



理學院通訊 Newsletter



2010年9月 第35期

Issue 35, September 2010

CUHK and HKU to Jointly Establish State Key Laboratory of Synthetic Chemistry

The University has obtained the approval of the Ministry of Science and Technology of the Central Government to establish two new State Key Laboratories. The two new research laboratories will focus on botanical chemistry and synthetic chemistry.

The State Key Laboratory of Synthetic Chemistry - a partner laboratory of the State Key Laboratory of Organometallic Chemistry, Shanghai Institute of Organic Chemistry (SIOC) - will be established in

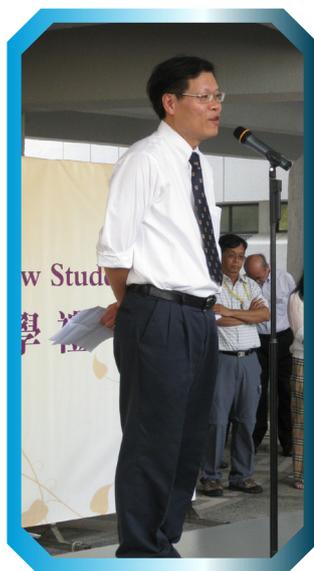
collaboration with the University of Hong Kong.

Prof. Henry WONG Nai-ching of the Department of Chemistry will serve as Deputy Director of the State Key Laboratory of Synthetic Chemistry. The new venture aims to develop and distinguish novel molecules that may contribute towards a betterment of society and the environment. Moreover, the laboratory will serve as an interdisciplinary platform for fundamental research and help train budding research scientists.

School's In!

Inauguration Ceremony 2010

On Monday, 6 September 2010, the Science Faculty Deanery along with representatives from all the academic units of the Faculty welcomed a fresh cohort of undergraduates at the Inauguration Ceremony.



During the ceremony, Dean of Science **Prof. NG Cheuk-kiu** urged students to set their own path of learning and self-discovery. Students were then introduced to various faculty members and the Science Society cabinet. Following the ceremony, students and faculty chatted and got to know one another over some light refreshments.





Four International Physics Olympiad Winners Admitted to Physics Department

This year, CUHK recruited another batch of high-calibre students. The Faculty of Science is pleased that four students who received awards at the 41st International Physics Olympiad were admitted to the Department of Physics. **MA Han-son**, gold medal winner and **Tang Wai-he, Tsang Hok-kan**, and **Leung Yik-lok**, bronze medal winners will be embarking on a new journey of discovery following their admittance to the CUHK via the Early Admissions Scheme (for Mr. Leung) and the Non-JUPAS Admissions Scheme (for Mr. Tang, Mr. Tsang, and Mr. Ma).

Tsang Hok-kan was very passionate about physics while in secondary school. When he was in Form Six, he took a course for the International Physics Olympiad to acquire knowledge of physics at the university level. Winning a bronze medal in the competition, he wants to have a deeper understanding of the discipline. He has high hopes for his undergraduate studies, and says that "I'm sure that with the pool of top academics and students at the Department of Physics of CUHK, I will be lifted to new heights personally and academically."

Credit: CUHK Newsletter No. 363, 19.9.2010; for the full newsletter, please click [here](#).

Green Crusader of CUHK: Prof. Chu Lee-man



As the chairman of the Committee on Campus Environment (CCE), **Prof. CHU Lee-man** of the School of Life Sciences is predictably a green-minded person. With research interests in applied ecology and ecological restoration, Prof. Chu is the right person for the chairmanship of the CCE. In recent years, the CUHK has won a number of environmental awards, including the most recent gold award in the public sector of the 2009 Hong Kong Awards for Environmental Excellence. Winning awards is certainly motivating to the CCE, but Prof. Chu says, "CCE has many years' history. We're committed to environmental protection, not to applause of others."

The University has set the targets of reducing greenhouse gas emissions by 20% and energy use per capita by 25% by 2025. To achieve them, we have to cut back on energy and water consumption and reduce waste. As a researcher, Prof. Chu knows very well that besides air conditioning, lighting and

computers, research facilities also consume a lot of electricity. CCE is looking at ways of saving power in addition to introducing energy-efficient devices. One of the CCE's major works is education so that personal habits and departmental culture can change over time. The Sustainability Ambassador

Programme is one example of ways the CCE hopes to raise environmental awareness in different departments.

Having been the chairman of CCE for two years, Prof. Chu believes that the awards we have received are recognition of our efforts to protect the environment. But there is plenty of room for improvement. He says, "There is no finishing line for environmental protection." To leave a clean planet for future generations, all of us should be committed to environmental protection. This is what CUHK as a university is obligated to do. Prof. Chu says, "The senior management of the University are very environmentally conscious. With their support, we believe that we will make substantial progress towards a sustainable campus."

Credit: Sustainable Campus, Summer • Autumn 2010; for the full newsletter, please click [here](#).





Physics Student Learns from World-class Scientists at 9th Wu Ta-you Science Camp

One Physics student was given the opportunity to attend a six-day science camp to learn about doing research from leading Physicists from around the world at the 9th Wu Ta-you Science Camp. This year's topic was "The Physical Development for the Twenty-first Century - From Dark Matter to Brilliant Light." **TANG Ho-kin**, who has just graduated with his B.Sc. degree in Physics from the CUHK and

is currently a Year 1 M.Phil. student at our Physics Department, attended the camp along with more than 80 budding scientists from mainland China, Taiwan, and Hong Kong. This year's camp was held 1 August - 6 August 2010 at the Taiwan University's Experimental Forest in Nantou Region.

Mr. Tang found the science camp a truly rewarding experience, as he received the rare chance to interact with and learn from numerous world-class scientists. The various talks and seminars of the programme expanded his horizons by introducing to him the multi-faceted career paths for physics students. Many attendees including Mr. Tang found the talks inspiring and gave them the courage to pursue their goals in physics.

The Wu Ta-you Science Camp is an event organized and supported by the Wu Ta-you Foundation. For more information, please visit their website [here](#).



Close to 100 scholars, students, and secondary teachers participated in the 9th Wu Ta-you Science Camp.

Great Annual Tradition Welcomes Freshmen

Each year, the Science Society organizes an evening of fun, excitement, and energy for incoming freshmen to the Faculty of Science called Sci Fac Time. This year's event was held on 12 August, 2010. Faculty Dean **Prof. NG Cheuk-yiu** and Associate Dean (Student Affairs) **Prof. Dickon NG Hang-leung**

came to show their support of this great annual tradition of our faculty. During one of the highlights of the evening, the Mathematics Society danced their way to victory in the camp dance competition.

Some photo highlights of this event are as follows:





Upcoming Events:

CUHK will be holding its annual **Open Day** on **Saturday, 9 October 2010**. The event is scheduled between 08:30 - 17:30. For details, please visit the official website:

<http://www.cuhk.edu.hk/oday/>

The ICAC will hold a talk for the Faculty of Science in October. The talk will cover the anti-corruption legislation, common corruption pitfalls at the workplace and the importance of work ethics.

All are welcomed!

Work Ethics and Corruption Prevention 職業道德與防貪培訓

Date: Friday, 15 October 2010

Time: 15:00 - 16:00

Venue: LT5, Lady Shaw Building



FACULTY OF SCIENCE, THE CHINESE UNIVERSITY OF HONG KONG
香港中文大學理學院

Design a new logo for the Faculty of Science, CUHK!
為中文大學理學院設計一個新的標誌!

**"Faculty of Science
Logo Design Competition"**
「理學院標誌設計比賽」

The winning design will be featured in the new official webpage of the Faculty of Science and Faculty of Science publicity materials. 勝出設計將會用於理學院的網頁上和理學院相關之宣傳品上。

How to Enter 參加辦法:
All PG/UG students of the Faculty of Science are eligible to participate. 所有理學院的本科生或研究生均可參加。

Prizes 獎金:
Winning entry 總冠軍 \$1000
1st-runner up 亞軍 \$500 2nd-runner up 季軍 \$250

For details, please visit 詳情請瀏覽:
www.cuhk.edu.hk/sci/logo

Submission Deadline 19-11-2010
截止日期: 5:00pm

Logo Key Elements 主要標誌元素:
Science CUHK
(optional elements 另可選擇附上):
理 中 大

Faculty of Science, The Chinese University of Hong Kong
香港中文大學理學院

**Faculty of Science and Schools/Departments'
Introduction Video Competition**
理學院及學院/學系介紹影片比賽

Purpose 比賽目的:
為使各界人士更了解本院各項課程, 故誠意邀請各理學院同學踴躍參加「理學院及學院/學系介紹影片比賽」活動。希望透過同學製作的短片, 生動地呈現理學院及各主修課程概況及特色, 加強大眾對香港中文大學理學院的印象。

Eligibility & Grouping 參賽資格及組別
The competition is divided into 7 groups. 比賽分為七個組別, 分別為:
1. (理學院) (Faculty of Science)
2. (化學系) (Department of Chemistry)
3. (中醫藥學院) (School of Chinese Medicine)
4. (生命科學學院) (School of Life Sciences)
5. (數學系) (Department of Mathematics)
及《數學與信息工程學雙學位課程》
(Double Degree in Mathematics and Information Engineering)
6. (物理系) (Department of Physics)
7. (統計學系) (Department of Statistics)
(風險管理科學課程) (Risk Management Science Programme) 及《計量金融學及風險管理科學跨學科主修課程》
(Interdisciplinary Major Programme in Quantitative Finance and Risk Management Science)

In order to let people to have better understanding towards the major programmes, we are inviting all Faculty of Science students to participate in the Faculty of Science and Schools/Departments' Introduction Video Competition. We are hoping that students can produce videos to introduce the Faculty and programmes and highlight their characteristics, so as to reinforce the images of Faculty of Science, CUHK.

所有理學院本科生/研究生均可參賽
Open to all Science Faculty UG/PG students

用上最多8分鐘(學系影片)或最多15分鐘(理學院影片)來介紹吧!
Show your passion and talent by using at most 8 mins to introduce your Department/School, or at most 15 mins to introduce the Faculty.

Prizes 獎項
HKD\$3000 for Champion of Group 1
HKD\$2000 for Champions of Groups 2 to 7
理學院組冠軍可獲得現金\$3000
其他組別之冠軍均可獲得現金\$2000

For details, please visit:
詳情請參考以下網址:
<http://www.cuhk.edu.hk/sci/vcomp>

截止日期 Deadline 19-11-2010 17:00

可以個人或不多於四人的團隊參賽
Individuals or teams with no more than 4 can enter

The Faculty of Science is calling all passionate, talented science students to show their creativity by submitting a video to introduce the Faculty or their School/Department in the Faculty of Science and Schools/Departments' Introduction Video Competition. Students may also submit a brand-new design of the Faculty of Science logo to the Faculty of Science Logo Design Competition. Show your passion and pride, enter your creative masterpiece to

win up to HK\$3000! For complete details, please click to visit the following websites:

[Faculty of Science and Schools/Departments' Introduction Video Competition](http://www.cuhk.edu.hk/sci/vcomp)

[Faculty of Science Logo Design Competition](http://www.cuhk.edu.hk/sci/logo)

理學院通信 Faculty of Science Newsletter

地址: 香港新界沙田香港中文大學科學館北座G43室

Address: G43, Science Centre North Block, CUHK, Shatin, N.T.

電話 / Tel: 2609 6327 傳真 / Fax: 2603 5156

電郵 / Email: sfo@cuhk.edu.hk

網址 / Website: <http://www.cuhk.edu.hk/sci/>

