

HKU Summer Research Programme 2024

List of Potential Mentors

Faculty / Interdisciplinary Area:

Faculty of Dentistry

	Department / Discipline	Title	Last Name	First Name	Contact Email	Personal Homepage	Research Area(s) / Topic(s)	Remarks
1	Applied Oral Sciences & Community Dental Care	Dr	CHO	Kiho Dan	dkcho@hku.hk	https://facdent.hku.hk/about/staff-profile.php?shortname=dkcho	Dentistry, Biomaterials / 3D-printed multiphase medical scaffolds for oral and maxillofacial reconstruction.	This study aims to develop new multifunctional biocomposites and manufacturing technologies for 3D-printed medical implants that are lightweight with high strength mechanical characteristics, and can enhance hard tissue regeneration, especially for oral and maxillofacial reconstruction. During the 2024 Summer Research Programme, a variety of research approaches will be employed, including theoretical, experimental, and computational simulation methods. This project is supported by RGC Early Career Scheme Fund in Hong Kong.
2	Applied Oral Sciences & Community Dental Care	Professor	WANG	Junwen	Junwen@hku.hk	https://hub.hku.hk/cris/rp/rp00280	Bioinformatics, Computational Biology, Precision Dentistry, Cancer Genomics, Artificial Intelligence, Drug Development	
3	Oral and Maxillofacial Surgery	Dr	YANG	Weifa	teddyrun@hku.hk	https://scholar.google.com/citations?user=xYNnG2YAAAAJ&hl=en	Computer-assisted surgery/application of AI	
4	Restorative Dental Science	Professor	CHU	Chun Hung	chchu@hku.hk	https://repository.hku.hk/cris/rp/rp00022	Cariology	Knowledge in animal hard tissue study is advantageous
5	Applied Oral Sciences & Community Dental Care	Dr	QIAO	Wei	drqiao@hku.hk	https://facdent.hku.hk/about/staff-profile.php?shortname=drqiao	Host immune responses to biomaterials	
6	Applied Oral Sciences & Community Dental Care	Dr	YE	Zhou	zhouye22@hku.hk	www.yezhoulab.com	Biomaterials, Drug delivery, Tissue Engineering, Hydrogel, 3D Bioprinting	Successfully mentored one Summer Programme student in 2023