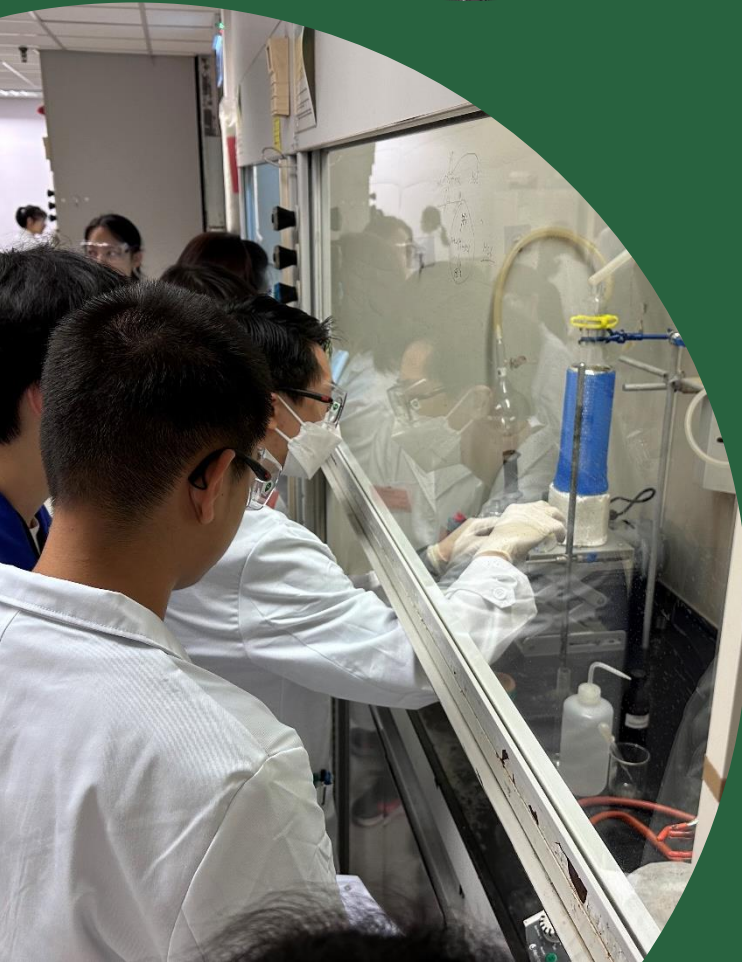
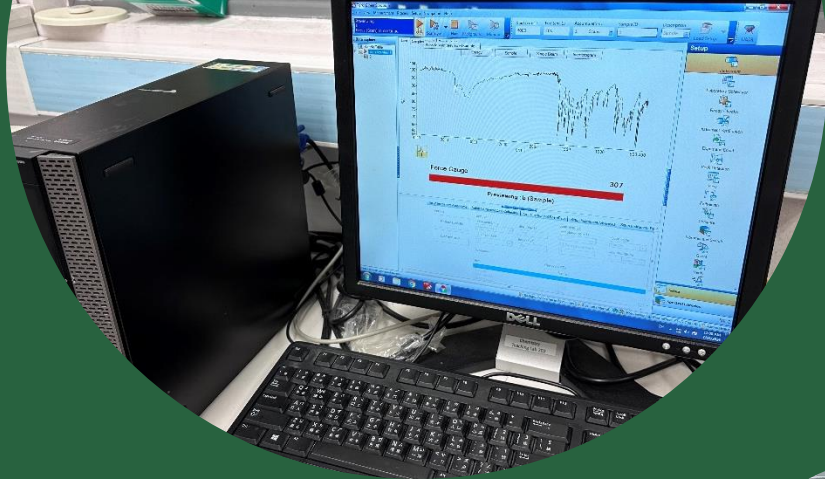


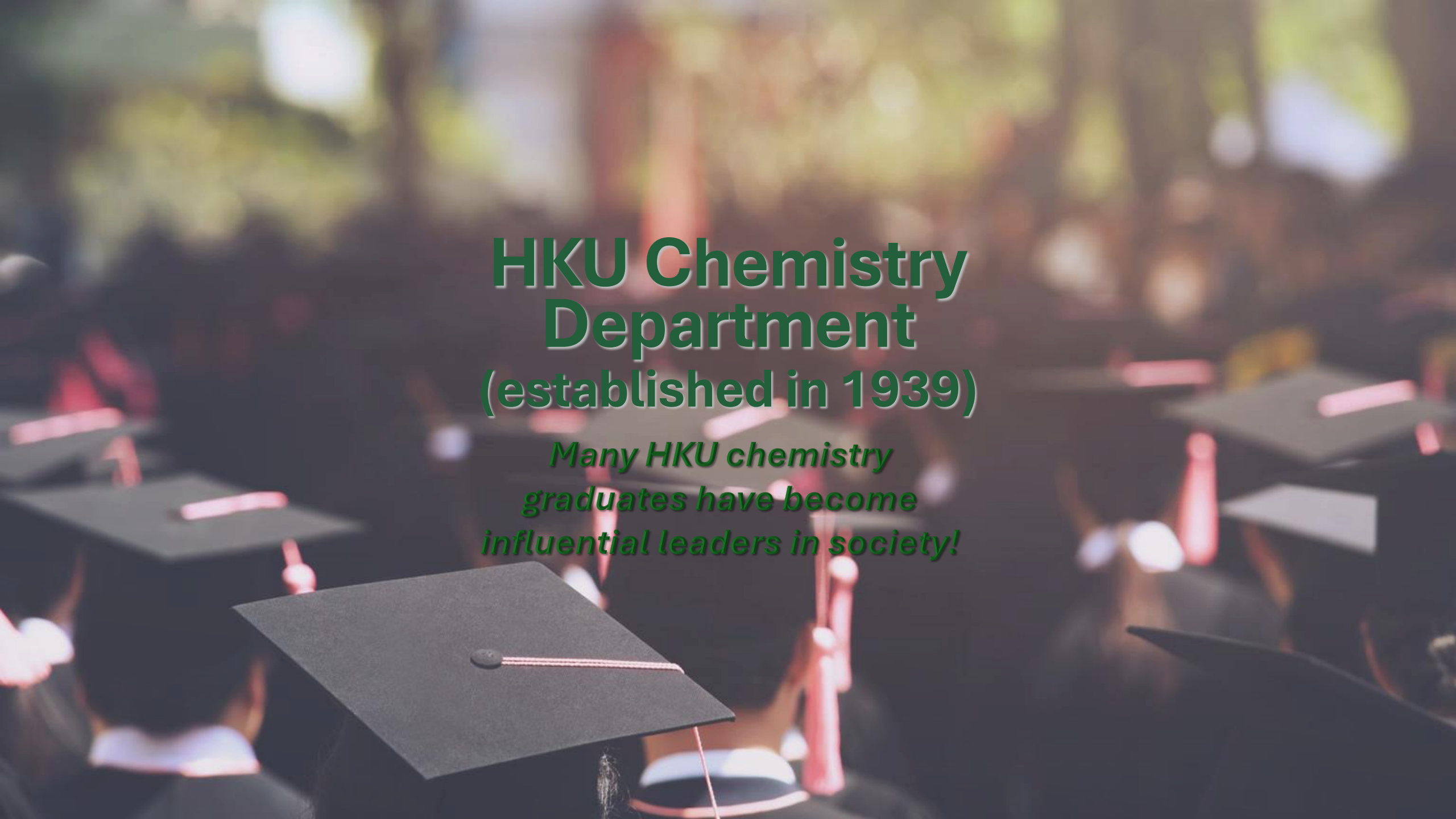


Department of Chemistry

Faculty of Science
The University of Hong Kong

BSc. Chemistry Major (96 credits)
BSc. Intensive Chemistry Major (144 credits)





HKU Chemistry Department (established in 1939)

*Many HKU chemistry
graduates have become
influential leaders in society!*

Chemistry Alumni: Leaders in Society



Prof. POON, Chung-Kwong
President Emeritus of HK PolyU(1991-2008)



Prof. CHENG, Kin Fai
Emeritus College Principal of HKU SPACE Community College;
Former Dean of Science, HKU



Dr. the Hon FAN HSU, Rita Lai-Tai
President of the Legislative Council, HKSAR (1997 – 2008)



Ms. LEE, Oi Lin
Former Deputy Executive Director of VTC



Dr. POON, Patrick Sun-Cheong
Chairman of Harvest SCP Group Company Limited



Dr. LEUNG, Wing Tai
President of Lumina College;
Ministry Advisor of Breakthrough



Mr. CHAN Wing Luk
Financial Commentator



Dr. CHUNG, Margaret Wai Ling
Director and Biomedicine Consultant, Amazing Grace Holistic Health Care Center



Prof. CHE, Chi-Ming
Zhou Guangzhao Professor in Natural Sciences; Member of the Chinese Academy of Sciences; Foreign Associate of the US National Academy of Sciences



Prof. YAM, Vivian Wing-Wah
Philip Wong Wilson Wong Professor in Chemistry and Energy; Member of the Chinese Academy of Sciences; Foreign Associate of the US National Academy of Sciences



Dr. CHAN WONG, Anissa Lai Kuen
Principal of St Paul's Co-educational College (2004 – 2017)



<https://www.scifac.hku.hk/alumni/science-family>

Dedicated Team of Chemistry Teachers



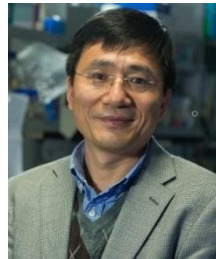
Prof. X Y Li



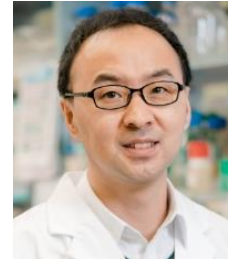
Prof. C M Che



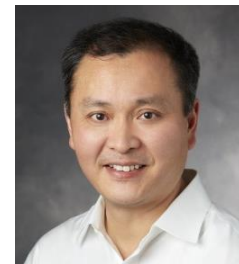
Prof. V W W Yam



Prof. H Z Sun



Prof. X C Li



Prof. H J Dai



Prof. G H Chen



Prof. Z X Guo



Prof. D L Phillips



Prof. P. Chiu



Prof. X Li



Prof. J Y Tang



Prof. H Y Au-Yeung



Prof. I K Chu



Prof. R H Dong



Prof. H B Jiang



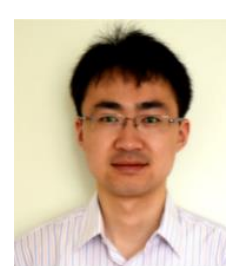
Prof. K. Okuro



Prof. P H Toy



Prof. E C M Tse



Prof. Y F Wang



Prof. J Yang



Prof. Z X Huang



Prof. J He



Prof. Y X Li



Prof. J Z Liu



Prof. A X Y Chen



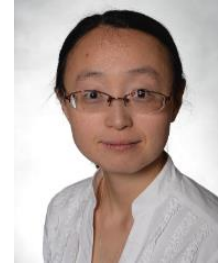
Prof. S F Hu



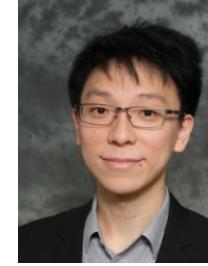
Prof. S K Lee



Prof. A M Li



Prof. Y Li



Dr. K K H Ng



Dr. A M Y Yuen



Dr. A T L Li

HKU Chemistry is a Research-active Department

Research
funds:

Health@InnoHK Programme - The Laboratory for
Synthetic Chemistry and Chemical Biology
Project Leader: Prof. Che-Ming Che

AIR@InnoHK Programme - The Centre of Machine
Learning for Energy Materials and Devices **Project Leader:**
Prof. Guanhua Chen

NSFC/RGC Joint Research Scheme

Discovery of Novel Molecular Glue Molecules by Using
DNA-encoded Chemical Libraries (DELs)

Project Leader: Professor Xiaoyu Li

**Innovation and Technology Commission's RAISE+
Scheme-** Innovative Molecular Emitters for Practical
OLEDs and Wearable Devices

Project Leader: Prof. Che-Ming Che

Transformative Proprietary Gold(III) Luminescent Materials
for Innovative Applications

Project Leader: Prof. V W W Yam

<https://chemistry.hku.hk/research/areas/>

HKU Chemistry Earns Internationally Acclaimed Awards



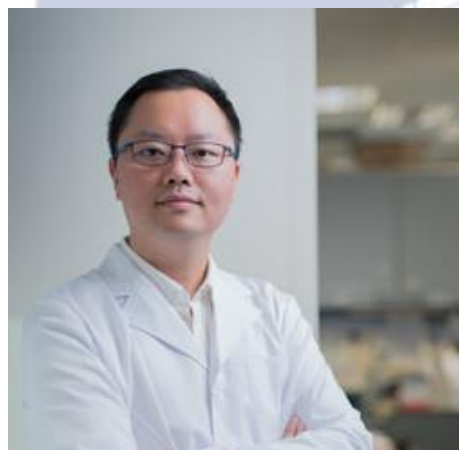
2021 Silver Bauhinia Star



2022/23 Bailer Medalist and Lectureship
International Union of Pure and Applied Chemistry 2025 Award



2023 RSC's Dalton Horizon Prize
2023 HKU Innovator Award



2024 National Natural Science Foundation (NSCF) Distinguished Young Scholars
2024 Tetrahedron Young Investigator Award (Bioorganic and Medicinal Chemistry)



2023 BOCHK Science and Technology Innovation Prize in New Materials and New Energy
2024 National Natural Science Foundation (NSFC) Distinguished Young Scholars

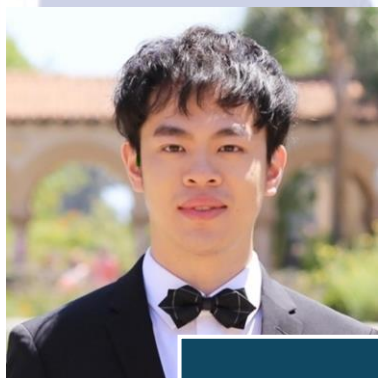


2023 Contribution Award in Carbohydrate Chemistry
2023 Innovation Award for Exceptional Contributions in Peptide Synthesis and Peptide Drug Development

HKU Chemistry Earns Internationally Acclaimed Awards



2024 National Natural Science Foundation of China
Excellent Young Scientist Award
2023 Chinese Chemical Society Young Chemist Award



2024 National Natural Science Foundation NSFC
Excellent Young Scientist

The National Natural Science Foundation of China
(NSFC) - Distinguished Young Scholars Fund 2025

- Professor David Xiang LI (2025)
- Professor Jinyao TANG (2025)

The National Natural Science Foundation of China
(NSFC) - Excellent Young Scientist Fund

- Professor David Xiang LI (2019)
- Professor Yufeng WANG (2020)
- Professor Junzhi LIU (2021)
- Professor Zhongxing HUANG (2023)

NSFC/RGC Joint Research Scheme 2024/25

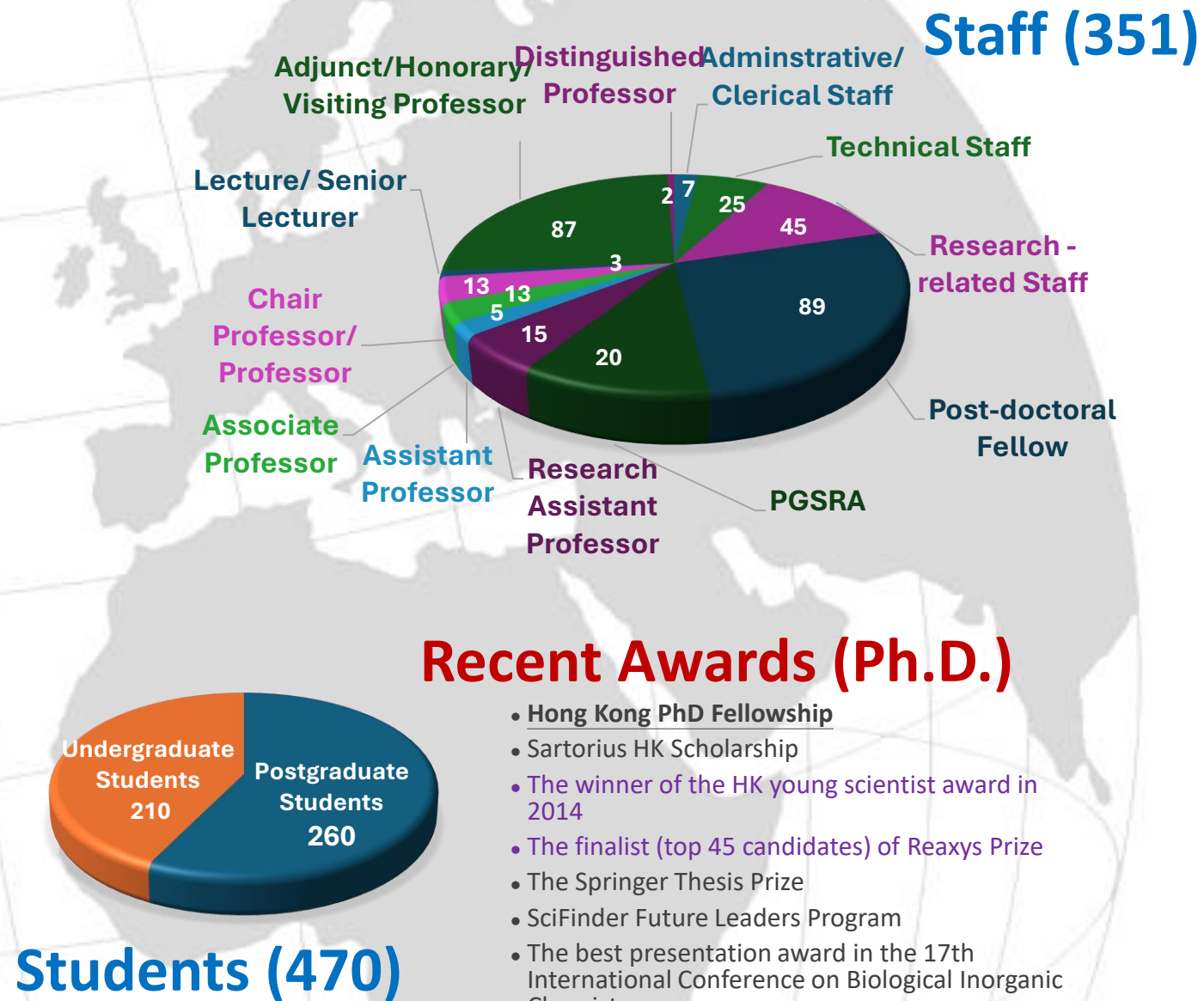
- Professor Junzhi LIU (2024)

Tetrahedron Award

- Professor David Xiang LI (2023)

Major Achievements

- Croucher Senior Research Fellows (8)
- Croucher Innovation Award (1)
- QS World University Rankings by Subject 2024: Chemistry – 45th in the World
- *International member of the United States National Academy of Sciences (2)*
- *Members of the Chinese Academy of Sciences (2)*
- Foreign Member of Academia Europaea (1)
- Fellows of TWAS, The World Academy of Sciences (2)
- **Fellow of the American Physical Society (1)**
- Royal Society of Chemistry Centenary Medals (2)
- Royal Society of Chemistry Ludwig Mond Award (1)
- *TWAS Prizes in Chemistry (2)*
- State Natural Science Awards (one **First Class Prize** and one Second Class Prize) (2)
- L'ORÉAL-UNESCO Awards for Women in Sciences – Laureate (1)
- Chinese Young Women in Science Fellowship (1)
- Seaborg Lectureships at UC Berkeley (2)
- Edward Clark Lee Lectureship at the University of Chicago (2)
- Lavoisier Lectureship at the University of Paris Diderot 7 (1)
- Novartis Chemistry Lectureship Award (1)
- Davison Lectureship at MIT (1)
- Earl L. Muetterties Lectureship at UC Berkeley (1)
- **Royal Society of Chemistry's 2023 Dalton Horizon Prize (1)**
- **Tetrahedron award (1)**



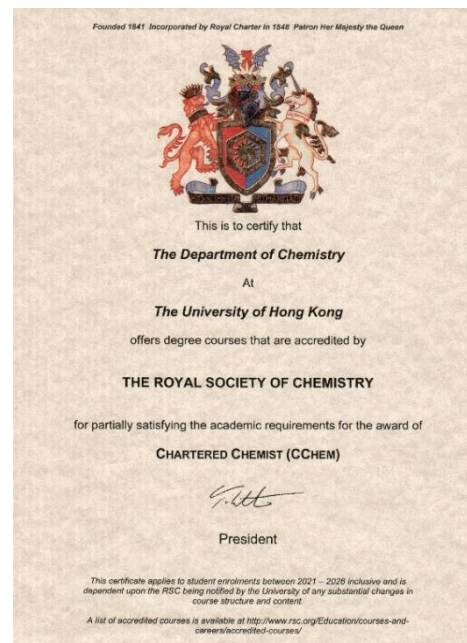
Recent Awards (Ph.D.)

- Hong Kong PhD Fellowship
- Sartorius HK Scholarship
- *The winner of the HK young scientist award in 2014*
- *The finalist (top 45 candidates) of Reaxys Prize*
- The Springer Thesis Prize
- SciFinder Future Leaders Program
- The best presentation award in the 17th International Conference on Biological Inorganic Chemistry
- The Best Poster Presentation Award - The 5th Asian Conference on Coordination Chemistry Committee
- Croucher Postdoctoral Fellowship

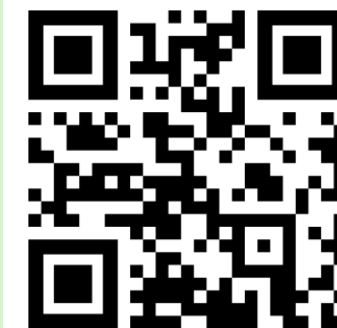
2 Choices for the Chemistry Major Curriculum

- **Major in Chemistry(96 credits)**
 - Organic, Inorganic, Physical and Analytical Chemistry
 - Interdisciplinary Elective Courses
- **Intensive Major in Chemistry (144 credits)**

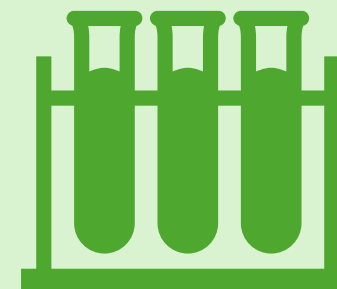
*Accredited by RSC since 2015;
Re-accredited in Mar 2021 and Mar 2026*



Chem Major

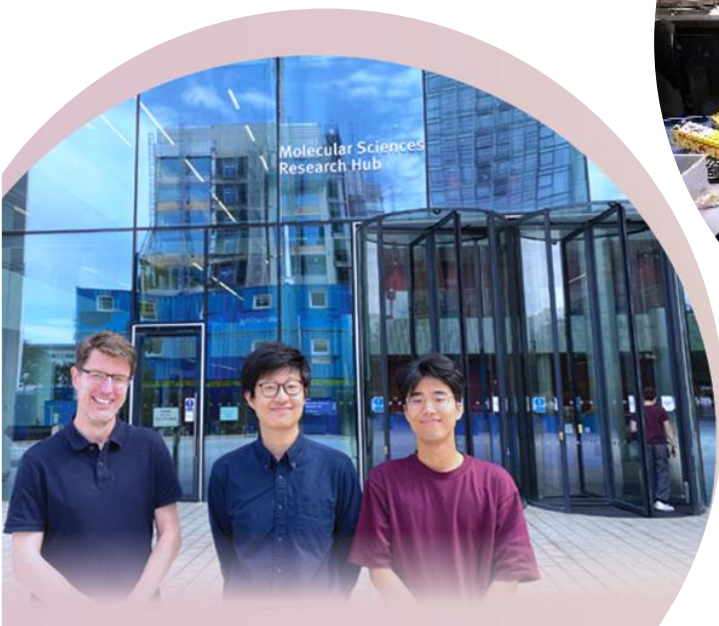
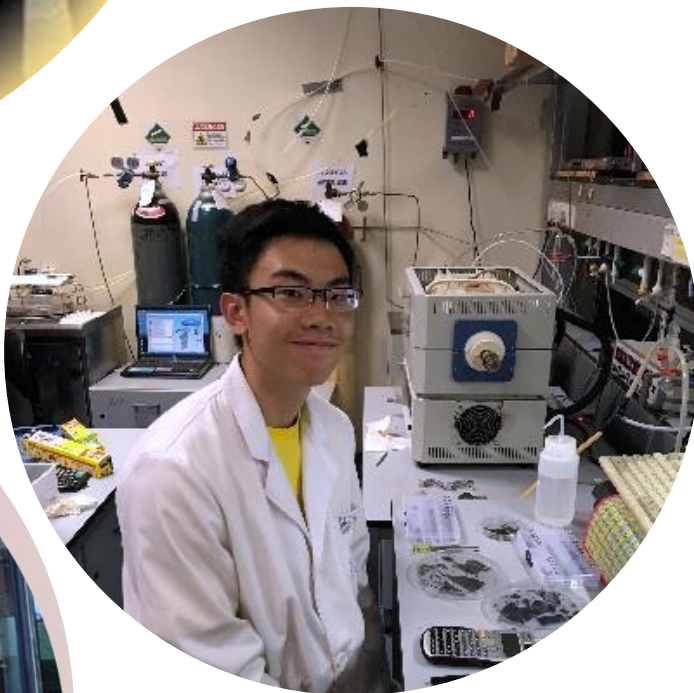


Chem Intensive Major



Diverse Learning Experiences For Chemistry Students

- Summer Research Opportunity at Imperial College London
- Professional Development for Chemistry Majors at Yonsei University in South Korea
- Exchange Studies at National University of Singapore (For Chemistry Major Students only)
- Exchanges Studies at UC Berkeley, Pembroke College, University of Cambridge ... (HKU Worldwide Student Exchange)
- Chemistry Internship
- Undergraduate Research



https://chemistry.hku.hk/current_students/opportunities/



Career Prospects for Chemistry Graduates in Different Sectors

Studying Chemistry is an excellent way to develop one's intellect

