

# 中大化學校友通訊

Chemistry Alumni Newsletter  
(Department of Chemistry, CUHK)

二零一六年七月號  
Jul 2016

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## *Excellence in Teaching and Learning Honoured*

Faculty Exemplary Teaching Award 2015 (Faculty of Science): Prof. LEE Hung Kay

Dean's Honours List (2014-2015): Au Yik Ki, Chan Chi Kit, Chan Kin San, Chow Tsz Him, Chu Chun Ho, Hui On Yu, Lam Tsz Ha, Law Ching Man, Leung Yee Ting, Ng Yik Kwong, Sze See Yuen, Wong Hoi Ki, Wong Yim Fung, Wu Weijing.

## Springer Thesis Prize 2015

Dr. ZHAO Da has been awarded the Springer Thesis Prize 2015 and his research work with title "Functionalization of Carborane via Carboryne Intermediates" will be published in the Springer Theses.

## 香港化學奧林匹克比賽季軍獎

由香港化學學會(Hong Kong Chemical Society)及英國皇家化學學會(Royal Society of Chemistry)主辦的第二十七屆「香港化學奧林匹克」於二月二十七日舉行，主題為“Chemistry and Justice”。比賽目的為培養年青人對化學的興趣。代表本系出賽的三年級同學陳頌怡、張以諾及羅樂宜表現出眾，榮獲季軍獎。



## 化學講座(與英國皇家化學學會 Royal Society of Chemistry 合辦)

### Lectures on Modern Chemistry 2016 (30/4/2016 & 7/5/2016)

“Amazing Molecules that Changed the World”

by Prof. Gavin C. Tsui

“Pattern Formation by Reaction and Diffusion”

by Prof. Bo Zheng

“The Chemistry of Fat and Its Derivatives”

by Dr. George F. Wong

“Organic Chemistry and Pharmaceuticals”

by Prof. Tony K. M. Shing



### Contemporary Chemistry Lectures for Secondary School Teachers 2016 (21/5/2016)

“DNA Repair - 2015 Nobel Prize in Chemistry”

by Prof. Jiang Xia

“Modern Fuel Cells”

by Prof. Steve Y.-L. Tse





# 校友通訊

本系校友、加拿大西安大略大學 (University of Western Ontario) 化學系教授岑俊江獲頒發加拿大勳章，以表揚他在建立加拿大光源研究設施及同步輻射應用的貢獻，詳情請參閱《倫敦大眾時報》專訪岑俊江教授：

[http://www.chem.cuhk.edu.hk/doc/alumni/ProfTKSham\\_08Jul16.jpg](http://www.chem.cuhk.edu.hk/doc/alumni/ProfTKSham_08Jul16.jpg)

其他相關報導：

<http://www.rcinet.ca/zh/2016/06/30/57638/>

<http://info.51.ca/news/canada/2016-06/432513.html>

<http://vancouver.singtao.ca/633113/2016-07-01/?variant=zh-hk>



岑俊江教授伉儷出席2010年  
J. C. Polanyi Award 頒獎晚宴

Bio: Tsun-Kong (T.K.) Sham

T.K. Sham obtained his PhD in Chemistry from the University of Western Ontario in 1975 under the supervision of Professor Mike Bancroft and earlier a B.Sc. (honors, 1<sup>st</sup> class) in Chemistry from the Chinese University of Hong Kong. After a postdoctoral fellowship at Western, he joined the Chemistry Department at Brookhaven National Laboratory in 1977 as a Research Associate with Dr. Morris L. Perlman and Dr. Richard E. Watson, working up the ladder to the position of Chemist. Then he came back to Hong Kong and served the Department of Chemistry of the Chinese University of Hong Kong as a lecturer between 1985 to 1987. He returned to Western in 1988 as an Associate Professor, became Professor in 1991. He is presently a Tier I Canada Research Chair in Materials and Synchrotron Radiation (3<sup>rd</sup> term until 2023). From 1999 to 2008, he was the Director of the Canadian Synchrotron Radiation Facility (CSR) at the Synchrotron Radiation Center, University of Wisconsin-Madison, building a synchrotron research community for Canada. He is a founding member of and a beam team leader for three soft X-ray beamlines at the Canadian Light Source (CLS) in Saskatoon. CLS began operation in 2005.

Dr. Sham's research interests are in the chemistry and physics of materials and the development and application of synchrotron radiation, especially the interplay of electronic structure, materials properties and performances of materials in a given functionality with synchrotron techniques. Expertise includes nanomaterial synthesis, bimetallic systems, surface and interface, photoemission, X-ray absorption, photon-in photon-out (X-ray emission, X-ray excited optical luminescence, resonant and non-resonant inelastic X-ray scattering) and X-ray microscopy. His recent interest concerns nanostructure phase transition and assembly of nanocomposites with desired functionalities, in situ/in operando studies of energy materials and devices (solar cell, Li ion batteries, fuel cells and catalysis) using synchrotron radiation, X-ray induced optical luminescence from nanostructures in the energy and time domain, microbeam analysis of tissues, nanomaterials for drug delivery and cultural and heritage materials.

Dr. Sham has published over 465 papers in refereed journals and conference proceedings with citations over 11600 and an h-index of 53 (Google Scholar). Recent accolades include "Distinguished University Professor" of Western University (2015), Fellow of Royal Society of Canada (2012), "J.C. Polanyi Award" of the Canadian Society for Chemistry (2010), "Distinguished Research Professorship" from Western (2005), the Award of Merit of the Federation of Chinese Canadian Professionals (Ontario) for contribution to society (2004) and the Florence Bucke Prize of the Faculty of Science (1994). His lab has produced many highly qualified personnel (HQP); Seven are now faculty members at universities in Canada and abroad, many are researchers in industry, and staff at CLS and synchrotrons in Europe, US and Asia. In addition to research and teaching, he engages actively in national and international scientific community affairs. He served as a member of the Board of Directors for the CLS (2001-2006) and Chair (2003-2006) of the International X-ray Absorption Society (IXAS). In 2012 he found the Soochow University - Western University Centre for Synchrotron Radiation Research, a joint effort between Soochow University in China and Western University in Canada to promote international collaboration in research and education.