

If you are not able to read the email properly, please click [here](#).



January 2025



15 College of Science Scholars Listed Highly Cited Researchers 2024

Fifteen researchers from the College of Science (CSCI) were named Highly Cited Researchers 2024 by Clarivate, which accounts for almost half of the City University of Hong Kong (CityUHK)'s list of 32 awardees. Among them, Professor David Xiongwen Lou from the Department of Chemistry is one of the 22 researchers in the world who have been awarded in three or more categories. Professor Hua Zhang, also from the Department of Chemistry, is among the 216 researchers in the world who have been awarded in two categories. [Read more](#)

News and Achievements



CSCI Scientists Win Five Awards at Asia Exhibition of Innovations & Inventions

Researchers from CityUHK achieved remarkable success at the 4th Asia Exhibition of Innovations & Inventions Hong Kong (AEII), winning 25 awards and being the highest among local universities. Among them, three Gold Award-winning and two Silver Award-winning teams comprise members from the College of Science. [Read more](#)

Prof. Guangyu Zhu Received Award from Asian Society of Biological Inorganic Chemistry

Professor Guangyu Zhu, Head and Professor of the Department of Chemistry, recently received the James Hoeschele AsBIC Award from the Asian Society of Biological Inorganic Chemistry (AsBIC). Professor Zhu, the second scientist from China to receive this award, was invited to the AsBIC conference to receive the award and delivered a plenary lecture titled “Biomedical Applications of Platinum Coordination Complexes” on 5 December 2024. [Read more](#)



Prof. Hua Zhang Awarded Croucher Fellowships and Bank of China Science & Tech Innovation Prize

Professor Hua Zhang, an expert in nanomaterials and the Herman Hu Chair Professor of Nanomaterials from the College of Science's Department of Chemistry, recently received two prestigious awards: the Croucher Senior Research Fellowships 2025-26 and the Bank of China (BOCHK) Science and Technology Innovation Prize (STIP). Being bestowed the Croucher Senior Research Fellowship, he will be offered a grant of \$2 million for research work and will be relieved of all teaching and administrative duties for one year to do full-time research in Hong Kong. [Read more](#)

Prof. Sunny Wang Named Global Spotlight Member by APS

In a recent feature by the American Physical Society (APS), Professor Sunny Wang from the Department of Physics has been named the “Global Spotlight Member”, recognising his contributions to advancing global scientific collaboration. Highlighted as part of APS's Global Spotlight series, the feature underscores Professor Wang's pivotal role in fostering international partnerships and driving cutting-edge research in physics. Professor Wang's engagement with global scientific networks have led to breakthroughs in fields like quantum information processing. [Read more](#)



Recipient of RGC's Research Impact Fund 2024/25

Prof. Zonglong ZHU

Associate Professor
Department of Chemistry



CSCI Chemist Receives Highest Funding among CityUHK's RGC Research Impact Fund Recipients

Professor Zonglong Zhu from the Department of Chemistry has been awarded the Research Grants Council (RGC)'s Research Impact Fund 2024/25. Titled "Advancing Sustainable and Closed-loop Eco-friendly Emerging Perovskite Photovoltaic Technologies", the awarded project he led received \$7.7 million in funding from RGC, the highest among the five CityUHK's awarded projects. On top of that, CityUHK will match \$3.3 million, which makes the total funding for this project reach \$11 million. [Read more](#)

CSCI Physicist Awarded Funding from NSFC/RGC Collaborative Research Scheme

Three research projects led by CityUHK scholars have been awarded funding under the 2024/25 National Natural Science Foundation of China (NSFC) and the Research Grants Council (RGC) Collaborative Research Scheme (CRS). Professor Jeff Ou, Chair Professor of the Department of Physics, leads the "Unbalanced Quantum Interferometers with Optical Path Difference Beyond Coherence Length and Their Applications in Sensing and Quantum Information" project. [Read more](#)

AWARDEE OF NSFC/RGC COLLABORATIVE RESEARCH SCHEME 2024/25

Congratulations!

**PROFESSOR
JEFF OU ZHEYU**
Chair Professor
Department of Physics



CityUHK Team Won Gold Medal and Best Education Award in iGEM

CityUHK team "BEVATECH", led by Professor Maria Babak from the Department of Chemistry, won the Gold Medal and the Best Education Award in the International Genetically Engineered Machine (iGEM) Competition 2024 in Paris. Their project focused on developing a rapid, affordable test for detecting fake "Bevacizumab", a life-saving cancer drug, using cutting-edge aptamer technology. The team included students from Department of Chemistry and other Departments.

Leaps in Science Subject Rankings

CityUHK has performed remarkably well in the latest global rankings: ranked 25th globally among 749 universities, eighth in Asia and second in Hong Kong in the “Times Higher Education Interdisciplinary Science Rankings 2025 in association with Schmidt Science Fellows”. Also, CityUHK was ranked second in Hong Kong in the ShanghaiRanking’s 2024 Academic Ranking of World Universities (ARWU), neck-and-neck with the Chinese University of Hong Kong. [Read more](#)

CityUHK Ranks HK’s No.2

in both THE and ARWU Rankings

▶ THE Interdisciplinary Science Rankings 2025 in association with Schmidt Science Fellows

▶ ShanghaiRanking’s 2024 Academic Ranking of World Universities (ARWU)



Reconnecting CSCI Alumni

CHEMISTRY

CityUHK Alumni Homecoming 2024



Reconnecting Alumni: CityUHK Alumni Homecoming 2024

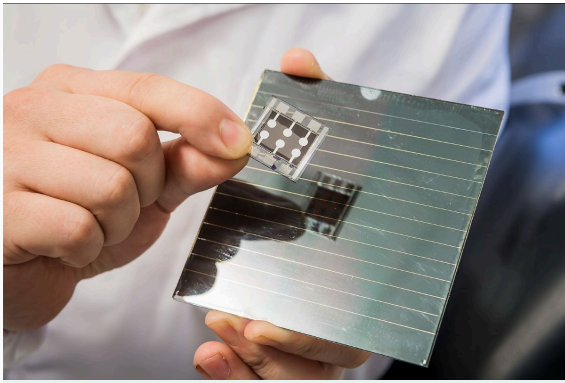
Celebrating the 30th anniversary of CityUHK, CSCI presented exciting programmes for science alumni and their family members in the Alumni Homecoming 2024 event on 2 November 2024. 48 Maths alumni and their family members joined the Alumni Reunion Lunch organised by the Department. 52 participants had a hands-on experience tailoring hand cream in the “Exploring Cosmetic Chemistry” workshop, organised by the Department of Chemistry. Department of Physics delivered two seminars, titled “Generative AI for Diagnostic Medicine”, to 22 participants. [Read more](#)

Alumnus Brings Students Back to CityUHK for Talk and Campus Tour

Two secondary school teachers from the Jockey Club Man Kwan EduYoung College, including one BSc in Computing Mathematics (BSCM) alumnus, brought 29 students to CityUHK for a day tour on 3 December 2024. The group attended the “Turnabout: Math in Courtroom” talk, delivered by Professor Jon Lo, Associate Professor from the Department of Mathematics and the Admission Tutor of BSCM. Professor Lo offered the group a campus tour after the talk. [Read more](#)



Research

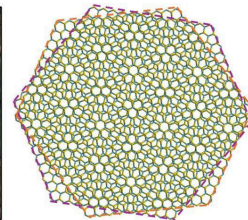
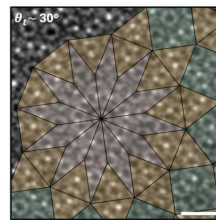


Streamlining Solar Cell Structure and Fabrication for More Affordable Energy

A new fabrication technique for substantially enhancing the prospects of commercialising perovskite solar cells through improved stability, reliability, efficiency and affordability is underway at CityUHK, pioneered by a research team led by Professor Zonglong Zhu of the Department of Chemistry. Published in *Science*, the simple device structure that the research team has built can facilitate future industrial production. [Read more](#)

Observation of New Vortex Electric Field Signals Strong Potential for Assorted Devices

A new vortex electric field with the potential to enhance future electronic, magnetic and optical devices has been observed by CityUHK researchers, including Professor Thuc Hue Ly of the Department of Chemistry. The research, published in *Science*, can upgrade the operation of many devices, including strengthening memory stability and computing speed. With further research, the discovery of the vortex electric field can even later impact the fields of quantum computing, spintronics, and nanotechnology. [Read more](#)



College of Science, City University of Hong Kong

T: (852) 3442 4567 | E: csci.office@cityu.edu.hk | W: <https://www.cityu.edu.hk/csci>

Copyright (C) 2025 City University of Hong Kong. All rights reserved.

[Unsubscribe](#) if you no longer wish to receive our emails.