

School of Dentistry HDR students 29 January 2020

PhD

- Amelia Carr - *Development of bone-ligament-bone construct for orthopaedic surgery application in small joints.*
Principal Advisor: Dr Cedryck Vaquette
Associate Advisor: Prof Saso Ivanovski
- Bilal El-Masoud - *Investigation of a novel zirconia dental implant*
Principal Advisor: Prof Saso Ivanovski
Associate Advisor: Dr Michal Bartnikowski
- Tulio Fernandez - *Vertical Bone Augmentation Using Platelet Rich Plasma- PCL 3d Printed Construct*
Principal Advisor: Prof Saso Ivanovski
Associate Advisor: Dr Cedryck Vaquette
Associate Advisor: Assoc Prof Dietmar Hutmacher
- Tianqi Guo - *Biological Characteristics of Modified Titanium Implant Surfaces*
Principal Advisor: Prof Saso Ivanovski
Associate Advisor: Dr Karan Gulati
Associate Advisor: Dr Pingping Han
- Sepanta Hosseinpour Dougolsar - *The potential application of anti-stromal derived factor-1 (SDF-1) antibody and anti-vascular endothelial growth factor (VEGF) antibody for bone regeneration*
Principal Advisor: Prof Laurence Walsh
Associate Advisor: Dr Chun Xu
Associate Advisor: Dr Tianqing Liu
- Anjana Jayasree - *Nano-Engineered Dental Implants towards Tailored Therapy*
Principal Advisor: Dr Karan Gulati
Associate Advisor: Prof Saso Ivanovski

- Nicolie Jenkins – *Oral Health Workforce*
Principal Advisor: Assoc Prof Ratilal Laloo
Associate Advisor: Prof David Brennan
Associate Advisor: Prof Pauline Ford
- Andrea Kazoullis - *Interaction of Candida albicans and innate immune cells in vitro*
Principal Advisor: Dr Robert Ashman
Associate Advisor: Dr Glenn Francis
Associate Advisor: Prof Lakshman Samaranayake
- Yvonne Lai - *Improving the dental quality of life of individuals with Rett syndrome*
Principal Advisor: Dr Sobia Zafar
Associate Advisor: Assoc Prof Helen Leonard
Associate Advisor: Prof Laurence Walsh
Associate Advisor: Assoc Prof Jenny Downs
- Miriam Lee - *A comparison of periodontitis and peri-implantitis treatment modalities using fibrous and granulate biomaterials impregnated with Azithromycin in a porcine model*
Principal Advisor: Prof Saso Ivanovski
Associate Advisor: Dr Cedryck Vaquette
- Baboucarr Lowe - *High-Throughput screening of stem cell-surface interactions*
Principal Advisor: Prof Laurence Walsh
Associate Advisor: Prof Qingsong Ye
Associate Advisor: Prof Yin Xiao
- Nithin Manchery – *Oral Health in Late Adulthood*
Principal Advisor: Dr Matthew Nangle
Associate Advisor: Prof Julie Henry
Associate Advisor: Prof Perminder Sachdev

- Troy McGowan - *Integration of smoking cessation into oral health care*
 Principal Advisor: Prof Saso Ivanovski
 Associate Advisor: Prof Pauline Ford
- Ashwin Nanda - *Repairing bone defects with bioceramics using 3D printing*
 Principal Advisor: Prof Laurence Walsh
 Associate Advisor: Dr Carol Tran
- Alison Nation - *Does early access to public oral health services from 6 months of age prevent caries experience in children?*
 Principal Advisor: Assoc Prof Ratilal Lalloo
 Associate Advisor: Dr Kathryn Elsworthy
 Associate Advisor: Prof Wan Seow
- Vignesh Selvaprithviraj - *3D Bioprinted electrospun scaffold/hydrogel based multiphasic constructs for periodontal regeneration.*
 Principal Advisor: Prof Saso Ivanovski
 Associate Advisor: Dr Cedryck Vaquette
 Associate Advisor: Dr Michal Bartnikowski
- Reuben Staples - *The controlled manufacturing of fibre guiding scaffold for promoting functional periodontal ligament attachment*
 Principal Advisor: Dr Cedryck Vaquette
 Associate Advisor: Prof Saso Ivanovski
- Nicole Stormon - *Predictors of oral health in Australian children*
 Principal Advisor: Assoc Prof Ratilal Lalloo
 Associate Advisor: Prof Pauline Ford
 Associate Advisor: Prof Melissa Wake
- Srinivas Sulugodu Ramachandra - *Anti-microbial & host modulating properties of systemically administered azithromycin in periodontal diseases resistant to conventional therapy.*
 Principal Advisor: Prof Saso Ivanovski
 Associate Advisor: Dr Sang Lee

Associate Advisor: Dr Pingping Han

- Nimal Thattaruparambil Raveendran - *3D cell printed scaffolds for periodontal regeneration*

Principal Advisor: Prof Saso Ivanovski

Associate Advisor: Dr Cedryck Vaquette

Associate Advisor: Dr Michal Bartnikowski

- Arosha Weerakoon - Evaluation of micro and macroscopic properties of etch and rinse, self-etch and glass ionomer cements on bonding to young and sclerotic dentine

Principal Advisor: Assoc Prof Anne Symons

Associate Advisor: Assoc Prof Ian Meyers

Associate Advisor: Dr David Thomson

Associate Advisor: Prof Pauline Ford

- Patricia Wright - *Continuous Chelation in Endodontics with a Focus on the Novel Chelator Clodronate*

Principal Advisor: Prof Laurence Walsh

Associate Advisor: Dr William Kahler

MPhil

- Aya Alali - *The effects of nano-pillar titanium surface modification on biofilm and oral tissue cells*

Principal Advisor: Dr Sang Lee

Associate Advisor: Prof Benjamin Fournier

Associate Advisor: Prof Saso Ivanovski

- Leigh Harrison-Barry - *A Longitudinal study of early childhood caries-Results at 4-6 years*

Principal Advisor: Prof Laurence Walsh

Associate Advisor: Dr Kathryn Elsworth

Associate Advisor: Ms Margaret Pukallus

Associate Advisor: Prof Wan Seow

- Thomas Hogerheyde - *Effects of Paediatric Stainless steel crowns on primary human fibroblasts*

Principal Advisor: Dr Sobia Zafar

Associate Advisor: Prof Laurence Walsh

- Joshua Mitchell - *Vertical bone augmentation: observing extra-skeletal bone formation and resorption patterns in animal models*

Principal Advisor: Dr Cedryck Vaquette

Associate Advisor: Prof Saso Ivanovski

- Stephanie Tan - *Efficacy of cold saline irrigation on reducing post-operative complications of third molar extraction*

Principal Advisor: Assoc Prof Anthony Lynham

Associate Advisor: Dr Alistair Reid

- Mark Westaway - *Assessing the impacts of frenectomy and frenotomy in the treatment of ankyloglossia, comparing methods of treatments and physiological outcomes.*

Principal Advisor: Prof Laurence Walsh

Associate Advisor: Dr Donna Geddes