

THE UNIVERSITY OF HONG KONG
FACULTY OF DENTISTRY

Joint PhD Programme with The King's College London [KCL]

List of Intending Supervisors and Research Interests/Topics

Discipline	Name of Faculty Members in HKU	Research interests/topics	Potential joint supervisor(s) in KCL	Past/current collaboration(s), if applicable
Applied Oral Sciences	Professor Han-Sung Jung	<ul style="list-style-type: none"> • Craniofacial development • Epithelial Biology 	Professor Paul Sharpe Professor Jeremy Green Professor Abigail Tucker	Nil
Applied Oral Sciences	Professor J.P. Matinlinna	<ul style="list-style-type: none"> • Adhesion promotion in dentistry • Ceramic materials, in particular zirconia, in dentistry and dental technology • Titanium in dentistry and dental technology • Silane chemistry applications in biomaterials research • E-glass fibre-reinforced composites as novel biomaterials • Finite element analysis • Saliva chemistry 	Professor Sanjukta Deb; Professor Francesco Mannocci, Dr. Frederico Foschi	Collaboration with Professor Tim Watson previously

Discipline	Name of Faculty Members in HKU	Research interests/topics	Potential joint supervisor(s) in KCL	Past/current collaboration(s), if applicable
Applied Oral Sciences	Dr. J.K.H. Tsoi	<ul style="list-style-type: none"> • Dental materials • Biomaterials • Dental informatics • Digital dentistry • Pharmaceuticals 	Professor Sanjukta Deb	Nil
Applied Oral Sciences / Oral and Maxillofacial Radiology	Professor Michael M. Bornstein	<ul style="list-style-type: none"> • CBCT imaging to assess anatomical relevant structures in the oro-facial region • CBCT imaging for pre-surgical treatment planning 	Professor Tara Renton	Nil
Dental Public Health	Professor Edward C.M. Lo	<ul style="list-style-type: none"> • Prevention and management of dental caries, clinical and laboratory investigations • Promotion of oral health among elders 	Professor Jenny Gallagher, Professor Avjit Banerjee	Coauthored recent papers on Minimal Intervention Dentistry with Avit Banerjee

Discipline	Name of Faculty Members in HKU	Research interests/topics	Potential joint supervisor(s) in KCL	Past/current collaboration(s), if applicable
Dental Public Health	Professor May C.M. Wong	<ul style="list-style-type: none"> • Clinical trial on caries prevention and oral health promotion • Quality of life research • Biostatistics – multilevel modeling, structural equation modeling, longitudinal data analysis, spatial analysis 	Professor Avjit Banerjee, Dr. Richard Cook	Nil
Dental Public Health	Professor C. McGrath	<ul style="list-style-type: none"> • PROMs • Special Care Dentistry • Theory-based Oral Health Promotion • Community-based Clinical Trials • Scholarship of Teaching & Learning. 	Dr. Eduardo Bernabé	Nil

Discipline	Name of Faculty Members in HKU	Research interests/topics	Potential joint supervisor(s) in KCL	Past/current collaboration(s), if applicable
Endodontology	Professor C.F. Zhang	<ul style="list-style-type: none"> • Dental stem cells, pulp/dentine and periodontium regeneration • Tissue engineering on vasculature and innervation • Hydrogel scaffolds 	Professor Paul Sharpe Professor Lucy Di-Silvio Dr Sanjukta Deb Dr Eileen Gentleman	Nil
Endodontology	Dr. Prasanna Neelakantan	<ul style="list-style-type: none"> • Biofilm disruption in dental caries and root canal systems • Biofilm biology, investigation of dynamics of the microcosm of root canal microbiota • Quorum sensing systems, mechanisms of resistance and means to counteract them • Ethnopharmacological approaches and nanoparticulate disinfection 	Professor Francesco Mannocci Dr. Frederico Foschi Professor Avijit Banerjee Dr. David Moyes	Current collaboration with Professor Banerjee and Dr. Moyes
Operative Dentistry	Professor C.H. Chu	<ul style="list-style-type: none"> • Minimal Invasive Dentistry • Cariology 	Professor Avit Banerjee	Nil

Discipline	Name of Faculty Members in HKU	Research interests/topics	Potential joint supervisor(s) in KCL	Past/current collaboration(s), if applicable
Oral& Maxillofacial Surgery	Professor P. Thomson	<ul style="list-style-type: none"> • Conscious sedation • Oral surgery • Special care dentistry 	Dr. David Craig	Yes
Paediatric Dentistry	Professor C.K.Y. Yiu	<ul style="list-style-type: none"> • Dentine bonding • Dental caries and restorative management in paediatric dentistry • Oral health of children 	Professor Marie Theres Hosey	Collaboration with Professor Tim Watson previously
Periodontology	Professor L.J. Jin	<ul style="list-style-type: none"> • Periodontal pathogenesis • Innate immunity in periodontal health and disease • Periodontal medicine • Nanotechnology for oral/periodontal care 	Professor Mike Curtis (Dean) Professor Francis Hughes	Collaboration with Professor Mike Curtis previously
Periodontology	Professor Maurizio S. Tonetti	<ul style="list-style-type: none"> • Health economics of periodontal diseases and their treatment 	Dr. Mark Pennington KCL – Health Economics	Ongoing editorial collaboration Interested in setting up strategic research area

Discipline	Name of Faculty Members in HKU	Research interests/topics	Potential joint supervisor(s) in KCL	Past/current collaboration(s), if applicable
Prosthodontics	Dr. Katherine Leung	<ul style="list-style-type: none"> • Sjogren's syndrome • Xerostomia 	Professor Stephen Challacombe Professor Gordon Proctor	Nil

Faculty of Dentistry
April 2018
September 2018 (Updated)