



Bright Smiles, Bright Future

Annual Report
2019-21



Faculty of
Dentistry

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Vision and Mission



Vision

To be a dental institution of international distinction

Mission

Improve oral health through academic excellence, high impact research and quality clinical services



Dean's Message

In some ways, the pandemic has accelerated the pace of change in a positive way. For instance, the Faculty planned to increase its use of technology-enhanced learning (TEL), and the enforced move to online learning required us to quickly establish more platforms to support hybrid learning.

Undoubtedly, 2020 and 2021 will go down in history as two of humankind's most challenging and dramatic years. The impact of COVID-19 will have a long-lasting legacy across all areas, including the practice of dentistry. As the pandemic developed in early 2020, everyone had to quickly adapt and cope with the rapidly changing situation. The Faculty of Dentistry has always ensured that its education and training programmes possess sufficient resilience to adapt quickly to changing situations to have the continued success in the quality and safety of our graduates. Even as the world learns to cope with the virus, the Faculty continues to fulfil our clinical and academic mission.

The pandemic has accelerated the pace of change in a positive way. For instance, the Faculty planned to increase its use of technology enhanced learning (TEL), and the enforced move to online learning required us to quickly establish more platforms to support hybrid learning. The Faculty's curriculum has embraced TEL and developed high fidelity clinical simulation and a virtual learning environment to enhance clinical skills. One such TEL is Dr Lim Li Zhen's project, the Intraoral RADiology Assessment & TEaching tool (iRadiate). It is a web-based platform that brings students through different positions in the mouth and allows them to practise setting up and positioning x-ray holders for patients. It aims to help students reinforce theoretical concepts that were covered during lectures, and to increase preparedness for hands-on practical sessions.

Our research teams have also played their part in generating evidence and developing ways of minimising the risk of COVID-19 infection further. One such example is the Dental Droplet

and Aerosol Reducing Tent (Dental DART), a device developed in partnership with Professor Freddy Boey, NUS Deputy President (Innovation & Enterprise). Designed to contain aerosols and protect oral healthcare workers, this customised device fits on the dental chair and is rapidly assembled prior to the procedure. You may read more about this within this Annual Report.

All this would not have been possible if not for the clinical and administrative staff supporting the Faculty to adapt to these difficult times. Many have gone above and beyond their duties, such as volunteering to support in swab operations conducted at the dormitories at the height of the pandemic. I would like to thank them especially for the resilience and patience they have shown.

Despite the pandemic, the Faculty has continued working on developing partnerships globally. In October 2020, the Faculty established an international collaborative alliance named DentAlliance with three of the world's top dental schools: King's College London, Adams School of Dentistry [The University of North Carolina], and The University of Melbourne. This alliance will work collaboratively to enhance the standing of all partners and enable the Faculty to innovate in research and education at a scale that none can do alone.

As we continue to navigate these uncharted waters, we are grateful for the alumni and donors who have been supporting the Faculty, be it through time or resources. On behalf of all faculty members and staff, I would like to thank all of you for your continued support of the Faculty and invite you to read about our major academic, research and clinical achievements.

Professor Patrick Finbarr Allen

Deanery

as of 30 June 2021



Dean
*Professor Patrick
Finbarr Allen*



Vice Dean
(Clinical Affairs)
Associate Professor
Asher Lim



Professor Patrick Finbarr Allen



Associate Professor Asher Lim



Associate Professor Vinicius Rosa



Associate Professor Victoria Yu



Vice Dean
(Academic Affairs)
Associate Professor
Wong Mun Loke



Vice Dean
(Research)
Associate Professor
Vinicius Rosa



Vice Dean
(Graduate Studies)
Associate Professor
Victoria Yu



Dr. Ode Wataru



Dr. Clara Mok



Associate Professor Wong Mun Loke
Director, Discipline of Primary Dental Care
and Population Oral Health



Dr. Tan Hee Hon
Director, Discipline of Endodontics,
Operative Dentistry & Prosthodontics



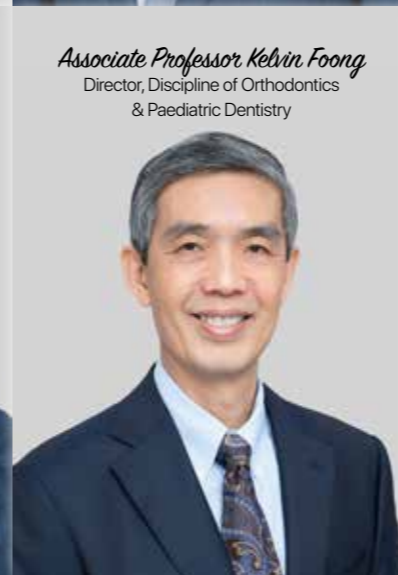
Assistant Dean
(Pre-Clinical Phase
and Student Life)
Dr. Clara Mok



Assistant Dean
(Clinical Phase)
Dr. Tan Hee Hon



Assistant Dean
(Continuing Education)
Dr. Ode Wataru



Associate Professor Kelvin Foong
Director, Discipline of Orthodontics
& Paediatric Dentistry



Associate Professor Tan Kai Soo
Director, Discipline of Oral Sciences



Dr. Raymond Wong
Director, Discipline of Oral & Maxillofacial Surgery



Dr. Fu Jia Hui
Director, Discipline of Periodontics

Education



Rising above the COVID-19 Pandemic

The COVID-19 pandemic challenged the Faculty to reimagine the delivery of dental education for its undergraduates and postgraduates. This was guided by a need to ensure the safety and wellbeing of its students, staff and patients based on safe management measures while minimising disruptions to the delivery of our curriculum.

Through the pandemic, Faculty staff rose to the occasion and introduced adaptations and changes to the conventional delivery of dental education.

Technology became a mainstay to support the continued roll-out of dental education. Rapidly, the Faculty transitioned from the familiar face-to-face lectures and tutorials to online platforms for much of its didactic teaching. Staff learned to engage the students remotely through various methods including the use of interactive quizzes and other participant engagement tools such as PollEverywhere. Examinations were also conducted online with remote proctoring.

"There were endless rounds of discussions and tweaking of the timetable to take into account changes to workflows in light of the safe management measures. Going through that period was very challenging. There was a period when restrictions to the movement of healthcare professionals between healthcare facilities meant that the full-time staff had to shoulder all the teaching. However, when I look back and see how we managed to pull through together as a Faculty and the final-year students graduating, it brings a smile to my face."

**Dr Clara Mok, Assistant Dean
(Pre-Clinical Phase and Student Life)**



Where essential teaching, such as simulation training or clinics, needed to be carried out in person and where the prevailing measures permitted, students returned to campus in smaller groups to minimise social interactions and facilitate adequate safe distancing.

Additional precautionary measures were put in place during clinical training. These included the donning of the N95 masks which took a bit of getting used to for the undergraduate students initially.

For our postgraduates in the various clinical training programmes, they were split into two teams and alternated between the National University Centre for Oral Health Singapore (NUCOHS) and the National Dental Centre Singapore (NDCS) for a week to manage their patients. This was unlike the pre-COVID-19 days where the residents would spend half the week at NUCOHS and the other half at NDCS. This split-team arrangement increased the residents' access and exposure to the services at each of the centres. Peer learning was however compromised as the postgraduate students operated in separate teams.

The Faculty worked closely with staff and students to ensure that while the pandemic was challenging, it offered the opportunity to consider new paradigms in dental education.

Lessons of tenacity, resilience, adaptability and creativity in transforming conventional ways of dental education remain well etched in the minds of the Faculty staff and students.

"Looking back, the COVID-19 experience rallied everyone together to make a difference in dental education for our postgraduates and undergraduates. Despite the many ups and downs during the year, seeing the graduating cohorts complete their Masters and Bachelor programmes in a timely manner, ready to enter the workforce brought much joy."

**Associate Professor
Victoria Yu, Vice Dean
(Graduate Studies)**

Reflections from Undergraduates

"The pandemic added uncertainty to my clinical training as patient appointments were deferred and we were unsure if we would be able to complete their treatment. The staff from the dental school assured us not to worry about our patients, as urgent dental emergency cases could be referred to them for management."

And of course, every cloud has a silver lining! The sudden slow down in the tempo of dental school meant that our stress levels were drastically reduced. We did not have to be physically in school and could attend lectures from home. This definitely gave us more time to study for the final examinations."

Dr Ong Ding Sen
Bachelor of Dental Surgery
Class of 2020

"The pandemic hit just as we were on the home stretch of our four-year journey. The challenge was in the uncertainty – not knowing when or whether we would be able to enter clinics again to see our patients; how we would take our exams and graduate. Going from seeing our friends and staff daily to remote learning over ZOOM was also an adjustment we had to make."

They always say it takes a village to graduate from dental school and it couldn't be more true. Knowing that we had the support of our classmates brought much comfort. The professors, teaching staff, nurses, administrative staff, and seniors were our guiding lights, often going out of their way to take care of us and assure us. And of course, it wouldn't have been possible without our friends and family who had our backs especially on the days we were anxious!"



Dr Cheryl Lee Wei Lin
Bachelor of Dental Surgery
Class of 2020

Student Numbers (as of June 2021)

Total Dentistry Undergraduates: **278**



Coursework > Postgraduate Dental Studies

- Master of Dental Surgery (Endodontics) – 12
- (Oral & Maxillofacial Surgery) – 10
- (Orthodontics) – 10
- (Paediatric Dentistry) – 6
- (Periodontology) – 10
- (Prosthodontics) – 11
- Subtotal: 59

- Graduate Diploma in Dental Implantology – 8
- Graduate Diploma in Geriatric Dentistry – 3
- Subtotal: 11

Total for Coursework: 70



- Research
- Master of Science: 6
- Doctor of Philosophy: 16

Total for Research: 22

Clinical Services



Patient Attendance

(Undergraduate, Postgraduate, NUCOHS)

From July 2019 to June 2021

TOTAL

183,435

SERVICE (NUCOHS)

125,876

POSTGRADUATE

33,888

UNDERGRADUATE

23,671



Percentage of Total Patient Attendance



Research



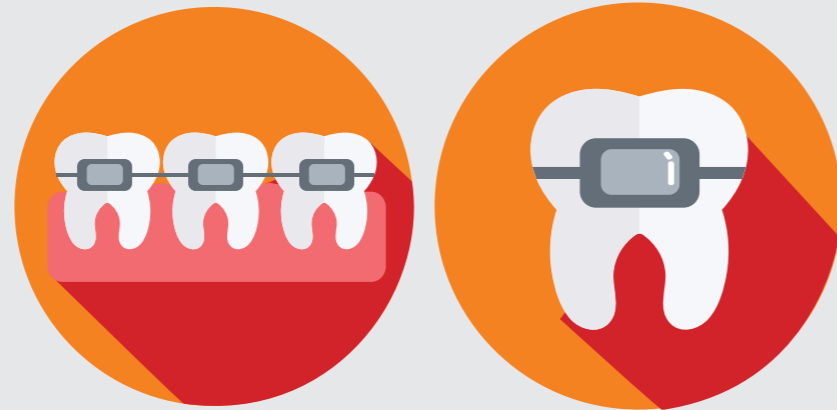
Evolving with the Times



The Faculty of Dentistry established the Biostatistics Unit and Clinical Research Unit. These units advanced the research dynamics and enabled more collaborations and multi-faceted projects to be rolled out. The Faculty's presence in the international arena has also become more prominent since joining the International Association of Dental Research (IADR) President's Circle and presenting 19 research studies during the 2021 IADR Virtual Experience. In addition, the Faculty has received several prestigious awards and its publications have been featured on the pages of the most respected journals across different fields beyond Dentistry. On average, the Faculty's publications receive two times more citations than the global average. Several Faculty staff members hold permanent Editorial Membership positions in premier periodicals. These achievements are testament of the high-quality research endeavours of the Faculty.

Moving forward, the research portfolio will continue to evolve and cater to national and international needs amidst growing competition in the research arena. There has been much excitement over the establishment of new research programmes championed by young scholars along with the growth of more experienced groups. The collaborations between these groups enable the Faculty to synergise individual abilities and capabilities, creating an environment that is ideal for world-class research to flourish. Internally, the plan is to keep enabling resources and providing the necessary support to develop talents and advance research. It is evident that the Faculty's research portfolio has expanded significantly. Our recognitions (e.g. publications, achievements and awards) are on the rise because of increased collaborations among researchers, clinicians and other partners.

Highlights



28 fixed editorial positions in premier periodicals like *Journal of Dental Research*, *International Journal of Implant Dentistry*, *Journal of Orthodontics*, *Gerodontology*, *Journal of Dental Research Clinical Translational Research*, *Genes and Diseases*, *Dental Materials*, and others.



2016-2021

68% of all publications have been published in journals ranked within the top 25% impact factors. Among them, 37% have been published in journals ranked within the top 10% impact factors.

Dr Raymond Wong & Dr Gopu Sriram have been appointed Thrust and Thrust Co-Lead for the NUS Centre for Additive Manufacturing Oral Health & Craniofacial 3D Printing Applications.



2015-2020

Seven International Association for Dental Research (IADR) awards (general session and regional session)



Associate Professor
Vinicius Rosa
IADR Distinguished Scientist Young Investigator IADR-DMG and Stephen Bayne Mid-Career Award



Dr Jacob Chew
IADR Lion Award



Dr Zhang Shipin
IADR Bernard G. Sarnat Award in Craniofacial Biology



Dr Tada Sayaka
2020 IADR GORG Post-doctoral Award



Dr Muniraj Giridharan
IADR DASCRC Septodont Young Investigator Prize for Innovation



Dr Melissa Khor
IADR Pediatric Oral Health Research Group Student Award



Assoc Prof Vinicius Rosa was elected Vice-President of the IADR Dental Materials Group (DMG) for 2022. His three-year term will see him progressing to President Elect in 2023 and President in 2024.



Dental DART to the Rescue

This foldable tent ensures safe dental care during the pandemic.



The Dental DART was developed by (from left) Professor Freddy Boey, Mr Sudarshan Anantharaman, Associate Professor Vinicius Rosa and their team. Not in the picture is Professor Monty Duggal (previously from the NUS Faculty of Dentistry and currently at the University of Qatar).

Many dental treatments are performed in close proximity to the mouth and nose of the patients. The procedures often generate aerosols and involve the handling of oral fluids and blood. It is not surprising that the US Bureau of Labour Statistics has categorised dentists within the class of workers with the highest risk of COVID-19 contamination. Then, there are the other infectious agents responsible for pneumonitis, influenza, hepatitis, skin and eye infections that may also be transmitted during dental procedures.

Ensuring a safer dental treatment environment

With the aim of preventing transmission of infection between patients and dental healthcare personnel or vice versa, researchers at the National University of Singapore (NUS) jointly developed a portable tent-like shield to be used during dental treatment. Named the Dental Droplet and Aerosol Reducing Tent (Dental DART), the new device is an adaptation of an earlier NUS innovation that protects healthcare workers when they perform endotracheal intubation and extubation.

How Dental DART works

The clear adjustable shield is placed around the patient's head and there are three access ports to safely perform dental procedures. Vacuum pumps organic to the dental chair are attached to the tent to remove contaminated air into the scavenging system. This decreases the contaminants coming

"The Dental DART is a foldable device that can be used to protect dentists and their patients from infectious agents present in the aerosols that are generated during dental procedures. The aerosols are removed safely via a pump."

Assoc Prof Vinicius Rosa, co-inventor of the device

into contact with the clinician's hands, arms and instruments.

Tested in a clinical setting during scaling procedures – which are known to significantly increase air contamination, there was no increase in viable bacteria on the surface of the dental chair light, and on the dentist's face shield with Dental DART in place. Without it, contamination increased 14 times.

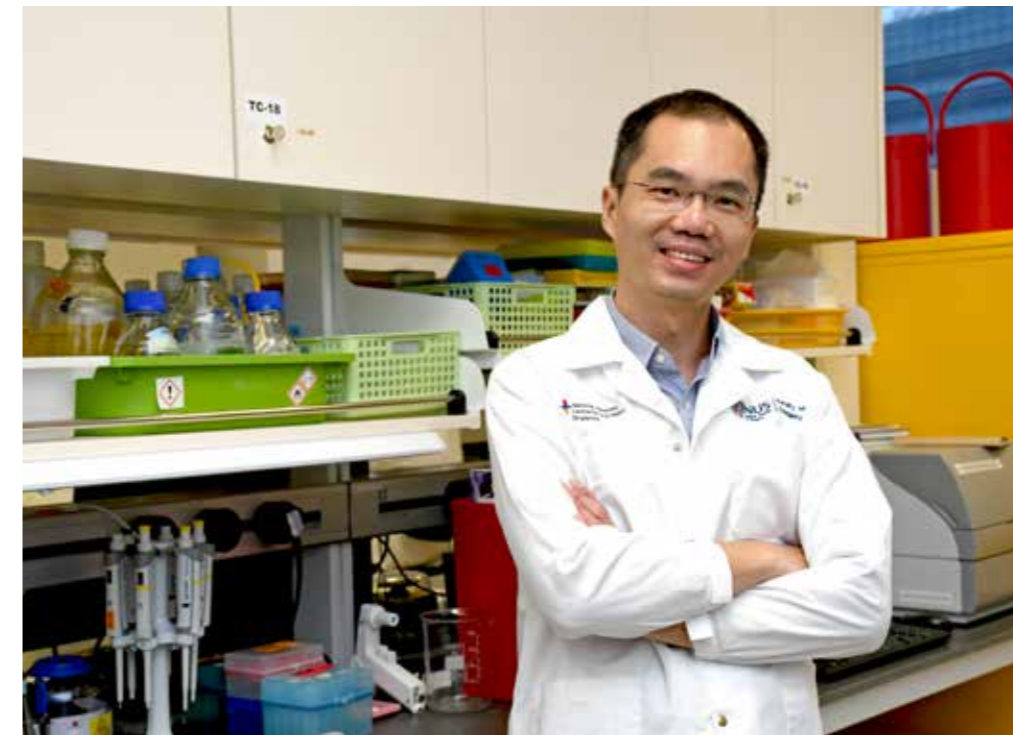
The Dental DART has been featured in local media and has attracted the interest of international journals. The inventors have filed a patent for its design and are looking to collaborate with healthcare and industry partners to offer this device in Singapore and around the world.



Dental Dart in action.
Photo credit: National University of Singapore

The Interdisciplinary

Over the past nine years, Associate Professor Toh Wei Seong has seen major developments in the Faculty, particularly in areas of geriatric dentistry, and also in basic translational research such as extracellular vesicles, graphene, 3D bioprinting and organs-on-chips.



"My students asked why I am in the Faculty of Dentistry when I am not a dentist. I explained that my multidisciplinary training background enables me to work with clinicians and engineers to apply my laboratory research in the clinics, and connect my faculty with other faculties in the university."

Assoc Prof Toh Wei Seong

Associate Professor Toh Wei Seong completed his undergraduate studies, majoring in microbiology and immunology at the University of Melbourne, Australia. He then pursued his Masters and PhD at NUS, working on the differentiation and derivation of progenitor cells from human pluripotent stem cells for cartilage tissue engineering.

After which, he spent two years in the United States to pursue his post-doctoral training in Biomaterials at Harvard Medical School, sponsored by an A*STAR International Fellowship. Upon his return, he was posted to the Institute of Bioengineering and Nanotechnology, one of the A*STAR Institutes, working on hydrogels for regenerative medicine applications, and cell-based platforms for drug toxicity testing.

Assoc Prof Toh said, "My background training has evolved quite a bit and is quite interdisciplinary and everything contributes to what I am presently doing for my research in the Faculty."

Assoc Prof Toh has been with the Faculty since September 2013. He is the Principal Investigator in the research team that aims to overcome the current challenges of cell-based therapies.

"We plan to overcome these challenges by introducing a new paradigm of cell-free therapy. Replacing the living cells with their secreted extracellular vesicles will significantly lower cost through simplified and less costly manufacturing, storage, transportation, and administration. In collaboration with A*STAR, we focus on developing human mesenchymal stem cell-derived exosomes as an off-the-shelf, cell-free therapy for repair of tissues of the dental and musculoskeletal systems."

Assoc Prof Toh revealed that he is not a good sleeper. "I often think about my work and when I do doze off, a research idea or solution will pop up and wake me up. If I go back to sleep, there is only a 50/50 chance that I will still remember the idea in the morning. So now, I try very hard to jot it down somewhere every time I have an idea."

Sharing more than a Passion for Biofabrication

The research of Dr Gopu Sriram and Dr Nileshkumar Dubey focuses on the application of biofabrication technologies for regenerative dentistry and medicine.

Nothing excites both scientists more than the subject of biofabrication.

Dr Gopu Sriram completed his Bachelor in Dental Surgery and Masters in Oral Pathology in India. He subsequently spent four years in academia and private practice before pursuing his PhD at NUS. Despite being a dentist by training, he followed his other love for engineering to complete his post-doctoral studies in microfluidics at the Institute of Medical Biology, A*STAR.

He has been in Singapore for 12 years; the last five years with the NUS Faculty of Dentistry specialising in biofabrication technologies for dental research. Dr Sriram is also a Thrust Co-Lead at the NUS Centre for Additive Manufacturing (AM.NUS) focusing on dental and craniofacial applications of 3D printing. He said, "At NUCOHS, researchers co-share the space with other clinicians and academicians leading to greater interaction and collaboration between clinicians and researchers. This helps to expand the breadth and depth of research."

He explained that his area of research on microfluidics and 3D bioprinting has enhanced

the fabrication of gum and skin tissues in the laboratory. These tissues closely mimic human tissues and have the potential to be customised for each patient.

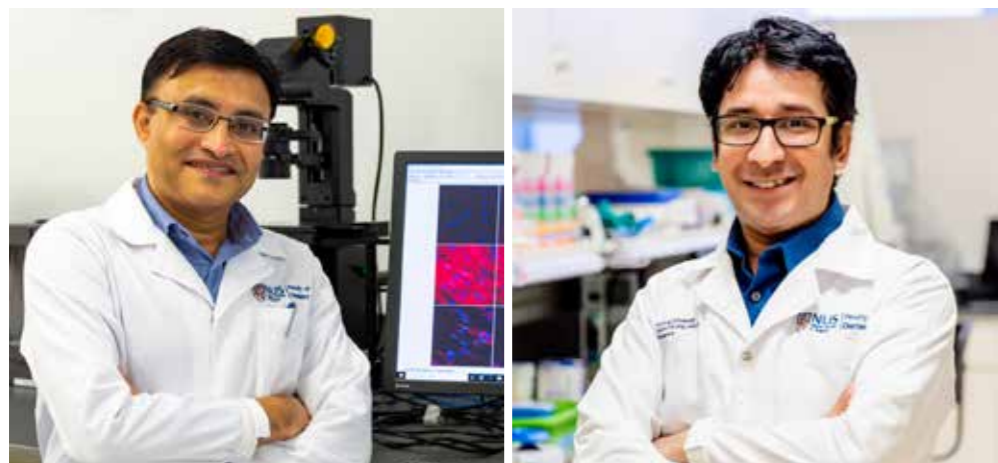
Dr Nileshkumar Dubey is a newbie in the Faculty's family of researchers, having joined only in February 2021. However, he is not a totally unfamiliar face as he was at the Faculty pursuing his PhD studies till 2018 before proceeding to the University of Michigan for his post-doctoral studies in 3D printing.

Like Dr Sriram, his areas of specialisation include biofabrication. Dr Dubey said, "In recent decades, there has been tremendous progress in the fields of regenerative dentistry and medicine. Biocompatible scaffolds, cells, and growth factors could be used to create functional, living replacement tissues and organs."

Both scientists believe that biofabrication technologies have significant growth potential. Dr Dubey said, "Already, we can generate skin, bone and cartilage and the next level is utilising artificial intelligence to identify the exact materials to create tissue and even vital organs."

"By combining advances in microfluidics, 3D printing and the growing sophistication of artificial intelligence, we see enormous potential to ameliorate oral health care."

Dr Gopu Sriram



Dr Gopu Sriram (left) and Dr Nileshkumar Dubey (right).

Following her Heart and Finding a Niche

A desire to do research in social and behavioural aspects of oral health drew Associate Professor Gao Xiaoli out of the laboratory to specialise in population health.

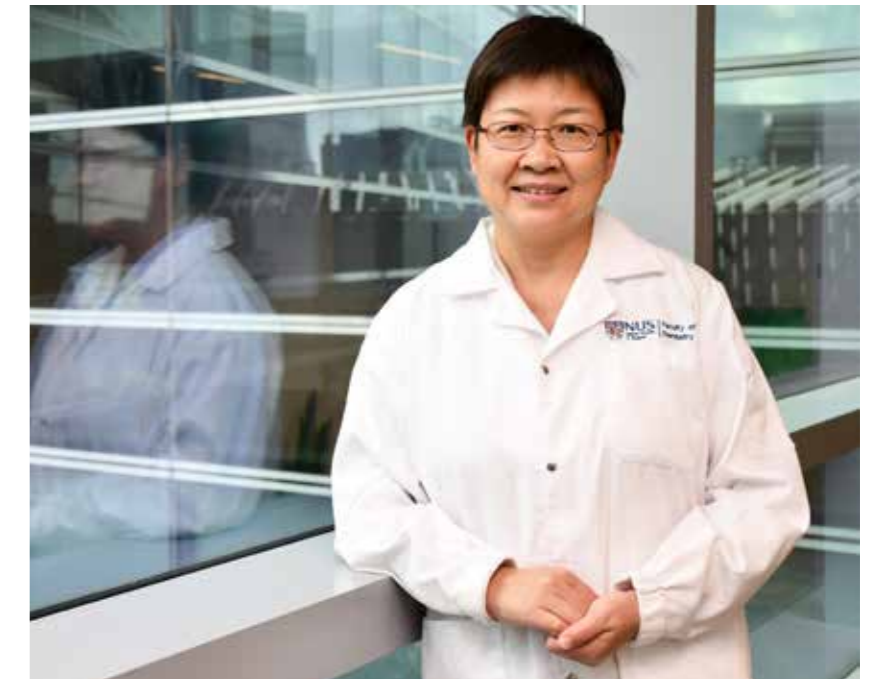
Associate Professor Gao Xiaoli's professional journey started with an interest in dentistry and to the then 17-year-old, that meant getting a Bachelor of Dental Surgery at the Sun Yat-sen University of Medical Sciences in Guangdong, China. Graduating in 1993, she worked at the dental school and affiliated hospitals for eight years before deciding to do her Master of Science at the Faculty. She was back again at NUS in 2004 for her PhD.

Although her early research was primarily laboratory-based, she grew more interested in Dental Public Health. Assoc Prof Gao said, "It took a gradual process for me to find my real interest."

After a 10-year stint at the University of Hong Kong, she joined the Faculty in 2019. She said, "I am a member of the NUS Alumni and I stayed connected with my alma mater. Nonetheless, upon my return I was surprised at the recent research developments and the expanded scope of research activities here. There were ongoing research projects in many different fields and with greater breadth and depth."

She revealed that research in population health is not easy sometimes as it is large scale and involves extensive collaboration with various stakeholders. "And we cannot always rely on research findings from overseas as some generalisations are very population-specific. Health challenges and possible solutions may differ greatly across cultural and social environments. We have to dig deep to see what can be applied here and how to apply it in the best way."

She added, "While the first and foremost goal for health care is to control diseases and promote wellbeing, the approach has often been conceived within the context of a traditional reactive healthcare system that treats diseases only after their appearance. Public health is



"Enhancing population health requires a collective undertaking involving many stakeholders ranging from health professionals and government authorities to non-government organisations, social services and the population itself."

Assoc Prof Gao Xiaoli

one way to shift the focus, by intervening in the risk factors and underlying causes in order to prevent ailments and diseases.

"In my line of specialisation, there are often insights to be gathered everywhere as it involves people from all walks of life. One good source is my son, who is studying social sciences at an American university. He often offers very relevant observations and insights especially on the health habits and lifestyles of the younger generation."

Spirit of Inquisitiveness and Resilience

Being inquisitive and resilient are important and valuable assets for a career in research. Associate Professor Catherine Hong Hsu Ling urges young researchers to develop these traits and not get discouraged by rejections and failures.

Two years after graduating with a Bachelor of Dental Surgery from NUS in 1999, Associate Professor Catherine Hong headed to the University of Michigan for her Master of Science in Paediatric Dentistry and subsequently a Certificate in Oral Medicine in North Carolina. She was offered a job by her programme director and chair of department in North Carolina while still a resident and jumped at the opportunity to remain in the United States (US).

Throughout Assoc Prof Hong's 10-year stint in the US, she had several mentors who appreciated her inquisitive mind. She said that their encouragement and confidence in her have helped her realise her potential and advance herself as a person and as a researcher. Continuing this practice, she values students who are inquisitive in their learning process. She said, "Very often, we get so used to the status quo or the standard operating procedures that we forget to question why things are done in a certain way."

As such, when confronted with a question or an issue for which there is no obvious logical rationale, she will make an effort to jot the query down. In her free time, she would mull over the problem or question and brainstorm whether these issues can be resolved by doing things in another way or whether they require more research or are just plain bureaucratic.

She has been with the Faculty for 10 years, specialising in Paediatric Dentistry.

Asked about the traits that make a good researcher, she said, "Some people are born to be inquisitive but inquisitiveness can be developed. It is an essential trait to have when conducting research. However, it should also be accompanied with the confidence to speak up and question."

She also advised aspiring scientists to develop resilience. "Except for a select few, failure rate in the field of research is rather high at the beginning and can be quite discouraging. With experience and guidance, the failure rate fortunately also reduces."



"I was fortunate to have mentors who selflessly shared all their knowledge and experiences and were genuinely invested in my development as an academic dentist."

Assoc Prof Catherine Hong Hsu Ling

Preparing the Ground

Every clinical research project involves communicating with internal and external stakeholders to ensure studies are well designed and executed according to strict regulations while managing research participants and making sure that data collected is of the highest quality. This is the role of the Clinical Research Unit (CRU).



From left: Ms Ong Mei Ting, Ms Celeste Tan Thiang Ju and Ms Choo Si Yi.

"To provide an analogy, if the Principal Investigators are the brain of the clinical research projects, the Clinical Research Unit is the backbone as it performs all the essential supporting activities to ensure projects are effectively executed."

Ms Choo Si Yi, Senior Assistant Manager, Clinical Research Unit

Ms Choo Si Yi and her two colleagues, Ms Ong Mei Ting and Ms Celeste Tan Thiang Ju are presently supporting more than 20 clinical research projects. They also successfully established the Tooth Tissue Bank recently for the Faculty.

She was keen to explore clinical research after graduating in life sciences from Nanyang Technological University in 2014. She joined SingHealth and subsequently worked at a leading multinational corporation managing global and regional clinical research projects.

She came to the Faculty three years ago. She said, "The mission of CRU is to contribute to patients' health and wellbeing by providing Principal Investigators the support to develop and conduct clinical research projects with the objective that research findings will translate into clinical practice that benefit humanity."

Ms Ong has been with CRU for about five years.

Before this, she was a Dental Surgery Assistant at NUH Dental Centre (now known as NUCOHS).

It was curiosity that made her switch jobs. She said, "In research, we encounter many different types of dental complications. It is very fascinating and I will then search for it online to find out more."

The newest member on the team, Ms Tan came onboard in 2021 and followed a similar path as Ms Ong, having been a Dental Surgery Assistant at NUH Dental Centre previously. Being able to see the start of the study process to its eventual completion where it may help patients in the long term has given her a fresh new perspective into the world of clinical research projects.

"I have gained insights into the inner workings of clinical research such as patient recruitment as well as the dos and don'ts that were featured in the recent Human Biomedical Research regulation. With much more for me to learn – I am excited to be part of this team!" she shared.

DentAlliance



DENTALLIANCE



The Faculty has partnered with the University of North Carolina Chapel Hill's Adams School of Dentistry; King's College London's Faculty of Dentistry, Oral & Craniofacial Sciences; and the University of Melbourne's Melbourne Dental School, to establish the DentAlliance to advance and transform research, education, and practice in dentistry.

The initial five-year agreement provides the structure for the creation of the DentAlliance partnership and builds upon collaborations and exchanges between the four schools. A key feature of the DentAlliance is the establishment of Working Groups such as in the domain of Continuous Professional Development; Education; Research; and Global Inequalities.

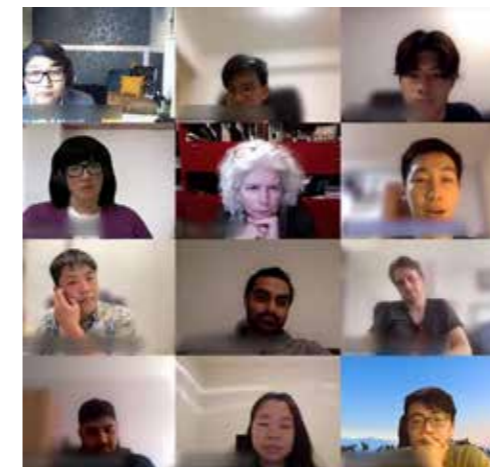
Each Group will conceive, lead and implement projects that promote developments in their respective domain.

The partnership allows some of the world's leading dental schools to pool their extensive individual expertise to develop thought leadership in the

domain of education, as well as share best practices in curriculum transformation, development of innovative pedagogies including technology-enhanced learning and hybrid learning.

DentAlliance has since been moving ahead, with online seminars planned in late 2021 and future student and staff exchanges are in the works to develop research training expertise and capacity building between partners.

In the area of research and innovation, DentAlliance is encouraging researchers with complementary interests across the different universities to collaborate on multidisciplinary research. Leveraging on collective know-how in areas such as tissue regeneration, biomaterial sciences, clinical trials and population health research, the partners aim to share best practices on nurturing researchers to broaden their research training and develop global networks of collaborators.



DentAlliance Student Collaborating Online to Network and Empower (SCONE) session on 16 October 2021

With the establishment of ties and access to the resources of some of the world's most prestigious dental schools, the DentAlliance will allow my peers and me to excel further in the field of oral health. Thanks to the exposure to the best-in-class techniques, educators and research from across the globe, we will be able to serve our patients better.

**Dr Sarah Chua
Master of Dental Surgery (Endodontics)
Class of 2021**



DentAlliance Continuing Professional Workshop Series on Periodontics on 9 October 2021



Online Research Workshop on 18 November 2021

Development



Conversation with the Class Of 2020: Re-connecting for Tomorrow

2020 has been a challenging year for all - even more so for the Faculty's Class of 2020.



To graduate, the Class had to overcome clinic closures, class disruptions, and different examination settings brought about by the pandemic. Nonetheless, the Class weathered the storm and pushed through becoming alumni of the Faculty.

To both welcome and celebrate this milestone, the Faculty hosted an online ZOOM gathering on 12 August 2020.

Welcomed by Dean of the Faculty, Prof Patrick Finbarr Allen, the event provided attendees with information on alumni matters and channels in which they could stay connected

with the Faculty. Dr Ode Wataru, Assistant Dean (Continuing Education), also gave an overview of the Continuing Professional Education Programmes that the Faculty offered for those interested in developing their skills further.

Throughout the session, the Class of 2020 shared about their experiences as new Dental Officers, with several expressing how different student life was compared to their new roles. Dr Betty Mok, Associate Director (Alumni Relations) ended the session by introducing the Class Ambassadors and encouraging the Class to stay engaged with the Faculty.

Determined to Make the World a Better Place

Now in private practice, Dr Vijayan Loganathan has been an Adjunct Teaching Staff since 1980. He had also conducted classes and trained polytechnic students and dental assistants. In addition, he combines these activities with extensive community work in Cambodia, Thailand, India and Nepal.

From an early age, Dr Vijayan Loganathan remembers his parents donating foodstuff and money, and even inviting the caregivers and their wards of the spiritual and welfare institution, Sri RamaKrishna Mission, to their home on occasions such as Deepavali and New Year.

His father was a technical officer at the Public Works Department; his mother a homemaker. While in secondary school, he and his four older siblings would tutor the children in the neighbourhood for free. In 1969, they volunteered to read aloud for visually-handicapped typists to create braille books.



“Doing community service came about by default for me. It was part of my upbringing and my parents were always telling the children to give back to society – in whatever, whichever way we could.”

Dr Vijayan Loganathan, Adjunct Senior Lecturer



Dr V, as he is referred to, obtained his Bachelor of Dental Surgery from the University of Singapore in 1978 and his Master of Dental Surgery from NUS in 1982. He also studied for a year at the Crown and Bridge Department of the University of Zurich, Switzerland.

Upon his return, he was determined to pass on his knowledge by lecturing, as well as to continue his community work. In 2007, he gathered family members, including his late father, and close friends for what he called his “family’s pet project”. They would do volunteer work at orphanages in India and Nepal yearly and have since conducted 13 such projects. He would invite undergraduates along on these missions so they could see the world as it is.

Together with a friend, Dr V also co-founded the Foreign Workers’ Clinic here with Humanitarian Organisation for Migration Economics (HOME) to offer highly subsidised dental care to foreign workers. Then, in 2020, he and two close friends volunteered to offer dental treatment to foreign workers who were then restricted to their

dormitories. More recently, Dr V and several other friends set up a dental unit at the Thong Teck Home for Senior Citizens. However, the COVID-19 restrictions have delayed its start.

When asked what inspired him to pursue a dental career, Dr V laughed and said, “As fate or destiny would have it, when I applied to the university to study for a medical degree, I was asked to consider dentistry instead. I gave it a minute’s thought and took up that offer -- maybe blindly or impulsively, for I really had no clue what was in store for me.”

All said, it turned out very well indeed.



Our Donors

The Faculty wishes to extend our heartfelt appreciation to our generous donors who had made gifts totalling \$935,128 to the Faculty during the period between July 2019 and June 2021.

Thank you for your generosity in supporting the Faculty in our mission to improve oral health through academic excellence, high impact research and quality clinical service.

Donations Received

\$100,000 - \$249,999

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Lim Gim Teck
Lim Lii
Lim Michael
Lim Sor Kheng
Lim Sze Kheng
Lim Toh Seong, Andy
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Yip Xinying, Dawn Anne



There were no donations from \$50,000 to \$99,999 between July 2019 and June 2021.

Our People



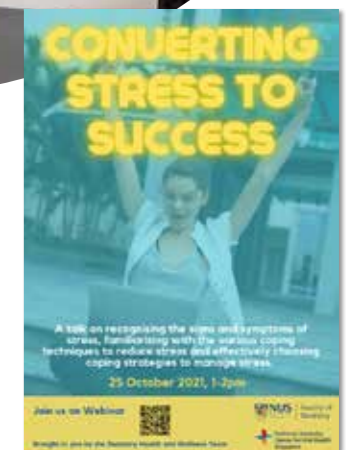
Safety and Health

When the full impact of COVID-19 pandemic descended upon Singapore in early 2020, policies for social distancing, travel restrictions, remote work and split-teams were fast and furiously implemented nation-wide. These changed the way our Faculty's staff worked and interacted with one another. The cognitive, emotional and physical wellbeing were inevitably affected. Virtual working routine prolonged the assimilation process of new staff, made interaction less personal and the limited access to resource and infrastructure added to the already heightened stress.

The Faculty was well aware of the challenges its staff faced and in addition to continued emphasis on safety, also worked with relevant offices in NUHS and NUS to institute programmes to address health and mental wellness in a holistic way. Working through the Total Workplace Safety and Health (TWSH) committee, various wellbeing activities were developed to encourage healthy lifestyles and positive mental health. Virtual workshops focused on raising mental wellbeing and overall health awareness were scheduled. To build a culture of care, Wellness Champions were also appointed as staff advocates to offer a listening ear to staff who face workplace issues.

The Safety and Wellness Day on 12 November 2021 reinforced the Faculty's long-term effort to build a culture of Safety and Health. The winning teams of the inaugural Inter-Faculty Competition were announced at the event and the intent to build a culture of Safety, Health and Wellness through the competition was articulated. These will continue together with other related activities as the Faculty pursues safety and health for our staff in the workplace in the post COVID-19 environment.

Appointment letters were presented to Wellness Champions, Ms Joyce Lai (left) and Ms Ada Chia (right) by Prof Allen.



Staff Listing

NUS Long Service Award Recipients (as of 31 December 2020)

S/N	Name	Award Years
1	Ms Ng Ai Lin, Veronica	5 years
2	Mr Xu Weijian, Joseph	5 years
3	Associate Professor Hong Hsu Ling, Catherine	10 years
4	Associate Professor Wong Mun Loke	10 years
5	Dr Hu Shijia	10 years
6	Mr Lee Wei Boon, David	10 years
7	Dr Loke Weiqiang	15 years
8	Associate Professor Tan Beng Choon, Keson	35 years

NUS Long Service Award Recipients (as of 31 December 2019)

S/N	Name	Award Years
1	Dr Tan Hee Hon	5 years
2	Dr Tan Ming Yi	5 years
3	Mr Low Wei Ming	5 years
4	Mdm Munirah Binti Ahmat	5 years
5	Dr Intekhab Islam	10 years
6	Ms Nurazreen Binte Mohamed Zaid	10 years
7	Mdm Ek Ben Lai	40 years
8	Ms Han Tok Lin, Angeline	40 years
9	Mr Anthen Wilmett Baskaran Joseph	45 years

NUH Long Service Award Recipients for January-June 2020

S/N	Name	Award Years
1	Dr Hu Shijia	10 years
2	Dr Wang Chia Wei, Wendy	10 years

NUH Long Service Award Recipients for July-December 2020

S/N	Name	Award Years
1	Associate Professor Hong Hsu Ling, Catherine	10 years
2	Dr Goh Enhui, Charlene	10 years
3	Dr Sim Chien Joo	10 years
4	Dr Yu Tsao-Pan, Peter	10 years

Staff Listing

Promotions: April 2020 to March 2021

S/N	Promotions - NUS	Promoted to	Date of Promotion
1	Dr Soong Poh Luon	Clinical Senior Lecturer	1-Jul-20
2	Dr Lai Ye Choung	Clinical Lecturer	1-Jul-20
3	Dr Lim Wan Yi	Clinical Lecturer	1-Jul-20
4	Dr Ng Jing Hao	Clinical Lecturer	1-Jul-20
5	Dr Sia Kia Suan, Priscilla	Clinical Lecturer	1-Jul-20
6	Dr Song Yi Lin	Clinical Lecturer	1-Jul-20
7	Dr Tan Shao Yong	Clinical Lecturer	1-Jul-20
8	Dr Wong Ren Jie, Patricia	Clinical Lecturer	1-Jul-20
9	Ms Sharon Lee	Assistant Director	1-Jul-20
10	Ms Ann Fong	Manager	1-Jul-20
11	Dr Goh Kwee Chien, Benny	Adjunct Associate Professor	1-Jan-21
12	Dr Hwang Yee Cheau	Adjunct Associate Professor	1-Jan-21
13	Dr Tan Hwee Hiang	Adjunct Associate Professor	1-Jan-21

S/N	Promotions - NUH	Promoted to	Date of Promotion
1	Dr Jacinta Lu	Consultant	1-Jul-20
2	Dr Lim Li Zhen	Associate Consultant	1-Jul-20
3	Dr Lim Shy Min	Associate Consultant	1-Jul-20
4	Dr Lee Yun Hui	Dental Surgeon II	1-Jul-20
5	Dr Yong Chee Weng	Registrar	1-Jul-20
6	Ms Kathleen Lok	Manager	1-Jul-20
7	Dr Frank Lee	Senior Consultant	1-Jan-21
8	Dr Lum Jing Li	Consultant	1-Jan-21
9	Dr Melvin Liew	Consultant	1-Jan-21
10	Dr Wilson Lu	Associate Consultant	1-Jan-21

Honorary Fellows

S/N	Name	Date
1	Associate Professor Lim Lum Peng	1-Jul-20
2	Associate Professor Yeo Jin Fei	1-Jul-20

Staff Listing

Clinical Faculty Scheme Staff as of 31 March 2021

S/N	Name	Institution	Appointment	Discipline
1	CI A/P Chen Nah Nah	National Dental Centre Singapore	Clinical Associate Professor	Endodontics, Operative Dentistry and Prosthodontics
2	CI A/P Christina Sim Poh Choo	National Dental Centre Singapore	Clinical Associate Professor	Endodontics, Operative Dentistry and Prosthodontics
3	CI A/P Chua Ee Kiam	National Dental Centre Singapore	Clinical Associate Professor	Endodontics, Operative Dentistry and Prosthodontics
4	CI A/P Ken Tan	National Dental Centre Singapore	Clinical Associate Professor	Endodontics, Operative Dentistry and Prosthodontics
5	CI A/P Teoh Khim Hean	National Dental Centre Singapore	Clinical Associate Professor	Endodontics, Operative Dentistry and Prosthodontics
6	CI A/P Yap U-Jin, Adrian	NTFGH - Jurong Health Campus	Clinical Associate Professor	Endodontics, Operative Dentistry and Prosthodontics
7	Dr Lim Sor Kheng	National Dental Centre Singapore	Clinical Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
8	Dr Low Huey Moon	Khoo Teck Puat Hospital	Clinical Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
9	Dr Low Meng Tze, Kenneth	National Healthcare Group Poly-clinics	Clinical Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
10	Dr Lui Jeen Nee	National Dental Centre Singapore	Clinical Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
11	Dr Quek Heng Chuan	National Dental Centre Singapore	Clinical Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
12	Dr See Toh Yoong Liang	National Dental Centre Singapore	Clinical Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
13	Dr Leong Jack Xin, Dephne	NTFGH - Jurong Health Campus	Clinical Lecturer	Endodontics, Operative Dentistry and Prosthodontics
14	Dr Sia Kia Suan, Priscilla	Khoo Teck Puat Hospital	Clinical Lecturer	Endodontics, Operative Dentistry and Prosthodontics
15	Dr Tan Shao Yong	Khoo Teck Puat Hospital	Clinical Lecturer	Endodontics, Operative Dentistry and Prosthodontics
16	Dr Chan Pei Yuan	National Dental Centre Singapore	Clinical Teacher	Endodontics, Operative Dentistry and Prosthodontics
17	Dr Chew Qin'An, Amelia	National Dental Centre Singapore	Clinical Teacher	Endodontics, Operative Dentistry and Prosthodontics
18	Dr Chia Ai Ping, Vanessa	National Dental Centre Singapore	Clinical Teacher	Endodontics, Operative Dentistry and Prosthodontics
19	Dr Huang Shuyan	National Dental Centre Singapore	Clinical Teacher	Endodontics, Operative Dentistry and Prosthodontics
20	Dr Lim Wen Yi	National Dental Centre Singapore	Clinical Teacher	Endodontics, Operative Dentistry and Prosthodontics
21	Dr Lin Dan	Tan Tock Seng Hospital	Clinical Teacher	Endodontics, Operative Dentistry and Prosthodontics
22	Dr Wong Kuan Yee	Khoo Teck Puat Hospital	Clinical Teacher	Endodontics, Operative Dentistry and Prosthodontics
23	Dr Wu Siwen	National Dental Centre Singapore	Clinical Teacher	Endodontics, Operative Dentistry and Prosthodontics
24	CI A/P Goh Bee Tin	National Dental Centre Singapore	Clinical Associate Professor	Oral and Maxillofacial Surgery
25	CI A/P Poon Choy Yoke	National Dental Centre Singapore	Clinical Associate Professor	Oral and Maxillofacial Surgery
26	CI A/P Tay Ban Guan, Andrew	National Dental Centre Singapore	Clinical Associate Professor	Oral and Maxillofacial Surgery
27	Dr Lai Juen Bin	National Dental Centre Singapore	Clinical Senior Lecturer	Oral and Maxillofacial Surgery

S/N	Name	Institution	Appointment	Discipline
28	Dr Soong Poh Luon	National Dental Centre Singapore	Clinical Senior Lecturer	Oral and Maxillofacial Surgery
29	Dr Tan Ben Poon, Danny	National Dental Centre Singapore	Clinical Senior Lecturer	Oral and Maxillofacial Surgery
30	Dr Leonardo Saigo	National Dental Centre Singapore	Clinical Lecturer	Oral and Maxillofacial Surgery
31	Dr Rahul Harshad Nagadia	National Dental Centre Singapore	Clinical Lecturer	Oral and Maxillofacial Surgery
32	Dr Sim Qiuxia, Chelsia	National Dental Centre Singapore	Clinical Lecturer	Oral and Maxillofacial Surgery
33	Dr Lee Ming Hsien, Albert	National Dental Centre Singapore	Clinical Teacher	Oral and Maxillofacial Surgery
34	Dr Shi Hongyi, Adrian	National Dental Centre Singapore	Clinical Teacher	Oral and Maxillofacial Surgery
35	Dr Tan Mei Hui	National Dental Centre Singapore	Clinical Teacher	Oral and Maxillofacial Surgery
36	CI A/P Chew Ming Tak	National Dental Centre Singapore	Clinical Associate Professor	Orthodontics and Paediatric Dentistry
37	CI A/P Mimi Yow	National Dental Centre Singapore	Clinical Associate Professor	Orthodontics and Paediatric Dentistry
38	Dr Choo Johanna	National Dental Centre Singapore	Clinical Senior Lecturer	Orthodontics and Paediatric Dentistry
39	Dr Lai Wen Pui, Bien	National Dental Centre Singapore	Clinical Senior Lecturer	Orthodontics and Paediatric Dentistry
40	Dr Lim Kuen Fui, Ivan	National Dental Centre Singapore	Clinical Senior Lecturer	Orthodontics and Paediatric Dentistry
41	Dr Tan Hui Ling, Vivien	Tan Tock Seng Hospital	Clinical Senior Lecturer	Orthodontics and Paediatric Dentistry
42	Dr Tan Li Yen, Elaine	National Dental Centre Singapore	Clinical Senior Lecturer	Orthodontics and Paediatric Dentistry
43	Dr Chay Pui Ling	KK Women's and Children's Hospital	Clinical Lecturer	Orthodontics and Paediatric Dentistry
44	Dr Lai Ye Choung	NTFGH - Jurong Health Campus	Clinical Lecturer	Orthodontics and Paediatric Dentistry
45	Dr Lim Wanyi	Health Promotion Board	Clinical Lecturer	Orthodontics and Paediatric Dentistry
46	Dr Ng Jing Hao	National Dental Centre Singapore	Clinical Lecturer	Orthodontics and Paediatric Dentistry
47	Dr Song Yi Lin	National Dental Centre Singapore	Clinical Lecturer	Orthodontics and Paediatric Dentistry
48	Dr Qian Li	National Dental Centre Singapore	Clinical Teacher	Orthodontics and Paediatric Dentistry
49	Dr Yee Ruixiang	KK Women's and Children's Hospital	Clinical Teacher	Orthodontics and Paediatric Dentistry
50	CI A/P Ong Meng Ann, Marianne	National Dental Centre Singapore	Clinical Associate Professor	Periodontics
51	Dr Chee Hoe Kit	National Dental Centre Singapore	Clinical Senior Lecturer	Periodontics
52	Dr Koh Chu Guan	National Dental Centre Singapore	Clinical Senior Lecturer	Periodontics
53	Dr Lee Wan Zhen	National Dental Centre Singapore	Clinical Lecturer	Periodontics
54	Dr Wong Li Beng	NTFGH - Jurong Health Campus	Clinical Lecturer	Periodontics
55	Dr Foo Lean Heong	National Dental Centre Singapore	Clinical Teacher	Periodontics
56	Dr Yang Jingrong	National Dental Centre Singapore	Clinical Teacher	Periodontics

Staff Listing

Adjunct Staff as of 31 March 2021

S/N	Name	Appointment	Discipline
1	Adj Assoc Prof Cheng Chi-Chung, Ansgar	Adjunct Associate Professor	Endodontics, Operative Dentistry and Prosthodontics
2	Adj Assoc Prof Goh Kwee Chien, Benny	Adjunct Associate Professor	Endodontics, Operative Dentistry and Prosthodontics
3	Adj Assoc Prof Lim Kian Chong, Gerald	Adjunct Associate Professor	Endodontics, Operative Dentistry and Prosthodontics
4	Adj Assoc Prof Loh Poey Ling	Adjunct Associate Professor	Endodontics, Operative Dentistry and Prosthodontics
5	Dr Basanti Sankaran	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
6	Dr Cheong Kim Yan	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
7	Dr Chng Huey Shin	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
8	Dr Lee Chee Wee	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
9	Dr Lee Hoon Hwee	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
10	Dr Lee Siew King	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
11	Dr Leung Wing Hung, Dominic	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
12	Dr Lim Ching Chiat	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
13	Dr Lim Gim Teck	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
14	Dr Lim, Michael	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
15	Dr Liu Hao Hsing	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
16	Dr Loganathan Vijayan	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
17	Dr Neo Tee Khin	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
18	Dr Ng Chai Hoon, Clarisse	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
19	Dr Ong Eng Yau, Timothy	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
20	Dr Pang Soon Eng	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
21	Dr Phay Yew Ming	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
22	Dr Shahul Hameed	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
23	Dr Teh Kiat Seong	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
24	Dr Wong Keng Mun	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
25	Dr Wong Soon May, Adeline	Senior Lecturer	Endodontics, Operative Dentistry and Prosthodontics
26	Dr Chin Yee Fatt	Lecturer	Endodontics, Operative Dentistry and Prosthodontics
27	Dr Leong Woei Jian, Elvin	Lecturer	Endodontics, Operative Dentistry and Prosthodontics
28	Dr Lim Sze Kheng	Lecturer	Endodontics, Operative Dentistry and Prosthodontics
29	Dr Lim Toh Seong, Andy	Lecturer	Endodontics, Operative Dentistry and Prosthodontics
30	Dr Ong Kheng Kok	Lecturer	Endodontics, Operative Dentistry and Prosthodontics
31	Dr Ong Teng Sin	Lecturer	Endodontics, Operative Dentistry and Prosthodontics
33	Dr Tan Kian Meng	Lecturer	Endodontics, Operative Dentistry and Prosthodontics

S/N	Name	Appointment	Discipline
34	Dr Tan Ying Han	Lecturer	Endodontics, Operative Dentistry and Prosthodontics
35	Dr Thean Tsin Piao	Lecturer	Endodontics, Operative Dentistry and Prosthodontics
36	Adj Assoc Prof Elliott, Myra nee Lin Wen Jui	Adjunct Associate Professor	Oral and Maxillofacial Surgery
37	Adj Assoc Prof Loh Fun Chee	Adjunct Associate Professor	Oral and Maxillofacial Surgery
38	Adj Assoc Prof Robinson, Narendran Andrew	Adjunct Associate Professor	Oral and Maxillofacial Surgery
39	Dr Chan Siew Luen	Senior Lecturer	Oral and Maxillofacial Surgery
40	Adj Assoc Prof Chng Chai Kiat	Adjunct Associate Professor	Orthodontics and Paediatric Dentistry
41	Adj Assoc Prof Hwang Yee Cheau	Adjunct Associate Professor	Orthodontics and Paediatric Dentistry
42	Adj Assoc Prof Loh Kai Woh	Adjunct Associate Professor	Orthodontics and Paediatric Dentistry
43	Adj Assoc Prof Mohammed Azharashid Bin Mohamed Tahir	Adjunct Associate Professor	Orthodontics and Paediatric Dentistry
44	Adj Assoc Prof Tan Hwee Hiang	Adjunct Associate Professor	Orthodontics and Paediatric Dentistry
45	Ms Ho Koon Chyn, Florence	Senior Lecturer	Orthodontics and Paediatric Dentistry
46	Dr Kaan Sheung Kin	Senior Lecturer	Orthodontics and Paediatric Dentistry
47	Dr Lim Chong Yang, Arthur	Senior Lecturer	Orthodontics and Paediatric Dentistry
48	Dr Ng Jing Jing	Senior Lecturer	Orthodontics and Paediatric Dentistry
49	Dr Ong Hoe Boon	Senior Lecturer	Orthodontics and Paediatric Dentistry
50	Dr Tan Tzee Jen	Senior Lecturer	Orthodontics and Paediatric Dentistry
51	Dr Tong Huei Jinn	Senior Lecturer	Orthodontics and Paediatric Dentistry
52	Dr Md Badrun Nafis bin Saion	Lecturer	Orthodontics and Paediatric Dentistry
53	Adj Assoc Prof Chung Kong Mun	Adjunct Associate Professor	Periodontics
54	Adj Assoc Prof Tan Thong Kwan, Benjamin	Adjunct Associate Professor	Periodontics
55	Dr Ang Chee Wan	Senior Lecturer	Periodontics
56	Dr Bai Shuren, Adrian	Senior Lecturer	Periodontics
57	Dr Kwek Swee Nguang, Henry	Senior Lecturer	Periodontics
58	Dr Lee Kwee Jin	Senior Lecturer	Periodontics
59	Dr Madeliene Rathi Gunaratnam	Senior Lecturer	Periodontics
60	Dr Tay Lai Hock, Alphonsus	Senior Lecturer	Periodontics
61	Dr Yap Kin Wai	Lecturer	Periodontics
61	Adj Assoc Prof Lee Woon Oi, Teresa	Adjunct Associate Professor	Primary Dental Care and Population Oral Health

Staff Listing

Part-time Teaching Staff as of 31 March 2021

S/N	Name	Discipline
1	Dr Chong Isaac	Endodontics, Operative Dentistry and Prosthodontics
2	Dr Choo Keang Hai	Endodontics, Operative Dentistry and Prosthodontics
3	Dr Foo Mooh Thong	Endodontics, Operative Dentistry and Prosthodontics
4	Dr Guo Weidi	Endodontics, Operative Dentistry and Prosthodontics
5	Dr Khng Kwang Yong, Kelvin	Endodontics, Operative Dentistry and Prosthodontics
6	Dr Koh Chee Keong, Ivan	Endodontics, Operative Dentistry and Prosthodontics
7	Dr Lee Chi Hong, Bruce	Endodontics, Operative Dentistry and Prosthodontics
8	Dr Lee Leing	Endodontics, Operative Dentistry and Prosthodontics
9	Dr Li Shanshan, Angela	Endodontics, Operative Dentistry and Prosthodontics
10	Dr Lim Lii	Endodontics, Operative Dentistry and Prosthodontics
11	Dr Lim Xin En, Andrew	Endodontics, Operative Dentistry and Prosthodontics
12	Dr Long Benjamin Charles	Endodontics, Operative Dentistry and Prosthodontics
13	Dr Ng Dih Hann, Simon	Endodontics, Operative Dentistry and Prosthodontics
14	Dr Ow Kok Keng, Richard	Endodontics, Operative Dentistry and Prosthodontics
15	Dr Phay Yong Kang	Endodontics, Operative Dentistry and Prosthodontics
16	Dr Sim Peng Chuan, Timothy	Endodontics, Operative Dentistry and Prosthodontics
17	Dr Sng Hong Cheong, Jeffrey	Endodontics, Operative Dentistry and Prosthodontics
18	Dr Steven Soo	Endodontics, Operative Dentistry and Prosthodontics
19	Dr Tan Jun Da	Endodontics, Operative Dentistry and Prosthodontics
20	Dr Tan Min Seet	Endodontics, Operative Dentistry and Prosthodontics
21	Dr Tan Tiat Heng, Edwin	Endodontics, Operative Dentistry and Prosthodontics
22	Dr Tay Koong Jiunn	Endodontics, Operative Dentistry and Prosthodontics
23	Dr Tay Li Chye	Endodontics, Operative Dentistry and Prosthodontics
24	Dr Teo Juin Wei	Endodontics, Operative Dentistry and Prosthodontics
25	Dr Tey Hwee Shinn, Valerie	Endodontics, Operative Dentistry and Prosthodontics

S/N	Name	Discipline
26	Dr Ung Youlin, Justina	Endodontics, Operative Dentistry and Prosthodontics
27	Dr Yang Shi Lin, Sherine	Endodontics, Operative Dentistry and Prosthodontics
28	Dr Ho Kok Sen	Oral and Maxillofacial Surgery
29	Dr Lye Poh Wah, Clement	Oral and Maxillofacial Surgery
30	Dr Sng Kong Chee	Oral and Maxillofacial Surgery
31	Dr Teo Bo Tiong, Noah	Oral and Maxillofacial Surgery
32	Dr Wee Tze Haur	Oral and Maxillofacial Surgery
33	Dr Koh Geok Sin, Sylvia	Orthodontics and Paediatric Dentistry
34	Dr Lee Pheng Hean, Bryce	Orthodontics and Paediatric Dentistry
35	Dr Oh Sin Yin, Geraldine Simone	Orthodontics and Paediatric Dentistry
36	Dr Poon Kah Chai	Orthodontics and Paediatric Dentistry
37	Dr Poon Kee Hwang	Orthodontics and Paediatric Dentistry
38	Dr Seow Yian San	Orthodontics and Paediatric Dentistry
39	Dr Tang Kok Siew	Orthodontics and Paediatric Dentistry
40	Dr Teh Yi Mui, Marina	Orthodontics and Paediatric Dentistry
41	Dr Toh Siew Luan	Orthodontics and Paediatric Dentistry
42	Dr Yip Pei Wen, Natalia	Orthodontics and Paediatric Dentistry
43	Dr Anwar Erica Jade	Periodontics
44	Dr Chang Hui Min, Jaime	Periodontics
45	Dr Heng Hui Mian, Nora	Periodontics
46	Dr Hoang Tram Ngoc	Periodontics
47	Dr Leong Jack Min, Daylene	Periodontics
48	Dr Phua Zong You, Jonathan	Periodontics
49	Dr Tan Wah Ching	Periodontics
50	Dr Yeo Boon Keng, Alvin	Periodontics

Future Forward

In January 2021, the Faculty launched its strategy and workplan for the next three years. The strategy has been influenced by a number of external drivers, such as the strategic priorities of NUS, NUHS, Ministry of Health and Ministry of Education. As the only dental school in Singapore, we must not stand still but continually aim to improve our value proposition in education and research. We also recognise that the world has changed following the COVID-19 pandemic, and we will not be going back to the way we conducted business pre-pandemic. In setting out our strategy, the Faculty has articulated a number of desired outcomes.

We will develop a future-ready, forward-thinking curriculum which emphasises the traditional core clinical skills, but is also underpinned by development and nurturing of professional attitudes, ethical behaviours, communication skills and opportunities for personal development and team working in a community setting. We aim to create opportunities for interdisciplinary learning outside of traditional dental education and skills acquisition. Our curriculum will embrace technology-enhanced learning and develop high fidelity clinical simulation and virtual learning environment to enhance clinical skills.

It should be recognised that while we strive for our dental graduates to be practice ready, we cannot equip our students with everything they need to know at the end of a four-year degree programme; they need to embrace evidence-informed lifelong learning concepts at graduation. We will develop attractive micro credentialing style courses for graduates aiming to upskill beyond their primary degree competencies, and offer opportunities to broaden their skills beyond dentistry.

The Faculty of Dentistry will strive to raise the quality of its research output and global impact whilst delivering high quality education; a new centre for oral health research will be established to enhance research capability in the Faculty, and ultimately, credibility in seeking external research collaborations.

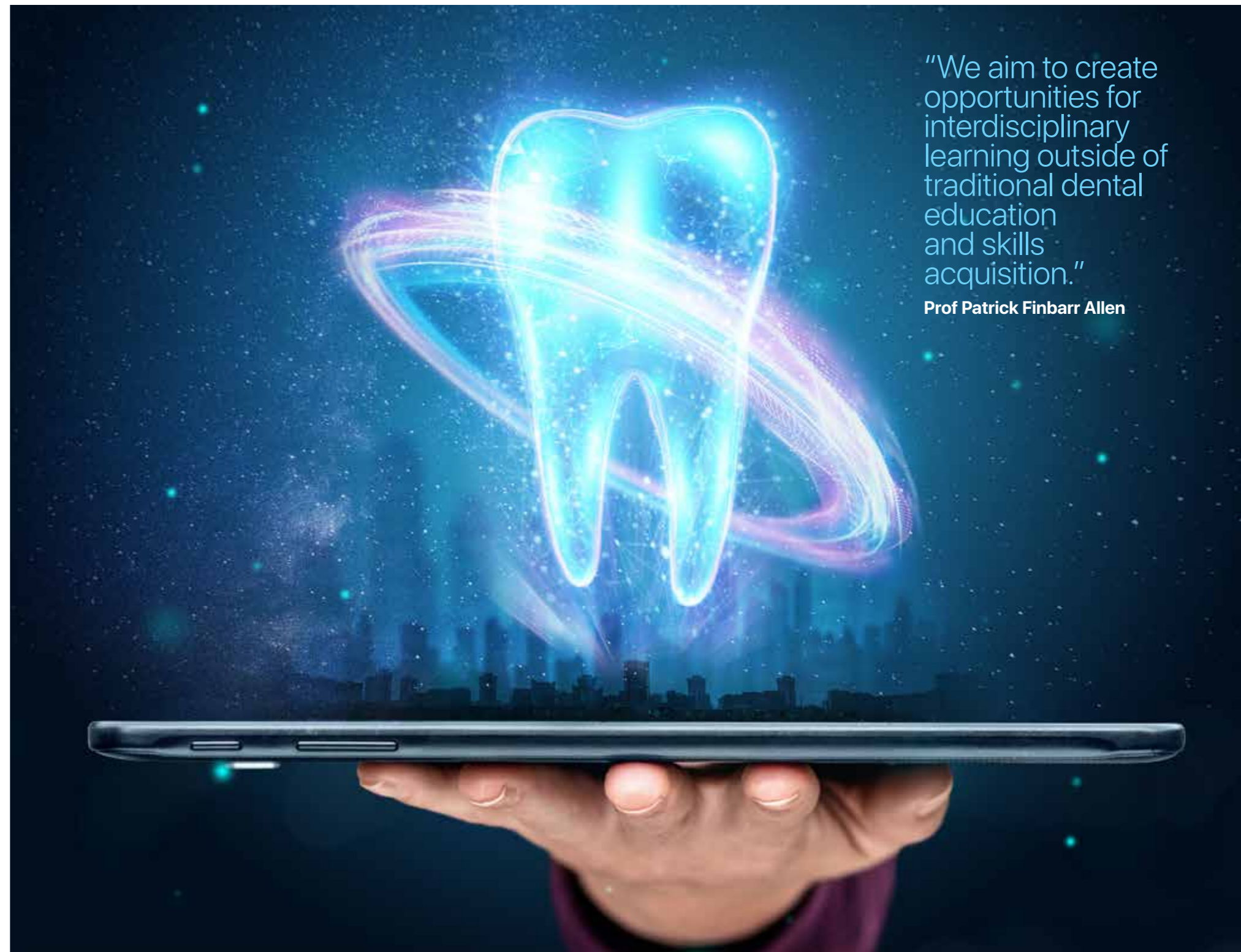
The Faculty aims to attract the world's best talent in dental education and research, and cultivate a pipeline of local talent to commit to a career in academic. There is a particular emphasis on recruitment of high research potential Assistant Professors in the next five years; this will influence the profile of staff hiring and retention strategy in the Faculty of Dentistry.

Enterprise sustainability will require additional sources of funding from private sources, including endowments and self-funded coursework and externally funded research grants. We aim to raise \$5 million in donations and investment income over the next three years.

In line with the NUS Organisational Excellence initiative, and the desire to build "One NUHS" culture, we must invest in people; we aim to improve staff engagement, provide development opportunities, enhance staff capabilities and contributions; this must be achieved alongside simplification of processes and careful management of workload.

We are excited about the future and look forward to working with local and global partners, to advance our tripartite mission of education, research and clinical services.

Prof Patrick Finbarr Allen



"We aim to create opportunities for interdisciplinary learning outside of traditional dental education and skills acquisition."

Prof Patrick Finbarr Allen



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