

CHUI SIU WA

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EDUCATION

THE UNIVERSITY OF HONG KONG

Hong Kong

Bachelor in Biomedical Sciences cGPA: 3.82 Graduated with First Class Honour

Aug 2020-Jun 2024

Minor in Biotechnology and Clinical Trial Management, Minor in Human Resources Management (FSS)

EXCHANGE STUDENT: UNIVERSITY OF GLASGOW Glasgow, United Kingdom

Study abroad coursework in Biomolecular Sciences Grade: A4

Sep 2022 – Jan 2023

QUALIFICATION

Hong Kong Diploma of Secondary Education (HKDSE)

Chinese: 5** English: 5* Mathematics: 5* Liberal Studies: 5** Biology: 5* Chemistry: 5 Physics: 5*

IELTS (Academic)

Overall: 8.0 CEFR: C1 Listening: 8.5 Reading: 8.5 Writing: 7.0 Speaking: 7.0

AWARDS & SCHOLARSHIP

• Croucher Studentship with Butterfield Award (Croucher Foundation)	HKD	260,000	2024-2028
• Sir Edward Youde Memorial Fellowship for Postgraduate Students (SEYM)	HKD	50,000	2024-2025
• HKU Presidential PhD Scholarship (HKU)	HKD	1,673,200	2024-2028
• Undergraduate Research Fellowship Programme (URFP) (HKU)	HKD	20,000	2023-2024
• HKSAR Reaching Out Award (HKSAR Government Scholarship)	HKD	10,000	2022-2023
• HKU Worldwide Scholarship (HKU)	HKD	2,000	2022-2023
• HSBC Greater Bay Area Scholarship (HSBC / HKFYG)	HKD	80,000	2022-2023
• Biomedical Sciences Overseas Internship Scholarship (HKU)	HKD	18,000	2021-2022
• Innovation and Technology Scholarship (ITC / HSBC / HKFYG)	HKD	150,000	2021-2022
• AIA Scholarship (AIA)	HKD	200,000	2020-2024
• Chan Siu Wo Scholarship for Medical Students 2021-2022 (HKU)	HKD	16,500	2020-2021
• Medical Dean's Scholarship (HKU)	HKD	15,000	2020-2021

EXPERIENCE

Student Research Assistant	State Key Laboratory of Pharmaceutical Biotechnology, HKU	2023-current
•	Characterisation of protein for disease biomarker discovery	
Summer Research Assistant	Ori Capital / Highlight Capital	2023-2023
•	Conducted market analysis on cancer therapies and biotech-related technology	
•	Assisted in the development of the AI platform for clinical trial progress monitoring	
Semester Lab Attachment	Centre for the Cellular Microenvironment (CeMi) – University of Glasgow	2022-2023
•	Characterized human primary cells on 2D and 3D metal lattice structures with fibronectin coating	
Summer Lab Attachment	Biointerface – University of Cambridge	2022-2022
•	Developed artificial wound with 3D bioprinting	
•	Assisted in validating deployable fibre printing robot for wound healing detection	
Student Research Assistant	Department of Ophthalmology, HKU	2021-2023
•	Investigated the effect of collagen-coated 3D printed metal plates on mouse pre-osteoblasts	
•	Developed 3D-printed metal microfluidic chip as an in vitro orthopaedic model	
Research Officer	Koln 3D Technology (Medical) Limited, Hong Kong	2021-2024
•	Organized local and international medical seminars	
•	Conducted research in biocompatibility and osteointegration for orthopaedic implants	

EXTRA-CURRICULUM ACTIVITIES

• Forum Ambassador of the Hong Kong Laureate Forum	HKLF	Nov 2023
• Invited oral and poster presenter in the 3rd Asia-Pacific Neuroscience Student Congress	HKSAN	Sep 2023
• Croucher summer course 'Arterial aging: from Mechanism to Applications'	Croucher Foundation	Aug 2023
• Student representatives in the National Health Commission Beijing Visiting Programme	HKU	Jul 2023

PUBLICATION

- **Chui, Z. S. W.**, Chan, L. M. L., Zhang, E. W. H., Liang, S., Choi, E. P. H., Lok, K. Y. W., Tun, H. M., & Kwok, J. Y. Y. (2024). Effects of microbiome-based interventions on neurodegenerative diseases: a systematic review and meta-analysis. *Scientific reports*, 14(1), 9558. <https://doi.org/10.1038/s41598-024-59250-w>
- **Chui, Z. S. W.**, Shen, Q., & Xu, A. (2024). Current status and future perspectives of FGF21 analogues in clinical trials. *Trends in endocrinology and metabolism: TEM*, 35(5), 371–384. <https://doi.org/10.1016/j.tem.2024.02.001> **Cover publication
- **Chui, Z. S. W.**, Xue, Y., & Xu, A. (2024). Hormone-based pharmacotherapy for metabolic dysfunction-associated fatty liver disease. *Medical review* (2021), 4(2), 158–168. <https://doi.org/10.1515/mr-2024-0007>