Using lingzhi (<i>Ganoderma lucidum</i>) for HIV/AIDS in Africa Speaker: Professor Chang Shu-Ting, Emeritus Professor of Biology
	18 November 2005 10:00 a.m. SC 297	Seminar: 1. New drug screening: AK-1 for cancer and AK-2 for protection against virus infection, and 2. Career in biotechnology: get a foot in the door and strategies for finding a job in life science Speaker: Dr. Grace Wong, Founder and Chief Scientific Officer of ActoKine Therapeutic, President of Student Vision, USA

Department	Date, Time and Place	Events
Biology	23 November 2005 2:30 p.m. SC 297	Seminar: A cDNA microarray approach to determine the mechanisms of neurohormone action and endocrine disruption in goldfish Speaker: Dr. Vance L. Trudeau, University of Ottawa, Canada
	9 December 2005 2:30 p.m. SC 297	Seminar: Plant viruses transmitted by the tenuipalpid mite <i>Brevipalpus</i> : a novel group Speaker: Dr. Elliot W. Kitajima, University of Sao Paulo, Brazil
Mathematics	Every Saturday 9:00 a.m. - 12:00 noon AB1 501a	IMS Seminar: IMS PDE Working Seminar Speaker: Dr Chunpeng Wang, Jilin University
Physics	6 – 13 December 2005 (to be confirmed)	Conference: The Croucher Foundation – Advanced Study Institute on Frontiers in Computational Methods and Their Applications Speaker: Guest speakers
	13 – 16 December 2005 (to be confirmed)	Conference: International Conference on Recent Progress in Quantum Speaker: Guest speakers
	16 – 20 December 2005 (to be confirmed)	Conference: International Conference on Quantum Optics Speaker: Guest speakers
	3 and 10 December 2005 2:30 p.m. – 4:30 p.m. SC L2	PR Course: Astronomical Training Programme for Secondary School Students (中學生天文訓練計劃)
	3 and 10 December 2005, 7, 14 and 21 January 2006 2:30 p.m. – 5:30 p.m. SC L4	PR Course: Enrichment Programme for Physics Talent (物理英才精進課程)
Chinese Medicine	10-13 November 2005 9:00 a.m. – 5:00 p.m. Esther Lee Building LT1	Seminar: 2005 香港國際耳穴診治暨美容保健研討會 主辦單位：香港中文大學中醫學院、中國針灸學會耳穴診治專業委員會
	16 Nov 2005 (Wed) 4:30 p.m. – 6:30 p.m. Esther Lee Building LT4	Seminar: 中醫藥專題講座 題目：腹針治療頸椎病 講者：仁濟醫院中醫門診暨科研中心郭元琦教授
	23 Nov 2005 (Wed) 4:30 p.m. – 6:30 p.m. Esther Lee Building LT4	Seminar: 中醫藥專題講座 題目：介紹扁桃體啄治法 講者：廣州中醫藥大學耳鼻喉科張金溪教授
	26 Nov 2005 (Sat) 10:00 a.m. – 12:00 p.m. 崇基學院禮拜堂舊學生中心	Seminar: 勞工處特別講座 題目：在勞工法例下承認中醫藥的條例草案及在「僱員補償條例」下因工受傷的補償與判傷
	1 Dec 2005 (Thu) 1:00 p.m. – 2:00 p.m. William M W Mong Engineering Building L1	Seminar: 大學保健處講座 題目：中醫藥對流行性感冒的食療保健 講者：香港中文大學中醫學院沈成豪中醫師

NOTICE

The Science Faculty supports a SMOKE-FREE environment. Please refrain from smoking in indoor areas of the Science Centre, including offices, corridors and lobbies. Thank you for your cooperation!

理學院通訊 Faculty of Science Newsletter

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