

## POSITION DESCRIPTION

<b>Position Title:</b>	Senior Research Technician
<b>Organisation Unit:</b>	School of Dentistry
<b>Position Number:</b>	TBA
<b>Type of Employment:</b>	Full-Time, Fixed Term
<b>Classification:</b>	HEW Level 5

## THE UNIVERSITY OF QUEENSLAND

The University of Queensland (UQ) is one of Australia's leading research and teaching institutions. For more than a century, we have been bringing together outstanding educators, researchers and innovators – across a range of disciplines – to inspire the next generation and to advance ideas that can benefit the world.

Today, UQ is [ranked among the world's leading universities](#) and we are consistently recognised as one of the top 5 universities in Australia.

Each year, we teach around 55,000 students across 6 faculties, located at our 3 beautiful campuses at St Lucia, Herston and Gatton – as well as online. We aspire to broaden the knowledge and skills of these students, so that they're equipped to achieve their professional goals and make a positive contribution to our society, and the world.

The University is also home to 8 research institutes and more than 100 separate research centres with an interdisciplinary community of more than 1500 researchers, who have come to UQ from all over the globe. This outstanding community of researchers is continuing to build upon UQ's long and proud tradition of discovery science, invention, innovation, translation and commercialisation.

At UQ, we recognise that our people are our greatest asset. As such, we seek to recruit innovative people who are passionate about helping us to advance our mission and broaden our impact.

Our culture is built on the things that we value most highly – the pursuit of excellence; creative and independent thinking; honesty and accountability; mutual respect and diversity; and providing support for our people. Through the promotion of these values, we're creating a culture that encourages our people to bring their very best, authentic self when they come to work at UQ.

### Faculty of Health and Behavioural Sciences

The Faculty of Health and Behavioural Sciences (HABS) is a world-class Faculty that has a coherent focus on health, well-being and behaviour change, underpinned by a strong commitment to interprofessional education and interdisciplinary research.

The Faculty presently consists of six schools and six research centres, viz.:

- School of Dentistry
- School of Health and Rehabilitation Sciences

- School of Human Movement and Nutrition Sciences
- School of Nursing, Midwifery and Social Work
- School of Pharmacy
- School of Psychology
- National Centre for Youth Substance Use Research (NCYSUR)
- RECOVER Injury Research Centre
- Queensland Alliance for Environmental Health Sciences (QAEHS)
- Centre for the Business and Economics of Health
- POCHE Centre for Indigenous Health
- Southern Queensland Rural Health (SQRH)

More information about the Faculty is available at [habs.uq.edu.au](https://habs.uq.edu.au).

### **The School of Dentistry**

The UQ School of Dentistry has a long and proud tradition of 83 years of strength in dental education and research, and attracts high achieving students nationally and internationally. UQ is a leading source of expertise in the local, national and international dental community and has been a key contributor to achieving effective solutions to contemporary issues and challenges. The School has strong collaborations within and outside the dental profession.

As part of the Faculty of Health and Behavioural Sciences, the School of Dentistry offers the Bachelor of Dental Science (Honours) program and specialist post-graduate programs (Doctor of Clinical Dentistry). The School of Dentistry also has a growing cohort of research higher degree students.

Research within the School is focused on a number of themes, and crosses a range of areas from laboratory based research through to technologies applied in clinical practice and dental public health.

Further details about the School's teaching programs, research interests and other activities may be accessed on the School's web site at <http://www.dentistry.uq.edu.au/>

Further information about the Faculty and School is available at <http://health.uq.edu.au/>

### **The Oral Health Centre (OHC)**

The OHC opened in January 2015. This award winning building is the largest and best equipped facility for patient treatment, dental education and research in Australasia. The OHC has over 150 chairs across 11 clinics and two general anaesthetic theatres; a PC2 laboratory catering to a range of laboratory based research; two clinical simulation laboratories; two auditoriums and a seminar room complex.

The OHC's location on the Herston campus provides an excellent interface with other disciplines and health services, with the nearby Royal Brisbane & Women's Hospital, the UQ School of Medicine and School of Public Health, and the UQ Centre for Clinical Research. New teaching and research facilities (including expanded simulation labs) and new equipment at the forefront of current technology used in dentistry has allowed the School of Dentistry to commence a refreshed and innovative undergraduate dental program, along with an expanded range of postgraduate programs.

## Information for Prospective Staff

Information about life at UQ including staff benefits, relocation and UQ campuses is available at - <http://www.uq.edu.au/current-staff/working-at-uq>

## DUTY STATEMENT

### Primary Purpose of Position

Working under supervision of the Chief Investigators, the Senior Research Technician provides research, administration and coordination support to a project funded by Colgate to develop a 3D bio-printed model of oral mucosa, administered at the School of Dentistry.

The incumbent of this position will work as part of a research team in a support role.

### Duties

Duties and responsibilities include, but are not limited to:

- Assist with the coordination, management and conduct of the project including, but not limited to;
  - conducting laboratory work relevant to the project
  - assisting with writing project protocols and ethics applications
  - managing project resources data collection and preparation (e.g., data screening and cleaning)
  - liaising with industry partners, and
  - other tasks required to ensure project milestones are met within specified timeframes.
- Conduct literature searches in relevant databases such as (but not limited to) MEDLINE, PubMed, Web of Science and Google Scholar using pre-defined keywords and criteria, or assisting with rapid evidence synthesis;
- Provide high level administrative support for the Chief Investigators.
- Organise and coordinate meetings, workshops and other necessary resources for the project.
- Assist with preparation of research applications and/or research publications.
- Undertake data collection (quantitative and qualitative) and data entry under the direction of the Chief Investigators.
- Any other duties as reasonably directed by your supervisors.

### Other

- Ensure you are aware of and comply with legislation and University policy relevant to the duties undertaken, including but not exclusive to:
  - The [University's Code of Conduct](#).

- Requirements of the Queensland occupational health and safety (OH&S) legislation and related [OH&S responsibilities and procedures](#) developed by the University or Institute/School.
- The adoption of sustainable practices in all work activities and compliance with associated legislation and related University [sustainability responsibilities and procedures](#).
- Requirements of the Education Services for Overseas Students Act 2000, the National Code 2007 and associated legislation, and related [responsibilities and procedures](#) developed by the University.

## Organisational Relationships

The position reports to the Professor Saso Ivanovski, School of Dentistry.

## SELECTION CRITERIA

- Completion of a relevant degree without subsequent relevant work experience, or an equivalent combination of relevant experience and/or education/training.
- Experience with and/or knowledge of Cell biology laboratory skills, including cell culture, Flow Cytometry analysis, routine molecular biology and 3D bioprinting.
- Demonstrated proficiency carrying out literature searches and reviews within academic databases, managing the results of these reviews (e.g., Endnote), and synthesizing the evidence obtained.
- Demonstrated expertise in statistical analysis and database management (e.g., SAS, Stata, SPSS, Excel, MS Access), and a willingness to learn new statistical and data management techniques.
- Experience maintaining accurate records including data entry, extraction, analysis, monitoring and data cleaning.
- Strong Organisational and time-management skills, including the ability to prioritise own workload, to work consistently and with flexibility within busy schedules, and to meet deadlines on time
- Excellent written and verbal communication skills and the ability to work well within a multi-disciplinary team and provide proactive administration experience.

*The University of Queensland values diversity and inclusion and actively encourages applications from those who bring diversity to the University. Please refer to the [University's Diversity and Inclusion webpage](#) for further information and points of contact if you require additional support.*

*This role is a full-time position; however flexible working arrangements may be negotiated.*

*Accessibility requirements and/or adjustments can be directed to [recruitment@uq.edu.au](mailto:recruitment@uq.edu.au).*