

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 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 |
| 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 |

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|----------------------|---------------------------------------|--|---|---|
| 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 |
| 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 |

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| 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 |

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| 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 |

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| 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)
December 2019 (updated)