

FACULTY OF DENTISTRY



Annual Report
2017/18



CONTENTS

- 3** Vision & Mission
- 4** Dean's Message
- 6** Organisational Structure
- 8** Deanery
- 9** Board Members
- 10** Highlights of the Year
- 12** Education
- 31** Calendar of Events
- 36** Research
- 47** Clinical Service
- 50** Engaging Our Alumni
- 58** Staff Development

FACULTY VISION & MISSION



Vision

To be a dental institution of international distinction

Mission

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



The Faculty of Dentistry is dedicated to achieving excellence in education, research and patient care. In 2017-18, we ran the last leg in the construction of the National University Centre for Oral Health, Singapore (NUCOHS). When ready, NUCOHS will without a doubt take us nearer to fulfilling our tripartite mission of transforming oral health through academic excellence, high impact research and quality clinical service.

Providing a robust training programme for both undergraduates and postgraduates remained our key focus in Education. As part of our efforts to streamline the grading process, an electronic monitoring system was introduced to allow digitising of all grades attained throughout the course of all undergraduates programmes. This system was developed and implemented in phases through the academic year. We also recognise the potential to leverage on technology to enhance the learning experience, and have now developed a faculty strategy for technology enhanced learning (TEL) over the next 3 years.

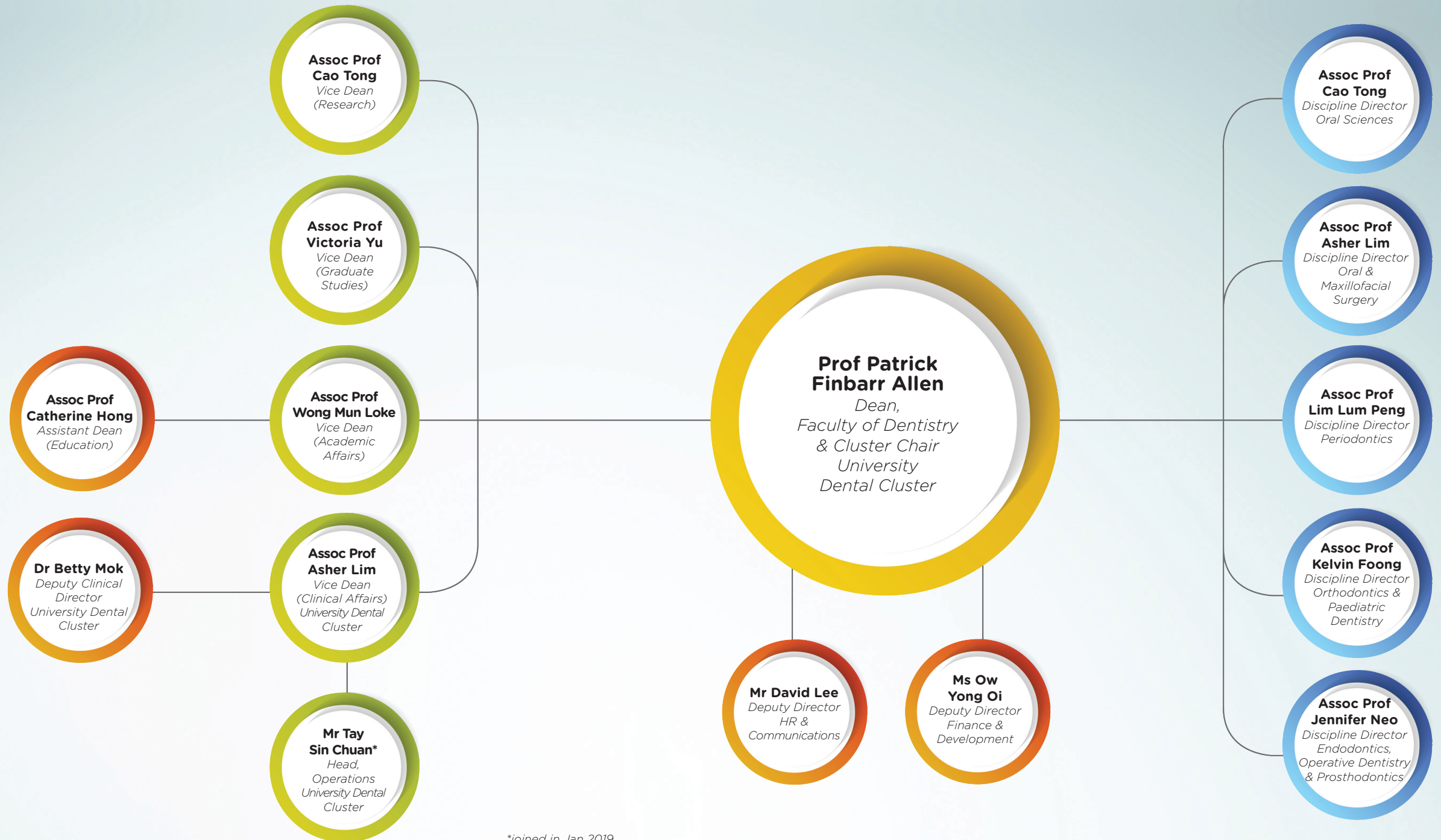
On the Research front, we continued in our quest to translate research findings into clinical practice. Faculty members and students also did the Faculty proud by winning several prestigious research awards and won competitions within the year. The proportion of publications in top tier scientific journals has also significantly risen over the past year. To ensure that our students and patients continue to benefit from bursaries, research and clinical care, our alumni and donors answered each of our fund raising calls with their generous financial contributions - for which we are ever so grateful.

It is our strong belief that preventive dentistry has a large role to play in the overall enhancement of oral health, and our Clinical Services team has been working hard to send this message out. In the past year, we have conducted several community engagement activities in the form of oral health screenings to reach out to different segments of the community. During these engagements, oral health education remained a key emphasis throughout due to its strong and long-term impact on our aim to have people take care of their oral health before problems surface.

Buildings are but structures if they fail to serve a higher purpose. We are fortunate in having the right team make up our unique Faculty to contribute to making this a place of innovative learning and rewarding employment. Recruitment, retention and development of talent is a focus for the Faculty in the next 12 months as we make plans to shift our education, research and training facilities, and clinical operations into NUCOHS.

Meanwhile this report details some of the major clinical and academic achievements of the Faculty in 2017/2018. I hope you enjoy reading them.

Prof Patrick Finbarr Allen



*joined in Jan 2019

DEANERY

As of 30 June 2018



Prof Patrick
Finbarr Allen
Dean

A/Prof Wong Mun Loke
*Vice Dean
(Academic Affairs)*

A/Prof Catherine Hong
*Assistant Dean
(Education)*

A/Prof Cao Tong
*Vice Dean
(Research)*

A/Prof Asher Lim
*Vice Dean
(Clinical Affairs)*

A/Prof Victoria Yu
*Vice Dean
(Graduate Studies)*

FACULTY BOARD MEMBERS

As of 30 June 2018



Prof Patrick
Finbarr Allen



A/Prof
Kelvin Foong



A/Prof
Asher Lim



A/Prof Wong
Mun Loke



A/Prof
Cao Tong



A/Prof
Jennifer Neo



A/Prof
Catherine Hong



A/Prof
Victoria Yu



A/Prof
Lim Lum Peng

UPDATES ON THE CONSTRUCTION OF THE NATIONAL UNIVERSITY CENTRE FOR ORAL HEALTH, SINGAPORE

In the last one year, building construction works for the National University Centre for Oral Health, Singapore (NUCOHS) achieved significant structural milestones. Piling works, which started on 15 Oct 2015, came to a close with the completion of its final floor in July 2017. With the external structure completed, the work on the internal aspects of the building had also begun in earnest.

On 30 Apr 2018, the NUCOHS building received its Temporary Occupation Permit, or TOP. The installation of dental chairs and other internal fittings commenced swiftly thereafter. All 262 of the centre's dental chairs are expected to have been installed by the end of July 2018.



The steady progress of the construction showed that the building was on track to be completed in July 2018. Earlier, the building had been awarded the BCA Green Mark Platinum Award. BCA Green Mark is a green building rating system to evaluate a building for its environmental impact and performance. There are four ratings, namely BCA Green Mark Certified, Gold, GoldPlus and Platinum, with Platinum – as achieved by NUCOHS – being the highest achievable rating.

The management would like to thank all of the project owners, project management team and the tender evaluation committees who have

worked hard on the onerous tasks of preparing and overseeing the necessary tenders over the past year. In addition to the building project, work has also commenced to develop a national oral health management IT system. The next step is for NUCOHS is to work towards full operationalisation of its facilities – in education, research and clinical – by mid 2019. With this, NUCOHS will be a step closer to becoming Singapore's newest national health specialty centre and its vision to be an excellent dental institution of global influence in research, education and patient care.



The NUCOHS building post-TOP, ready for the big move.



EDUCATION

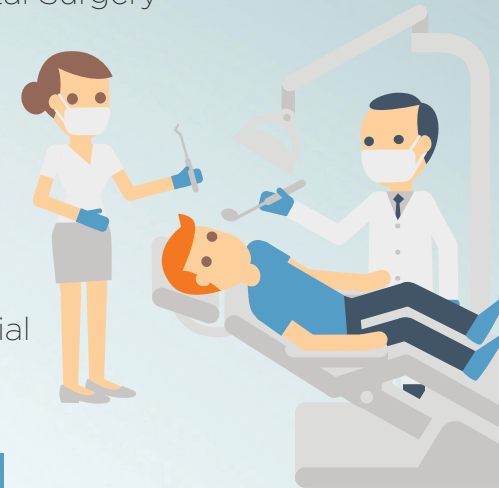
EDUCATION

STUDENT NUMBERS

217 Bachelor of Dental Surgery

8 Master of Dental Surgery (Endodontics)

11 Master of Dental Surgery (Oral & Maxillofacial Surgery)



7 Master of Dental Surgery (Periodontology)

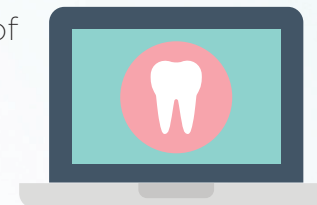


15 Master of Dental Surgery (Orthodontics)

7 Master of Dental Surgery (Prosthodontics)

9 Master of Dental Surgery (Paediatric Dentistry)

5 Master of Science



18 Doctor of Philosophy

6 Graduate Diploma in Dental Implantology

TOTAL 303

GRADUATING CLASS HIGHLIGHTS - UNDERGRADUATE

CLINICAL GROUP A

1. What is the fondest memory you have of dental school?

Dental school had definitely kept us extremely busy, be it with lab work or handling patients. Through the tough times and countless hours spent in school, we managed to create quite a few fond memories. We really enjoyed celebrating one another's successes and helping out wherever we could when things didn't go so well for others. We also enjoyed the company when everyone stayed back to complete our lab work, and of course as we counted down to graduation! Through hardships we learnt that we could count on one another and even though there wasn't plenty of time to create more memories in school, our camaraderie was built on celebrating the high points and handling the setbacks that made dental school even more special and memorable.



2. What is your greatest takeaway from dental school?

We learnt many valuable life lessons, and one of them is to be tenacious. Dental school is no doubt one of the toughest periods that we have been through, but we also learnt to stay calm when faced with patient cancellations and other adversities.

3. What are some of the things you enjoyed doing as a cluster?

During our four years of dental school, we went through many trying but memorable days together. Some of our fonder memories include going to Starbucks to enjoy 1-for-1 drinks after school and chatting (in actual fact complaining and gossiping) while doing our lab work.

CLINICAL GROUP B

1. What is the fondest memory you have of dental school?

The fondest memory we have of dental school is spending countless hours in the lab finishing our lab work - be it technique or patient-related work, and the time spent with one another. We enjoy hanging out with each other while playing games or foosball in the dental lounge, and assisting one another and treating patients in the clinics.

2. What is your greatest takeaway from dental school?

The greatest takeaway from dental school would be the friendships we have made, and learning to be resilient when faced with hard times. Most importantly, dental school has given us the platform to refine and improve on our interpersonal skills and patient management skills, in order to become a better clinician.

3. What are some of the things you enjoyed doing as a cluster?

Some of the things we enjoyed doing as a cluster include finding lost instruments in each other's drawers and spending our time in the lab with each other.

CLINICAL GROUP C



1. What is the fondest memory you have of dental school?

The fondest memories we have would be the time spent with the friends made in dental school. Initially, it was simply getting through the early years of school together. Now, it brings back bittersweet memories thinking back about studying together for tests and exams, and then getting stressed over entering clinics. Over time, it was the outings and trips we had together which were extra memorable. I suppose it was the company that really mattered.

2. What is your greatest takeaway from dental school?

The greatest takeaway from dental school is that dentistry is as much relational as it is rational. Being in a class of only 54, everyone could understand and relate to what each other was going through, and support from classmates was truly important not just mentally but sometimes even in completing urgent work. In the clinics, it was figuring out each assessor's working style and adapting to it. Being able to form healthy relationships and having a good grasp of knowledge will get you through dental school.

3. What are some of the things you enjoyed doing as a cluster?

One of the simplest yet most enjoyable activity we did as a cluster was the countless hours spent chatting about any and everything even as we rushed to complete our lab work. We would share about our struggles in dental school, and about our personal lives as well. Not only did we get to know each other better through these meaningful conversations, it really did make lab work less monotonous and perhaps made the many hours spent in the lab a little more bearable.

CLINICAL GROUP D

1. What is the fondest memory you have of dental school?

Sometimes, lab work becomes a little bit lacklustre, and little bit mundane, and someone in the cluster initiates a time where everyone gathers around with our wax-ups and PKTs in hand, and that circle becomes a little bit of a safe haven, where we laughed and left behind a little bit of our frustrations through heartfelt conversations. Another fond memory we have of dental school is during the Inter-Faculty Games season, where despite our limited talent pool and sporting abilities, we still have a great time fighting and endeavouring to bring glory to Dentistry through the myriad of sporting events with the enthusiasm we share when playing sports together.



2. What is your greatest takeaway from dental school?

Apart from the learning journey and the roller-coaster ride that dental school brings one on, we learnt that celebrating the highs and never giving up through the lows were possible by depending on the friendships that we have forged over the past four years. Dental school has also shown us the value of perseverance and adaptability - that no matter how much we plan, anything and everything could possibly go wrong and it is in such situations where we are challenged to persevere through it all.

3. What are some of the things you enjoyed doing as a cluster?

Apart from the heartfelt conversations shared in dental school within the circle of trust, the time we spent outside dental school also played a huge role in making this journey all the more enjoyable. From karaoke sessions to staycations in the library studying for upcoming tests or examinations, to class outings and overseas trips together, the friendships forged and memories shared will last for a long time to come.

CLINICAL GROUP E

1. What is the fondest memory you have of dental school?

With just one hour to ourselves in our often twelve-hour-long days, lunch time was something we all looked forward to. Though we often needed to sacrifice some (or all) of this precious time to prepare well for our patients, we still had great memories of this golden hour. From having daily lunches with friends in the dental lounge, to sharing our packed lunches and giving ourselves little things to celebrate to get through the long weeks of school, to enjoying out-of-school lunches with our friends whenever we had a last minute cancellation of lessons or clinics.



CLINICAL GROUP F

1. What is the fondest memory you have of dental school?

The fondest memory we have of dental school is the Rag and Flag event, in which we participated during Year 1 and helped to organise in Year 2. It was a fantastic way to get to know our fellow batch mates and our direct seniors and juniors. Despite being the smallest faculty in NUS, we managed to get a respectable silver award for our efforts. We will also always remember the super nice lab technicians who were always there for us, and who nagged at us to go home when we stayed behind to finish our lab work in the evenings.

2. What is your greatest takeaway from dental school?

Our greatest takeaway from dental school is the importance of perseverance. The four years spent in dental school were tough, during which we've experienced our good days but also weathered through many tough storms, in the forms of multiple failed competencies, tests, or when what you plan to do during a clinical session goes unexpectedly awry even after meticulous planning and preparation on your part. We learnt to stay humble and unassuming, to learn through trial and error and at the same time, celebrate the small victories that we were blessed with.

3. What are some of the things you enjoyed doing as a cluster?

Helping each other with lab work, our cluster lunches and outings. Especially lab work as we sat in very close proximity to one another and often spent time chatting and getting to know each other better. As some of us often lose our lab instruments in the mountain of things we needed to keep, we ended up borrowing/lending/sharing lots of equipment and materials in school.



2. What is your greatest takeaway from dental school?

We have to consistently be willing to improve and be open-minded to learn. In the ever-changing landscape of dentistry in which new methods and novel technologies are introduced to better enhance the care of our patients, we must seek to expand our minds and practice by consulting evidence.

3. What are some of the things you enjoyed doing as a cluster?

We enjoyed the hours spent together in school building relationships and friendships through having meals and completing lab work in the after-hours. We also made a significant effort to get to know one another better through activities beyond the school walls.

GRADUATING CLASS HIGHLIGHTS
- POSTGRADUATE

ENDODONTICS



1. How do you envision yourself contributing to your discipline after graduation? What are your visions?

As future endodontists, we hope to uphold the standard of Endodontic practice by constantly improving oneself via continuous learning and honing our diagnostic and practical skills. In the wider practice of dentistry, we hope we would be able to offer our expertise to assist in the overall management of patients with multidisciplinary treatment needs. In clinical practice at our respective institutions after graduation, we can guide junior clinicians and hopefully inspire them to enjoy the field of endodontics.

On an international level, we will attend overseas conferences to engage in exchange with Endodontic Societies of other nations, in the hope to keep our local practice up to date.

Lastly, we can continue to push the boundaries of the field of Endodontics by identifying knowledge gaps and engaging in relevant research to bridge them.

2. What is your greatest takeaway from your postgraduate training? Did residency help your personal growth as an individual and a clinician? If yes, how?

Postgraduate training has been challenging but it has definitely taught us to keep up a positive attitude, particularly when we encounter setbacks. The programme has also given us much liberty and confidence to direct our own learning both as clinicians and (amateur) researchers, and through planning and leading our own seminars, we have gained greater confidence in public speaking and making presentations as well.

Sometimes having more on our plates teaches us time management and balance between work and life. While we do have less time for leisure and the people we love during residency, working within time constraints has in fact made us treasure those social moments more and we actually spend better quality time with loved ones than we did before.

ORTHODONTICS

1. How do you envision yourself contributing to our discipline after graduation? What are your visions?

The Orthodontic specialty is constantly evolving with advancements in technology and engineering. In light of this, we hope to be adaptable and creative individuals who explore and evaluate the application of these new developments in orthodontic practice. This will give patients more alternatives to traditional orthodontic treatment and improve patient experience and possibly even mitigate some of the risks associated with traditional orthodontic treatment. We hope to make the Orthodontic specialty more accessible to patients and to put a smile on everyone we meet!



2. What is your greatest takeaway from your postgraduate training? Did residency help your personal growth as an individual and a clinician? If yes, how?

The postgraduate training programme is an exciting, challenging and finger-aching experience. In this programme, we gained specialist knowledge of our field through various courses, seminars, conferences and independent study. Managing a research project independently has honed our critical thinking and analytical skills, and taught us to collaborate with people from different disciplines and cultures. Through this programme, we have learnt to take responsibility for our own learning and development, often dealing with complex situations that trained us to make informed decisions with incomplete information. Our greatest takeaway includes a mindset that is focused on independent life-long learning, with open-mindedness to learn and relearn the knowledge we have held.

ORAL & MAXILLOFACIAL SURGERY

1. How do you envision yourself contributing to your discipline after graduation? What are your visions?

I believe that only after graduation and training as a registrar would I have the capabilities to contribute. Thereafter, I hope I am able to subspecialise and not just provide specialised services to patients and also to inspire future generations to join and push the boundaries of our profession. I envision myself as part of a team, working seamlessly together to cater to patients' oral health needs.

2. What is your greatest takeaway from your postgraduate training? Did residency help your personal growth as an individual and a clinician? If yes, how?

My greatest takeaway would be the people I have met. Colleagues who have become my friends and challenged me as an individual and clinician. The external postings to departments like General Surgery and Ear, Nose and Throat have also opened



my eyes to how our specialty can contribute to the patients and how vast the scope of Oral and Maxillofacial is. There is so much to learn and I feel that this residency is just the very first step of a long journey ahead.

PAEDIATRIC DENTISTRY

1. How do you envision yourself contributing to your discipline after graduation? What are your visions?

We hope to be able to extend our education to the wider community in terms of raising the dental awareness in the paediatric population. We also

hope to pay forward the mentorship received to the younger professionals in our field by equipping them with the necessary skills to deal with paediatric patients.

2. What is your greatest takeaway from your postgraduate training? Did residency help your personal growth as an individual and a clinician? If yes, how?

Our training has taught us that being a good paediatric dentist is not just about having the necessary clinical skills but more importantly, having compassion for our patients and learning to communicate well with parents and colleagues. From our supervisors we have learnt that in many situations, all we have to do is listen a little better and read between the lines to understand the frustrations and expectations of parents. We hope that we can continue to grow in patience and empathy for our patients, both as individuals and as clinicians.



PERIODONTICS

1. How do you envision yourself contributing to your discipline after graduation? What are your vision?

After graduation, we would be heading our separate ways. For the immediate future, Cidong and Jacob would be serving their respective bonds with NDC and NUHS.

Woon Ling would be engaged in a periodontal practice, in Malaysia. Given the large patient to periodontist ratio, she would be a valuable asset.



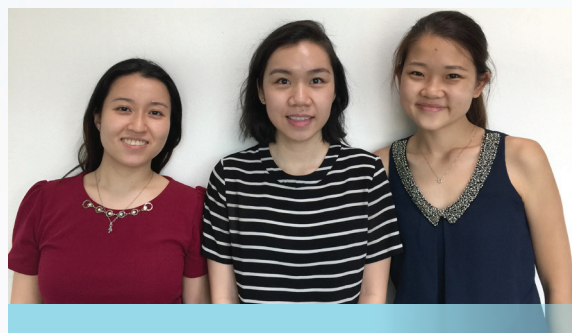
2. What is your greatest takeaway from your postgraduate training? Did residency help your personal growth as an individual and a clinician? If yes, how?

The programme has given us many lessons, in life and in periodontology. If we were to name a greatest takeaway, it would be the training in critical thinking and problem solving. It facilitates the analysis and deconstruction of ideas and techniques, down to their basic elements. Such training would equip us, as clinicians, the ability to keep abreast in this consistently evolving field.

PROSTHODONTICS

1. How do you envision yourself contributing to your discipline after graduation? What are your visions?

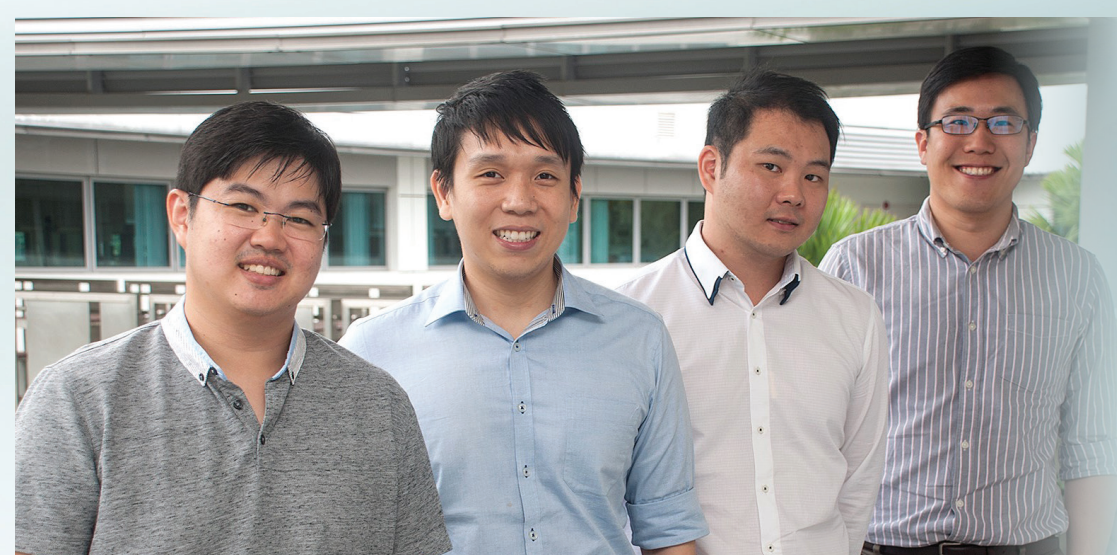
I envision providing better care for my patients through an improved ability to make carefully considered decisions and provision of informed consent. My ambitions are to keep a keen wonder for learning and to continually better my skills.



2. What is your greatest takeaway from your postgraduate training? Did residency help your personal growth as an individual and a clinician? If yes, how?

The greatest takeaway from residency is stretching myself to learn how to better manage my time. With multiple things to juggle all at once, I was challenged to complete the daily grind in a timely manner. Residency has also helped me to relearn how to critically think during clinical decision-making. The stresses of residency have also taught me to cherish my relationships and to appreciate the little things in life. The support that the prosthodontics community has provided is also very encouraging and reassuring.

GRADUATE DIPLOMA IN DENTAL IMPLANTOLOGY



1. How do you envision yourself contributing to your discipline after graduation? What are your visions?

We hope that we will be able to provide a high standard of implant dentistry care to our private practice patients similar to what leading institutions are providing to their patients. Right now, implant dentistry is taught mainly by implant companies, and are usually short courses with inherent bias from the companies. Information provided may be confusing as well as each implant course advocates different techniques. Hopefully, with more dentists coming through this programme, the overall standard of implant dentistry across Singapore will improve and become more standardised and evidence-based. This will also be of great benefit to Singaporeans as they can expect better care and a wider smile.

2. What is your greatest takeaway from your postgraduate training? Did residency help your personal growth as an individual and a clinician? If yes, how?

We would like to thank our supervisors for the generous sharing of their knowledge and giving us practical hands-on experience. One thing about working in the private practice is that we usually have limited access to experts' and specialists' opinion, much less supervision from multiple experts. It is an invaluable opportunity to once again have the support and teaching from renowned and well-respected tutors. We have indeed learnt a lot from them throughout our time in this programme and are more confident when discussing implant options with our patients. More importantly, we are more aware of potential pitfalls of implant dentistry as well as our own personal limitations. This allows us to practice safer dentistry on our patients and to sleep better at night.

LONGITUDINAL LEARNING AND COACHING MANAGEMENT (LLCM) SYSTEM

Submitting returns at the end of the term has been ritual carried out by dental students since time immemorial. It is a time consuming and tedious task involving going through the entire list of patients and arranging them in a cogent order. For the faculty, this can take up valuable time which can be better spent and for the student, a mistake can mean not graduating in time, not to mention the environmental footprint from the stacks of paper forms needed to track the process.

Spearheaded by the Vice Dean (Academic Affairs) A/Prof Wong Mun Loke and Assistant Dean (Education) A/Prof Catherine Hong, the LLCM system was developed as an integrated paperless system that will include didactic, pre-clinical technique and clinical returns in a one-stop site. This system promises to cut down the time spent on compiling returns by making it a real-time process where students input their work done right away. Moreover, a major advantage is how module coordinators can monitor in real time

the progress of the class. This will allow more timely help to be given to students, improving the overall teaching provided by the faculty. The system has been successfully piloted in the disciplines of Endodontics and Paediatric Dentistry, and will be rolled out successively to the rest of the disciplines. Providing returns has never been easier.



A/Prof Wong Mun Loke and A/Prof Catherine Hong

EDUCATING OUR MEDICAL COUNTERPARTS

SINGAPORE INSTITUTE OF TECHNOLOGY (SIT)

Singapore Institute of Technology (SIT) is a local autonomous university offering a four-year, direct Honours degree programme, leading to a BSc (Hons) in Diagnostic Radiography. Graduates from this programme are employed as radiographers in various private and public healthcare settings after graduation.

As the programme did not have a Dental Radiography component, FOD participated in designing a Dental Radiography module to fill this gap. Over a two week period, lectures covering the fundamentals of dental radiography were delivered, including basic dental anatomy, radiographic interpretation, and intra-oral and extra-oral radiography technique.

Following the lecture series, students were also assigned to various institutions (including the FOD) as part of their clinical placements. During these attachments, students were able to observe theory being put into practice. This partnership marks the first collaboration between FOD and SIT, and it was a great opportunity for the Faculty to be involved in the academic development of these young future radiographers.

Oral Health Module for NUS Bachelor of Medicine and Bachelor of Surgery (MBBS) students

The Oral Health Module for the Year 3 MBBS students is an inaugural collaboration between the Faculty of Dentistry and our Family Medicine colleagues from the Yong Loo Lin School of Medicine.

Oral health knowledge is an integral, yet often neglected, aspect of health. Medical doctors are often the healthcare personnel who make the first encounter with patients, and would be well poised to offer opportunistic dental advice or make timely dental referrals. In line with this, the Faculty of Dentistry developed a new module which aims to:

- heighten the medical undergraduates' awareness of common dentofacial anomalies and oral conditions across the lifespan;

- reinforce an understanding of the importance of oral health especially oral-systemic interactions, and
- empower the undergraduates to offer opportunistic oral health advice to patients whom they encounter in primary care practice as well as refer patients for timely dental evaluation when necessary.



Utilising a blended learning approach, the module involved a combination of pre- and post-session readings, lectures and/or in-class case discussions in small groups. Through this approach, the MBBS undergraduates are encouraged to think critically and apply the knowledge learnt. The first session was held in June 2018 and will run regularly until Feb 2019 reaching out to the entire cohort of approximately 300 third-year MBBS undergraduates during their Family Medicine posting. Feedback from the inaugural session was generally positive. Based on the feedback, subsequent sessions will be enhanced to ensure that the teaching remains student-centric.

This new module is anchored by Dr Soh Shean Han, who believes it is a great privilege to be part of an inter-professional education initiative. It will also help to nurture future generations of medical doctors who can join hands with the dental fraternity to help bring smiles to the population.

EARLY PROFESSIONAL DEVELOPMENT PROGRAMME

As part of the push to improve the training and learning of newly graduated Dental Officers (DOs) serving their bond at the National University Health System, the Faculty of Dentistry developed the Dental Officer Training & Development Framework for the incoming batch of DOs.

New graduates of the dental programme at NUS are required to serve a bond with the Ministry of Health. As part of that bond, they are posted to various institutions such as polyclinics, School Dental Service, hospitals and the Singapore Armed Forces. This provides an opportunity to conduct on-the-job training for the new graduates, a need that was articulated from feedback by current DOs' supervisors and previous graduating cohorts in their post-course graduate survey.

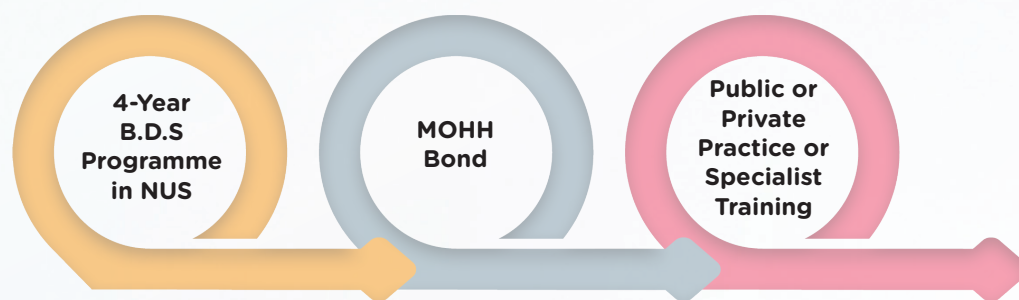
By putting in a semi-structured programme, the Faculty hopes to provide training opportunities

through exposure to management of complex cases in preparation for independent case management post-bond. Additionally, the Faculty also hopes to provide opportunities for DOs to discover their preferred specialty for possible specialisation.

Moreover, there will be additional focus on patient and clinical soft skills with emphasis on Professionalism, Ethics, Law & Communication; Clinic Administration & Management; Healthcare Policies; and Evidence Based Dentistry, in order to provide the young clinicians the necessary tools to become effective general practitioners in the private sector.

As part of the programme, the Faculty has instituted a DO Lecture Series with input from various clinical and academic faculty members on wide ranging topics to help train and prepare DOs for service after their bond.

Early Professional Development Programme



- To provide a structured professional development framework for newly qualified dental graduates in their first 2 years of post-qualification
- To broaden the clinical exposure and experience of newly qualified dentists
- To further develop core clinical competencies expected of a supervised general dental mentorship
- To foster and nurture a spirit of self-directed life-long learning

DO LECTURE SERIES: LECTURES CONDUCTED IN THE PAST YEAR

DATE	SPEAKER	TOPIC
27 Jul 2017	Dr Sim Chien Joo	Local Anaesthesia in Paediatric Dentistry
31 Aug 2017	Dr Ode Wataru	Introduction to Various Obturation Techniques
28 Sep 2017	Dr Wilson Lu	Is There a Place for Early Orthodontics in Today's Practice?
31 Oct 2017	Dr Jacinta Lu	Periodontal Concepts - Learn, Unlearn and Relearn
30 Nov 2017	Dr Tan Hee Hon	Doctor, I have TMJ.
25 Jan 2018	Dr Soh Shean Han	Orthodontics - Basic Principles on How and When to Intervene
22 Feb 2018	Dr Joanne Uy	Assessing Tooth Restorability: The Decision Making Process
29 Mar 2018	Dr Hong Kang Lun	Management of Wisdom Teeth
26 Apr 2018	Dr Wendy Wang	Surgical and Prosthetic Considerations for Two Implant Retained Mandibular Overdentures
31 May 2018	Dr Jacinta Lu	Pre-implant Diseases - Should we be worried?
28 Jun 2018	Dr Frank Lee	To veneer, or not to veneer, that is the question

A SIT-DOWN WITH MAVERICK LIM YONG CHEN - NUS SPORTS SCHOLAR



The NUS Sports Scholarship was established to reward uniquely well-rounded individuals who possess outstanding academic, and sports participation and representation records. The scholarship requires the student to maintain a high academic performance, good conduct, and commits to and represents NUS in the relevant sport by attending varsity team trainings and representing NUS in major competitions. Our very own Maverick Lim Yong Chen from the 2017/2018 intake was awarded the Sports scholarship for his excellence in Rugby. The editorial team sat down with Maverick to talk about his thoughts on dental school and how he is coping with the extra workload that comes with the scholarship.

You have just completed Year 1 of dental school. How was it?

Year 1 has definitely been a very challenging year, juggling between my academic as well as sporting commitments. It was a very big transition going from

a levels and army into university, attending many lectures and practical sessions throughout the week as well as trainings in the evenings. Exams were also very common and thus we had to be consistent with our academics throughout.

For sports, I represented NUS in the annual SUNIG tournament (Sept-Oct 2017) and Inter-Tertiary 7s tournament (Mar 2018) in which we attained first place for both. I also represented the Singapore men's rugby team in the Asian Rugby Championships in November 2017 where the Singapore team won first place.

Outside of academics and sports, I am also a regular volunteer with the NUS Community Service Club (NUSCSC) at Bishan Home for the Intellectually Disabled (BHID) where we have weekly sessions with the residents and engage in activities such as colouring, arts and craft, singing, etc. I also participated in special projects such as Paint A Home and Project C.A.N organised by the NUSCSC.



My Year 1 experience has been challenging but it was meaningful and fulfilling. It has allowed me to step out of my comfort zone to improve myself as a person.

now and then. With the help of the people around me, I was able to cope well with the rigours of academic work and rugby trainings.

What was the most difficult part about Year 1 dental school?

I think the most difficult part about Year 1 was to manage my time well - to be able to attend trainings consistently and at the same time ensure that I kept up with my academic work. Being a sports person, I have learnt the importance of time management as well as self-discipline. I am also fortunate to have wonderful and helpful batch mates as well as staff in the FOD that support and guide me throughout my university life. For example, when my competition clashed with the exams in November 2017, I was able to work with Ms Perina, Ms Shifa, the Biochemistry department and the Physiology department to reschedule exams so that I could travel to Taiwan with the Singapore team. Prof Wong Mun Loke will also constantly check if I was coping well or if I was facing any major issues every

How has your training helped you adapt to dental school?

Having played rugby for 12 years, the sport has been an integral part of my development. Rugby trainings in NUS have also allowed me to develop myself as a person and a leader. Being the current vice-captain of the IVP squad, it has taught me important values such as teamwork, responsibility, resilience and leadership, just to name a few. All these core values are also applicable in dentistry albeit in a different context. For example, in dentistry, we have to work with one another to ensure that no one falls behind. Resilience is also another important value as it is inevitable that we will face failure throughout our four years here, and it will be essential for us to press on, stay focused and bounce back stronger.



Describe some sacrifices you have had to make playing for NUS.

Being in the NUS IVP as well as the national team squad, I have trainings around four to five times a week, mostly in the evenings after school. Thus I start the day at eight in the morning and end roughly around 10pm at night. Having a very packed schedule, I have to sacrifice time with friends and family, especially during exam and competition period when it gets really busy.

Do you have any future plans for your sporting career?

My plans for the future would be to continue playing for the NUS team as well as the national team. I am also exploring the possibility of taking up coaching in the future to expand on my experiences in the sport.



The values and experiences that I have picked up from rugby has definitely allowed me to adapt well in dental school.



CALENDAR OF EVENTS

The Faculty of Dentistry (FOD) is committed to providing opportunities for life-long learning. Part of this initiative is the implementation of a series of comprehensive continue education programmes for students, faculty and alumni. To fulfil that objective, the Dean's Office, under the direction of the Vice-Dean of Graduate Studies, A/Prof Victoria Yu, organises seminars with world-renowned speakers invited from all over the globe. The 13th Faculty of Dentistry Symposium and 22nd NUS Clinical Dentistry Symposium, aimed at enhancing the clinical practice of the participants, were successfully conducted in the past year.

Additionally, the Faculty has continued to participate

in conferences held locally and overseas. These ventures serve to keep our teachers up-to-date with the latest developments in dental science and also build valuable contacts with our academic counterparts in other parts of the world.

These bridges built over the years have led to valuable collaborations with other institutions. The latest example being the signing of a Memorandum of Understanding (MOU) with the Queen Mary University of London. The MOU aims to foster joint research, exchanges and other developmental activities between the two institutions, further enhancing FOD's presence on the global stage.

IADR-SEA & SEAADE 2017 (10-13 AUGUST 2017)



The Faculty sent a large delegation to Taipei, Taiwan to participate in the 2017 International Association for Dental Research (IADR) and South East Asia Association for Dental Education (SEAADE) Annual Scientific Meeting. At the event, A/Prof Kelvin Foong received the Distinguished Service Award from the IADR-SEA Division. Additionally we walked away with some of the most prestigious awards at the scientific meeting, including the 1st and 2nd prizes of the prestigious IADR Hatton Award which were won by Dr Preethi Prajod and Mr Kassapa Ellepola respectively.

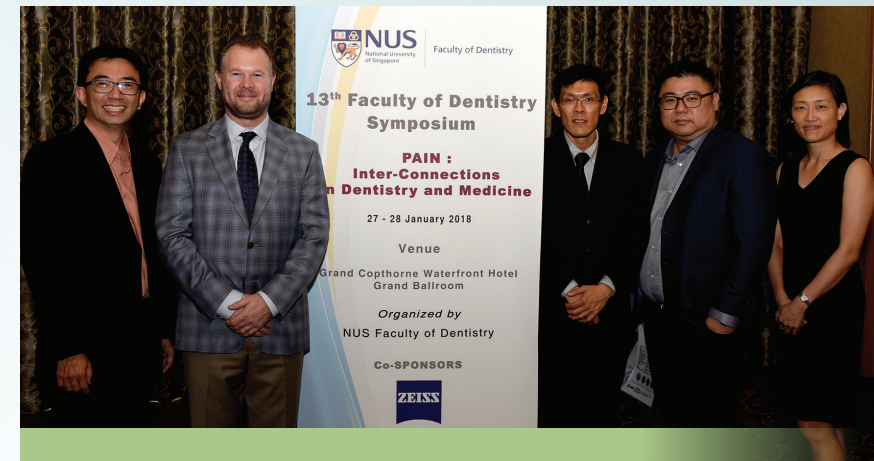
Our undergraduate students did us proud by placing 2nd at both the IADR Joseph Lister Competition (Dr Marcus Phoa, Dr Soh Yu Jie, Dr Ho Kee Wen and Dr Heng Aik Chern Dennis) and IADR-SEA Division/DENTSPLY SIRONA Student Clinician Programme (Dr Clara Goh, Dr Haw Sue Yi, Dr Ren Jiamin and Dr Leong Jin Ni). All in all, this was one of the Faculty's best showings at an international dental meeting. We look forward to scaling even greater heights in future.

CALENDAR OF EVENTS

13TH FACULTY OF DENTISTRY SYMPOSIUM (27-28 JANUARY 2018)

The number of people afflicted by pain, chronic pain in particular, far exceeds the number of those suffering from well-known conditions such as diabetes, cancer, cardiovascular disease and stroke. Recognition that this is a global healthcare problem has sparked research interest and accelerated research output. The theme of the 13th Faculty of Dentistry Symposium was Pain: Inter-connections

in Dentistry and Medicine and featured a series of dental and medical lectures. More than 230 participants attended the symposium and enjoyed an enriching weekend learning from the team of speakers comprising of A/Prof Donald Nixdorf, Dr Tan Hee Hon, Dr James Tan Wen Tien, Dr Lui Yit Shiang, Dr Kewin Siah Tien Ho and Dr Tay Kwang Hui.



INTERNATIONAL DENTAL EXHIBITION AND MEETING (IDEM) 2018 (13-15 APRIL 2018)



The 10th edition of the International Dental Exhibition and Meeting (IDEM) attracted over 8,000 participants from over 70 countries. Many of our faculty, students and alumni participated in the event learning about the latest breakthroughs in dental innovation and practices.

The Dean, Prof Patrick Finbarr Allen, was one of the invited speakers at the conference. He addressed the issue of dental treatment for the elderly in the presentation, "The Silver Wave Needs & Wants: Patient Focused Treatment Planning".

MEMORANDUM OF UNDERSTANDING BETWEEN NUS AND QUEEN MARY UNIVERSITY OF LONDON (30 APRIL 2018)

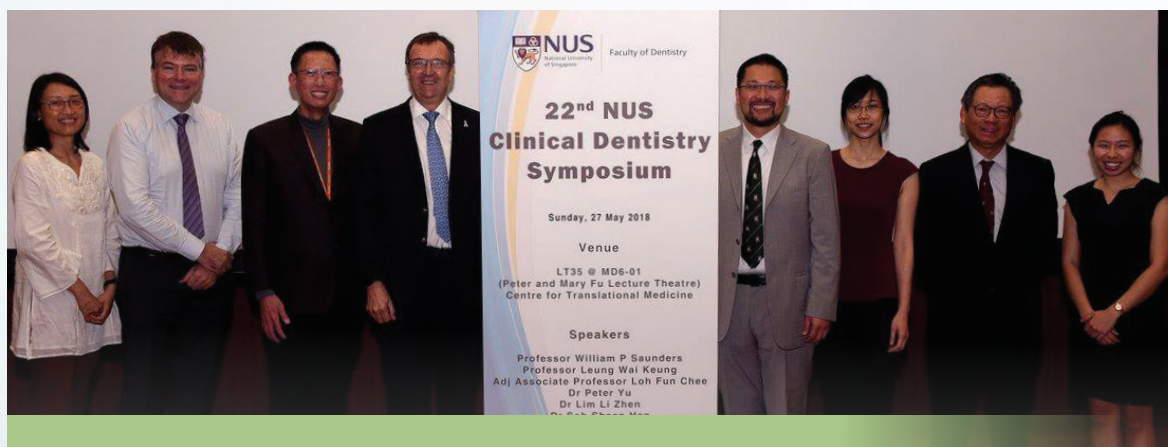
Even before the signing of the MOU between NUS FOD and the Queen Mary University of London (QMUL), the two universities have collaborated in the exploration of the translational and clinical application of iHuman-skin / mucosa. That project is helmed by A/Prof Cao Tong from FOD, NUS and Prof Nikolaos Donos from QMUL. The signing of this MOU formalised the further exchange of scientific and academic information and materials as well as the identification of opportunities for joint academic and scientific activities. The development of this relationship between the two universities would help enhance the global standing of both institutions.



22ND NUS CLINICAL DENTISTRY SYMPOSIUM (27 MAY 2018)

The 22nd edition of the NUS Clinical Dentistry Symposium attracted more than 200 participants and 12 exhibitors. This year saw the presentation of diverse clinical topics in Endodontics, Orthodontics, Periodontology, Oral and Maxillofacial Surgery / Radiology as well as the role of Information Technology in Dentistry.

We were fortunate to have Prof William Philip Saunders from University of Dundee, and Professor Leung Wai Keung from University of Hong Kong as guest speakers as well as Adjunct A/Prof Loh Fun Chee, Dr Peter Yu, Dr Lim Li Zhen and Dr Soh Shean Han from the Faculty speak at the event.



VISITING PROFESSORS



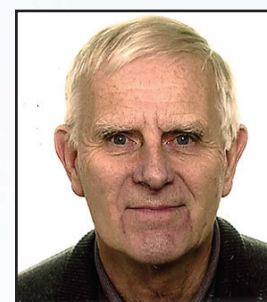
Professor Niklaus P. Lang
Professor Emeritus, University of Berne, Switzerland

Professor Niklaus Lang was appointed Visiting Professor from 10 July to 21 July 2017. He was involved in working with our postgraduate students in Periodontology.



Associate Professor Julie Yip
College of Dentistry, New York University

Associate Professor Julie Yip was Visiting Associate Professor from 12 March to 1 June 2018. She was involved in undergraduate clinical supervision and the didactic teaching of Periodontology.



Professor Robert Gunnar Ivar Bergenholtz
Emeritus Professor, University of Gothenburg

Professor Bergenholtz joined the Faculty from 29 January to 23 March 2018 as Visiting Professor. He was involved in both the undergraduate and postgraduate teaching in Endodontics.



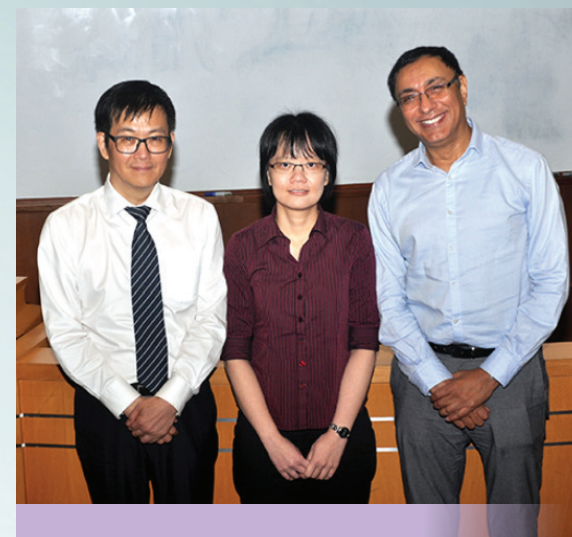
Professor Lone Schou
Dental Public Health and Health Promotion, Lyngby Denmark

Professor Lone Schou had been re-appointed as Visiting Professor from 1 January to 30 November 2018. Her expertise is in Dental Public Health and Behavioural Science. She is involved in the undergraduate teaching in these areas and engages in research consultation in population oral health.

RESEARCH

FOD RESEARCH DAY 2018

The Faculty held its inaugural Research Day on 2nd March 2018. An initiative by the Dean to showcase research activity by students and faculty, this event provided a platform and forum for the exchange of research ideas and academic discourse. It was jointly-organised by the Offices of Research and Graduate Studies with Prof Monty Duggal, A/Prof Cao Tong, A/Prof Tan Kai Soo and Dr Hu Shijia chairing the sessions. In total, 28 post-graduate students and faculty presented their research during the full day event. The format allowed for enthusiastic exchange between the presenters and audience, generating new ideas that will propel the research status in the faculty. All in all, the event was a great success and we look forward to FOD Research Day next year.



Chairpersons - A/Prof Cao Tong, A/Prof Tan Kai Soo & Prof Monty Duggal.



A/Prof Victoria Yu, Vice Dean, Graduate Studies delivering the opening address.



A captive audience.

RESEARCH COLLABORATIONS

NAME OF STAFF	START DATE	END DATE	COLLABORATIONS WITH INSTITUTIONS
A/Prof Victoria Yu	Sep 2017	Sep 2020	National Dental Centre of Singapore Pte Ltd (RCA) & National University Hospital
A/Prof Stephen Hsu	Oct 2017	Oct 2020	BioNANO Technology (Suzhou) Co. Ltd (RCA)
Dr Gopu Sriram	Jan 2018	Jan 2019	Between Institute of Medical Biology (IMB), NUS & Skintrate Pte Ltd (NDA)
Prof Patrick Finbarr Allen	Mar 2018	Mar 2021	National University Polyclinics (RCA)
A/Prof Victoria Yu	Jun 2018	Dec 2019	National University Hospital (RCA)

RESEARCH ACHIEVEMENTS

DATE	ACHIEVEMENT
Dec 2017	Dr Gopu Sriram and a multidisciplinary team of researchers from A*STAR headed by Dr Paul Bigliardi and Dr Zhiping Wang developed a microfluidic 'organ-on-chip' device capable of growing morphologically and functionally superior skin within the chip ('Skin-on-Chip'). Furthermore, the chip enables direct evaluation of barrier function without the need for manual handling. Advantages include integration of skin culture and testing, smaller skin samples, lower test reagents and potential for automation in the future. This work has been recently published in Materials Today (IF = 21.695).
Dec 2017	Patent Licensing - A/Prof Cao Tong, Dr Harish Handral (PhD student) and Dr Sriram Gopu. Through NUS ILO, the FOD PI's team-invented international patent of Vascularised Tissue, Skin or Mucosa Equivalent (WO/2016/209166) was licensed to the global corporate Evonik Industry in December 2017. Evonik Industry will build a strong collaboration with NUS PI's team to develop technology, product and international partnership in other countries in the area of iHuman.
Jan 2018	Dr Vinicius Rosa was appointed as Member of JDR Editorial Board.
Apr 2018	Dr Jaya Seneviratne's article "Transcriptomics Analysis Reveals Putative Genes Involved in Biofilm Formation and Biofilm-associated Drug Resistance of Enterococcus Faecalis" was selected for an honourable mention at the 2018 Journal of Endodontics Awards event held in Denver.

RESEARCH AWARDS

RECIPIENT	AWARD	PROJECT TITLE	DATE OF AWARD	REMARKS
A/Prof Kelvin Foong	Distinguished Service Award by International Association for Dental Research & South East Asia Association for Dental Education (Taipei, Taiwan)	NA	Aug 2017	Award ceremony held in Taipei, Taiwan
Dr Preethi Prajod (PhD)	1st Place in IADR Hatton Awards	Salivary Proteomics Unravels Immune-Inflammatory Paradigm During Pregnancy And Postpartum Period	Aug 2017	Supervisor: Dr Jaya Seneviratne Co-Supervisor: A/Prof Wong Mun Loke
Dr Kassapa Ellepola (PhD)	2nd Place in IADR Hatton Awards	Streptococcus Mutans Gtfb Enhances Candida Albicans Cariogenic Potential In Mixed-Biofilms	Aug 2017	Supervisor: Dr Jaya Seneviratne
Dr Marcus Phoa, Dr Soh Yu Jie, Dr Ho Kee Wen and Dr Heng Aik Chern Dennis	Runner-up Award in IADR Joseph Lister Competition	New Coating Method Prevents Enterococcus Faecalis Biofilms On Medical Devices	Aug 2017	Supervisor: Dr Jaya Seneviratne Co-Supervisor: Dr Linda Wu (Singapore Institute of Manufacturing Technology, A*STAR)
Dr Clara Goh, Dr Haw Sue Yi, Dr Ren Jiamin and Dr Leong Jin Ni	2nd Prize in IADR-SEA Division / Dentsply Sirona Student Clinician Programme	Distribution Of Gingival Smile Types And The Difference In Perception Of Smile Aesthetics Between Dentists And Laypeople	Aug 2017	Supervisor: Dr Fu Jia Hui
Dr Alexander Mark Lee Lin Kai, Dr Chung Changsun, Dr Koh Pei Qin Klara, Dr Ng Shi Qi Celeste	Outstanding Undergraduate Researcher (OUR) Prize 2017/18	Effect of Enamel Hindrance of Light Over Curing Depth of Bulk-fill and Conventional Composites	Jun 2017	Supervisor: Dr Vinicius Rosa
Dr Fu Jia Hui	1st Prize in 2018 Ramfjord Symposium Clinical Research Category	Evaluation of Plaque Disclosure Prior to Dental Prophylaxis: A Randomised Controlled Clinical Trial Comparing the Clinical Outcomes Between Rubber Cup and Air Polishing	Jun 2018	Team Members: Dr Fu Jia Hui, Dr Tong Huei Jinn, Dr Wong Li Beng, Chu Guang Yan, Sim Hui Wen Michelle, Lianne Seow Wen Ying & Koh Dong Wei Delwin

SUCCESSFUL RESEARCH GRANTS APR 2017 – MAR 2018

S/N	PI	CO-PI/CO-I	COLLABORATORS	GRANT'S TITLE	GRANT TYPE	TOTAL PROJECT VALUE
NMRC GRANT						
1	Dr Loke Weiqiang (Co-I)	<p>Team leader: A/Prof Lee Chi-Hang, Ronald (NUHC and CVRI, Singapore) is a cardiologist and NMRC-awarded clinician scientist with an interest in Cardiosleep. A/Prof Lee will supervise the clinical study operations.</p> <p>Key opinion leaders: Prof Ferran Barbe (Lleida, Spain) will be consulted in set up and operation of the Cardiosleep laboratory, while Prof A. Mark Richards (CVRI, Singapore) will supervise biomarker assay and is overall Lead PI for the Centre Grant.</p> <p>Team members: Dr Loke Weiqiang (Dentistry, NUHS, Singapore) will supervise the randomisation and MAD adjustment. A/Prof Khoo See-Meng (Respiratory Medicine, NUHS) and Dr Serene Wong (Respiratory Medicine, NUHS) will supervise the overnight polysomnography. Dr Chai Ping (NUHC, Singapore) and Dr Lynette Teo (Radiology, NUHS) will supervise the CMR.</p>		<p>Solving Cardiac Epigenetics, Remodelling and Repair (SCEPTRE)</p> <ul style="list-style-type: none"> - Theme 6: Mandibular Advancement Device for treatment of Obstructive Sleep Apnea and its Impact on Cardiac Remodeling (MOSAIC) - A Randomised, Double-blind, Placebo-controlled, Cross-over Trial 	NMRC – SCEPTRE Facility	\$S 590,000.00
NUS GRANT						
1	A/Prof Stephen Hsu	Prof Zhang Yong (BME) Dr Loke Weiqiang	A/Prof Joanne Yoong (SPH), Sheu Fwu-Shan (BioNano International Ltd)	Novel Living Water to Save Dental Implants	NUS Big Heart	\$S 200,000.00
FACULTY GRANT						
1	Dr Joao Ferreira	Prof Wang Chi-Hwa (Chemical and Biomolecular Engineering)		Development of Magnetic-sensitive Hydrogel-based Microspheres for Local Delivery of Cholinergic Drugs in Elderly Patients with Dry Mouth Syndrome	Cross Faculty Research Grant	\$S 25,000.00
2	Dr Fu Jia Hui	Dr Jacinta Lu	A/Prof Julie Yip (New York Uni), Ms Sim Yu Fan, Emeritus Prof Niklaus Lang (Uni of Bern)	Comparison of Barrel Shaped and Tapered Interdental Brushes in the Management of Peri-Implant Mucositis and Gingivitis in Health Individuals: A Randomized Controlled Single Blinded Study	Sunstar Donation	\$S 25,000.00
3	Dr Gopu Sriram	Dr Intekhab Islam	Dr Vinicius Rosa	Development and Validation of Xenofree Culture Conditions for Dental Stem Cells	ARF-FRC	\$S 49,800.00
4	Dr Jaya Seneviratne	A/Prof Wong Mun Loke, A/Prof He Hong-Gu (ALCNS, NUS), Prof Violeta Lopez (ALCNS, NUS), A/Prof Chong Yap Seng (O&G, NUHS)	NA	Oral Health, Oral Microbiome and Salivary Biomarkers in Women with Gestational Diabetes Mellitus: A Pilot Case Control Study	Sunstar Donation	\$S 25,000.00
5	Dr Toh Wei Seong	NA	Dr Raymond Wong, Dr Fu Jia Hui, A/Prof Lim Sai Kiang	Development of Bioactive Bone Grafts Incorporating Mesenchymal Stem Cell Extracellular Vesicles for Effective Bone Regeneration - A Proof-of-Concept Study in Rat Model	ARF-FRC	\$S 50,000.00
6	Dr Tong Huei Jinn	Prof Mandeep Singh Duggal (Monty), Dr Anand Bhijan (SOC, NUS), A/Prof Ooi Wei Tsang (SOC, NUS)	Ms Hepsi Priyadarsini (Paediatrics, CDU)	Development and Evaluation of a Mobile App to Improve the Oral Health and Dental Experience of Children with Autism Spectrum Disorder (ASD) - A Multi-dimensional Cooperative Approach	Sunstar Donation	\$S 25,000.00
START UP GRANT						
1	Dr Gopu Sriram	NA	NA	Microscale 'Vascularised Oral Mucosa-on-Chip' for Integrated Culture and Drug Permeation Studies	Start Up Grant	\$S 130,000.00
2	Prof Mandeep Singh Duggal	Dr Toh Wei Seong, Dr Tong Huei Jinn, Dr Vinicius Rosa	NA	Development of Novel Dental Pulp Matrix Hydrogel Scaffold for Dental Pulp Regeneration - Establishing a Path to Clinical Translation	Start Up Grant	\$S 250,000.00
					Internal Grant	\$S 779,800.00
					External Grant	\$S 590,000.00

LISTING OF PUBLICATIONS JULY 2017 TO JUNE 2018

S/N	AUTHORS	TITLE	JOURNAL
1	Hong CHL, Hu S , Haverman T, Stokman M, Napenas JJ, Bosden Braber J, Gerber E, Geuke M, Vardas E, Waltimo T, Jensen SB, Saunders DP	A Systematic Review of Dental Disease Management in Cancer Patients	Supportive Care in Cancer
2	Wong RCW, Loh JSP, Islam I	Alloplastic Reconstruction of the Mandible—Where are We Now?	IFMBE Proceedings
3	Tong HJ , Alzaharani FS, Sim YF , Tahmassebi JF, Duggal M	Anaesthetic Efficacy of Articaine versus Lidocaine in Children's Dentistry: A Systematic Review and Meta-analysis	International Journal of Paediatric Dentistry
4	Bhargav A, Sanjairaj V, Rosa V , Feng LW, Fuh JYH	Applications of Additive Manufacturing in Dentistry: A Review	Journal of Biomedical Materials Research Part B - Applied Biomaterials
5	Li J, Goh CE , Demmer RT, Whitcomb BW, Du P, Liu Z	Association Between Serum Folate and Insulin Resistance Among US Nondiabetic Adults	Scientific Reports
6	Kenji T, Lu WW	Bending the Archwire	Bending the Archwire
7	Seneviratne CJ , Li P, Jin LJ	Biofilm Persists: Formation, Molecular Mechanisms and Therapeutics	Microbial Biofilms: OMICS Biology, Antimicrobials and Clinical Implications
8	Reiner AT, Witwer KW, van Balkom BWM, de Beer J, Brodie C, Corteling RL, Gabrielsson S, Gimona M, Ibrahim AG, de Kleijn D, Lai CP, Lotvall J, del Portillo HA, Reischl IG, Riazifar M, Salomon C, Tahara H, Toh WS , Wauben MHM, Yang VK, Yang Y, Yeo RWY, Yin H, Giebel B, Rohde E, Lim SK	Concise Review: Developing Best-Practice Models for the Therapeutic Use of Extracellular Vesicles	Stem Cells Translational Medicine
9	Intekhab Islam, Gopu S, Cao T	Directed Differentiation of HESC to Endothelial Cells and Osteogenic Cells for Bone Tissue Engineering	Annual Scientific Meeting of the International Association for Dental Research
10	Zhu Q, Li M, Yan C, Lu Q, Wei S, Gao R, Yu M, Zou Y, Sriram G, Tong HJ , Hunziker W, Seneviratne CJ , Gong Z, Olsen BR, Cao T	Directed Differentiation of Human Embryonic Stem Cells to Neural Crest Stem Cells, Functional Peripheral Neurons, and Corneal Keratocytes	Biotechnology Journal

S/N	AUTHORS	TITLE	JOURNAL
11	Wen SC, Fu JH , Wang HL	Effect of Deproteinized Bovine Bone Mineral at Implant Dehiscence Defects Grafted by the Sandwich Bone Augmentation Technique	International Journal of Periodontics and Restorative Dentistry
12	Quek SHQ, Yap AUJ, Rosa V , Tan KBC , Teoh KH	Effect of Staining Beverages on Color and Translucency of CAD/CAM Composites	Journal of Esthetic and Restorative Dentistry
13	Kenji T	Effects of Premolar Extraction on Temporomandibular Joint Loads Simulated by Dynamic Human Jaw Model	Proc. 5th IEEE EMBS Asian-Pacific Conf Biomed. Engineer, IEEE Engineer. Med. Bio. Soc
14	Kenji T , Yashiro K	A Novel Optimization Framework for VMAT with Dynamic Gantry Couch Rotation	Physics in Medicine and Biology
15	Adine C, Ng KK, Rungarunlert S, Souza GR, Ferreira JN	Engineering Innervated Secretory Epithelial Organoids by Magnetic Three-dimensional Bioprinting for Stimulating Epithelial Growth in Salivary Glands	Biomaterials
16	Lim SH, Sun Y, Thiruvallur TM, Rosa V , Kang L	Enhanced Skin Permeation of Anti-wrinkle Peptides via Molecular Modification	Scientific Reports
17	Tsakos G, Guarnizo-Herreno CC, O'Connor R, Wildman J, Steele JG, Allen PF	Explaining Time Changes in Oral Health-related Quality of Life in England: A Decomposition Analysis	Journal of Epidemiology and Community Health
18	Toh PPC, Bigliardi-Qi M, Yap AMY, Sriram G , Stelmashenko O, Bigliardi P	Expression of Peropsin in Human Skin is Related to Phototransduction of Violet Light in Keratinocytes (vol 25, pg 1002, 2016)	Experimental Dermatology
19	Loke W , Coomes AM, Eskow A, Vierra M, Mealey BL, Huynh-Ba G	Formulating a Global Prognosis and Treatment Plan for the Periodontally Compromised Patient: A Reconstructive vs. An Adaptive Approach	Compendium of continuing education in dentistry (Jamesburg, N.J. : 1995)
20	Ito K, Sao H, Nagamatsu T, Nagata J, Takada K	Formulation of Diagnostic Expertise in Oral Health Care and its Application to Clinical Education	Communications in Computer and Information Science
21	O'Connor D, Yu VY , Nguyen D, Ruan D, Sheng K	Fraction-variant Beam Orientation Optimization for Non-coplanar IMRT	Physics in Medicine and Biology
22	Mittal R	Frail Elderly, Inconspicuous Finance System, Complex Healthcare: Are We Realists or Optimists?	Journal of the American Medical Directors Association
23	Sriram G , Bigliardi PL, Bigliardi-Qi M	Full-Thickness Human Skin Equivalent Models of Atopic Dermatitis.	Methods Mol Biol
24	Sriram G , Alberti M, Dancik Y, Wu B, Wu R, Feng Z, Ramasamy S, Bigliardi PL, Bigliardi-Qi M, Wang Z	Full-thickness Human Skin-on-chip with Enhanced Epidermal Morphogenesis and Barrier Function	Materials Today

NO.	AUTHORS	TITLE	SOURCE TITLE
25	Xie H, Dubey N, Shim W, Ramachandra CJA, Min KS, Cao T, Rosa V	Functional Odontoblastic-Like Cells Derived from Human iPSCs	Journal of Dental Research
26	Chakritbudsabong W, Sariya L, Pamonpornvichit S, Pronarkngver R, Chaiwattananarungruengpaisan S, Ferreira JN , Setthawong P, Phakdeedindan P, Techakumphu M, Tharasanit T, Rungarunlert S	Generation of a Pig Induced Pluripotent Stem Cell (piPSC) Line from Embryonic Fibroblasts by Incorporating LIN28 to the Four Transcriptional Factor-mediated Reprogramming: VSMUi001-D	Stem Cell Research
27	Dubey N, Ellepola K, Decroix FED, Morin JLP, Neto AC, Seneviratne CJ, Rosa V	Graphene onto Medical Grade Titanium: An Atom-thick Multimodal Coating that Promotes Osteoblast Maturation and Inhibits Biofilm Formation from Distinct Species	Nanotoxicology
28	Intekhab I, Rosa V, Wong RCW	HESC to iPSC: Prohibition to Controlled Permissiveness to Ethical Panacea	Eubios Journal of Asian and International Bioethics
29	Ding Q, Tan KS	Himar1 Transposon for Efficient Random Mutagenesis in Aggregatibacter Actinomycetemcomitans	Frontiers in Microbiology
30	Seneviratne CJ , Venkiteswaran N, Ellepola K, Lee YK, Puan KJ, Wong SC	Host-biofilm Interactions at Mucosal Surfaces and Implications in Human Health	Microbial Biofilms: OMICS Biology, Antimicrobials and Clinical Implications
31	Robinson AN , Tambyah PA	Infective Endocarditis - An Update for Dental Surgeons	Singapore Dent J
32	Loh J, Islam I , Wong R	Microvascular Free Flaps in Mandibular Reconstruction - The Role of Computational Fluid Dynamics Modelling	IFMBE Proceedings
33	Zhang S, Chuah SJ, Lai RC, Hui JHP, Lim SK, Toh WS	MSC Exosomes Mediate Cartilage Repair by Enhancing Proliferation, Attenuating Apoptosis and Modulating Immune Reactivity	Biomaterials
34	Ferreira JNA , Zheng C, Lombaert IMA, Goldsmith CM, Cotrim AP, Symonds JM, Patel VN, Hoffman MP	Neurturin Gene Therapy Protects Parasympathetic Function to Prevent Irradiation-Induced Murine Salivary Gland Hypofunction	Molecular Therapy-Methods & Clinical Development
35	Yang Y, Hu Y, Gao X, Yang K, Foong KWC, Takada K	Non-rigid Point Set Registration Based Masticatory Muscle Deformation Measurement	Journal of Medical Imaging and Health Informatics
36	Bhargav A, Rosa V , Feng LW, Fuh JYH	Optimization of Surface Scaffold Morphology and Structure Using Taguchi's Design of Experiments	Frontiers in Biomedical Devices, BIOMED - 2018 Design of Medical Devices Conference, DMD 2018
37	Dancik Y, Sriram G , Rout B, Zou Y, Bigliardi-Qi M, Bigliardi PL	Physical and Compositional Analysis of Differently Cultured 3D Human Skin Equivalents by Confocal Raman Spectroscopy	Analyst

S/N	AUTHORS	TITLE	JOURNAL
38	Leong C, Bigliardi PL, Sriram G , Au VB, Connolly J, Bigliardi-Qi M	Physiological Doses of Red Light Induce IL-4 Release in Cocultures between Human Keratinocytes and Immune Cells	Photochemistry and Photobiology
39	Suriyanarayanan T, Lin Q, Kwang LT, Mun LY, Seneviratne CJ	Quantitative Proteomics of Strong and Weak Biofilm Formers of Enterococcus Faecalis Reveals Novel Regulators of Biofilm Formation	Molecular & Cellular Proteomics
40	Nazzal H, Tong HJ , Nixon P, Duggal M	Regenerative Endodontic Therapy for Managing Immature Non-vital Teeth: A National Survey of UK Paediatric Dental Specialists and Trainees	British Dental Journal
41	Tong HJ , Rajan S, Bhujel N, Kang J, Duggal M , Nazzal H	Regenerative Endodontic Therapy in the Management of Nonvital Immature Permanent Teeth: A Systematic Review—Outcome Evaluation and Meta-analysis	Journal of Endodontics
42	Tanikawa C, Kenji T	Reproducibility of the Changes in Facial Topography Associated with Smiling and Viscoelasticity of the Face	Proc 2016 IADR/APR General Session & Exhibition
43	Lin YT, Kalhan AC, Lin Y TJ, Kalhan TA, Chou CC, Gao XL, Hsu CYS	Risk Assessment Models to Predict Caries Recurrence after Oral Rehabilitation under General Anaesthesia: A Pilot Study	International Dental Journal
44	Kim J-A, Hwang Y-C, Rosa V , Yu M-K, Lee K-W, Min K-S	Root Canal Filling Quality of a Premixed Calcium Silicate Endodontic Sealer Applied Using Gutta-percha Cone-mediated Ultrasonic Activation	Journal of Endodontics
45	Intekhab Islam, Wong RCW , Siau C, Tong HJ, Loh J, Lim A	Simulation Training for Medical Emergencies in Dentistry	Asia Pacific Medical Education Conference
46	Intekhab Islam, Wong RCW , Chiang S, Loh J, Tong HJ, Lim A	Simulation Training in Dentistry	28th SEAAD Annual Scientific Meeting,
47	Srinivasan A, Chang S-Y, Zhang S, Toh WS , Toh Y-C	Substrate Stiffness Modulates the Multipotency of Human Neural Crest Derived Ectomesenchymal Stem Cells via CD44 Mediated PDGFR Signaling	Biomaterials
48	Islam I, Loh JSP, Wong RCW	Temporomandibular Joint Replacement — Past, Present and Future: A Bioengineering Perspective	IFMBE Proceedings
49	Tanikawa C, Takada K	Test-retest Reliability of Smile Tasks Using Three-dimensional Facial Topography	Angle Orthodontist
50	Hong CHL , Aung MM, Kanagasabai K, Lim CA, Liang S, Tan KS	The Association Between Oral Health Status and Respiratory Pathogen Colonization with Pneumonia Risk in Institutionalized Adults	International Journal of Dental Hygiene
51	Wong RCW, Loh JSP, Intekhab I	The Role of Finite Element Analysis in Studying Potential Failure of Mandibular Reconstruction Methods	Perusal of the Finite Element Method
52	Sun Y, Wang TL, Toh WS , Pei M	The Role of Laminins in Cartilaginous Tissues: From Development to Regeneration	European Cells & Materials

S/N	AUTHORS	TITLE	JOURNAL
53	Collado-Gonzalez M, Pecci-Lloret MR, Tomas-Catala CJ, Garcia-Bernal D, Onate-Sanchez RE, Llena C, Forner L, Rosa V , Rodriguez-Lozano FJ	Thermo-setting Glass Ionomer Cements Promote Variable Biological Responses of Human Dental Pulp Stem Cells	Dental Materials
54	Wong KY, Esguerra RJ, Chia VAP, Tan YH, Tan KBC	Three-Dimensional Accuracy of Digital Static Interocclusal Registration by Three Intraoral Scanner Systems	Journal of Prosthodontics-Implant Esthetic and Reconstructive Dentistry
55	Yee SHX, Esguerra RJ, Chew AAQ, Wong KM, Tan KBC	Three-Dimensional Static Articulation Accuracy of Virtual Models - Part I: System Trueness and Precision	Journal of Prosthodontics-Implant Esthetic and Reconstructive Dentistry
56	Yee SHX, Esguerra RJ, Chew AAQ, Wong KM, Tan KBC	Three-Dimensional Static Articulation Accuracy of Virtual ModelsPart II: Effect of Model Scanner-CAD Systems and Articulation Method	Journal of Prosthodontics-Implant Esthetic and Reconstructive Dentistry
57	Mittal R , Tan CS, Tham WY, Seong LPS, Tan TL, Koh GCH	Trend and Predictors of Unplanned Hospitalization of Older Patients During the First Year after Admission into a Home Medical Service	Home Health Care Services Quarterly
58	Ode W , Lopez V, Wong ML, Schou L, Yu VSH	Understanding Patients' and Dentists' Perspectives in Dental Trauma Management: A Mixed-methods Study	Dental Traumatology
59	Thuyen T, Suriyanarayanan T, Zeng G, Le TD, Liu L, Li J, Tong C , Wang Y, Seneviratne CJ	Use of Haploid Model of Candida Albicans to Uncover Mechanism of Action of a Novel Antifungal Agent	Frontiers in Cellular and Infection Microbiology
60	Lee DH, Tanikawa C, Kogo M, Kenji T , Yamashiro T	Viscoelasticity of the Face in Adult Patients with a Repaired Unilateral Cleft Lip / Palate	Proc 2016 IADR/APR General Session & Exhibition
61	PF Allen , S Lee, P Brady	Clinical outcomes of implant retained crowns in patients with hypodontia: a 24 month observation study.	Clinical Oral Implants Research
62	M Hayes, C DA Mata, G McKenna, FM Burke, PF Allen	Evaluation of the Cariogram for root caries prediction.	Journal of Dentistry



PATIENT ATTENDANCE

TOTAL PATIENT ATTENDANCE

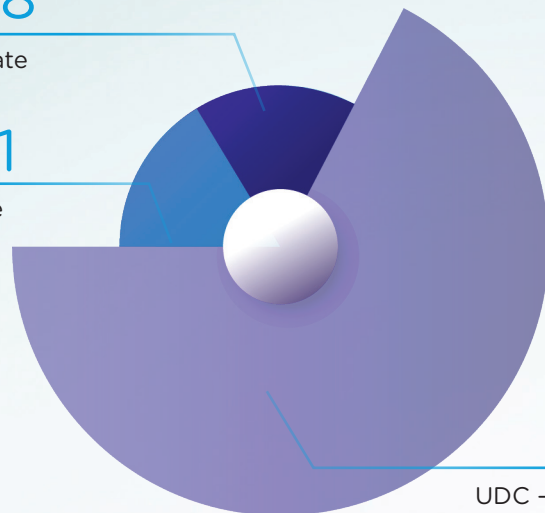
July 2017 to June 2018

16,088

Undergraduate

16,041

Postgraduate



68,293

UDC - NUH Dental Centre

UDC - NUH Dental Centre	68,293
Undergraduate	16,088
Postgraduate	16,041
TOTAL	100,422

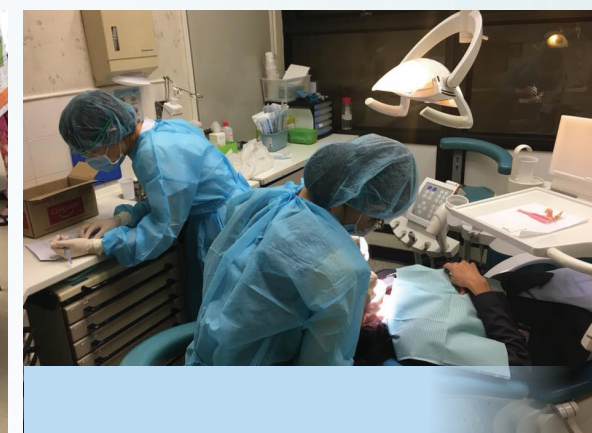
ORAL HEALTH AWARENESS ROADSHOW

The NUS Faculty of Dentistry and the NUH University Dental Cluster jointly organised the Oral Health Awareness Roadshow at Lobby B of NUH Main Building on 9 Mar 2018. The event included educational games, engagement talks as well as dental screenings held at Dental Centre 1.

An engaging event emcee and contemporary music provided a lively backdrop to the bustling activities at this roadshow. The educational booths manned by Year 1 dental students tested the participants' dexterity while enhancing their awareness on how to better maintain their oral health.

Complementing these booths were presentations by Dr Tay Chong Meng and Dr John Loh on the practical aspects of keeping their teeth and gums healthy.

Also at the Roadshow was information on the upcoming opening of the National University Centre for Oral Health, Singapore (NUCOHS). NUCOHS is slated to open in the first half of 2019 and will bring together dental education, research and clinical services under one roof.



DONATIONS RECEIVED

The Faculty wishes to extend our heartfelt appreciation to our generous donors who had made gifts totalling \$327,046 to the Faculty between July 2017 and June 2018.

\$100,000 - \$249,999

Lim Kheng Ann

\$50,000 - \$99,999

Midland Metals Overseas Pte Ltd

\$10,000 - \$49,999

Anonymous

Ace Star Dental Services Pte Ltd

Kaan Sheung Kin

Kain Orthodontics Pte Ltd

Mohamed Azharashid Bin Mohamed Tahir

Neo Tee Khin

\$1,000 - \$9,999

Chiew Yim Tho

Chong Yea Hwe

Eu Oy Chu

Go Wee Ser

Goh Giang Beng

Hu Shijia

Kaung Myat Win

Lee Kwee Jin

Mok Yuen Pun, Clara

Mok Yuen Yue, Betty

Soh Yi-Wei, George

Tay Seng Kong, Louis

Tong Huei Jinn

Yap Kin Wai

Under \$1,000

Allen Patrick Finbarr

Anonymous

Basanti Sankaran

Boh Siew Thang

Chee Sang Dental Supply Pte Ltd

Cheng Chuo Fei, Alfred

Chua Sheng Da, Jason

Ho Chee Wai, Henry

Ho Cher Kee, Andy

Hong Hsu Ling, Catherine

Koh Wei Ching, Robyn

Lam Yew Seng, Andre

Lim Li Zhen

Lim Mian Jun

Neha Srivastava

Ng Bee Lang

Ng Wee Hsuan

Ode Wataru

Ong Shi Jie

Quek San Oon, Shaun

Tan Chee Weei

Tan Ming Yi

Tan Tzee Jen

Tan Wee Hsin, Vincent

Tay Suan Ping

Thong Tony

Toh Shi Yun

Wee Chwee Lin, Fay

Woo Sing Yi, Joanne

Yeo Jin Fei

Yeo Yong Yan

ENGAGING
OUR
ALUMNI

ALUMNI DINNER 2017

The Faculty of Dentistry successfully held another Alumni Reunion Dinner on 29 September 2017 - during which the BDS class of 1982 celebrated its 35th anniversary. With more than 70 alumni members in attendance, part of the group was taken on a guided tour at the future home of the Faculty - the newly constructed National University Centre for Oral Health, Singapore (NUCOHS) - before everyone congregated for a talk by Prof Finbarr Allen, Dean of FOD, which was followed by dinner.



Visiting Alumni all geared up for the site tour of NUCOHS.



Part of the BDS class of 1982 marking their 35th anniversary with a cake at the Alumni Dinner.

ALUMNI DINNER 2017



Alumni and faculty enjoying the good food and great company at the dinner.



Dean of FOD addressing the group with an introduction of the upcoming NUCOHS.

ULTRA-MOLAR-THON 2018

Dr John Loh, together with the Faculty, challenged the students, staff and Alumni to a fund-raising event, called the Ultra-Molar-thon. This event took place on 2nd February this year and participants challenged themselves to a jog from the faculty to West Coast Park and back.

Dr Wendy Wang, who had recently returned from her further training in New York, conducted a yoga session in between the jog at West Coast Park.

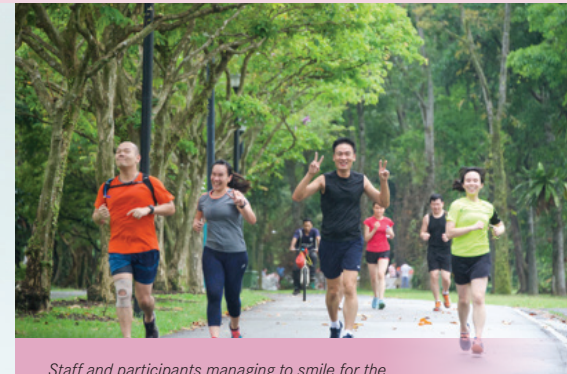


Participating staff and alumni gathering for a group shot before the run.



Prof Patrick Allen, Dean of FOD, flagging off the run.

ULTRA-MOLAR-THON 2018



Staff and participants managing to smile for the camera en route to the pit-stop.



Group photo during a pit-stop break at West Coast Park.



Dr Wendy Wang leading the yoga session at West Coast Park.

BDS CLASS OF 2008: 10-YEAR REUNION


What is better than a 10-year class reunion? Having two 10-year class reunions of course! The class of 2008 has always done things our way. When we realised that finding a date for everyone was going to be difficult, we just decided to have 2 reunions instead! The first reunion was held in the heart of town at Hans im Glück German Burger Bar, catching up over burgers and fries.

The second reunion was a family affair held at Quentin's for delicious Eurasian food. While the adults caught up, the children had a great time at the restaurant playground.










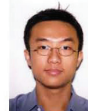
























The dental school experience was such a tough one, and it was only with the help of our classmates that we were able to survive and thrive. These classmates have become good friends and people we can count on today. We would like to give a special shout out to the event organiser, William - for only he could have pulled off this feat of gathering extremely busy people together for a meal and good time. In fact he has done so well that perhaps he can consider organising the 15-year reunion as well!



BDS CLASS OF 2008: 10-YEAR REUNION



FACULTY OF DENTISTRY
NATIONAL UNIVERSITY OF SINGAPORE
2004 / 2005

 Boey Qing Xia Jasmine	 Cheng Jean-Lynn	 Chia Ai Ping Vanessa	 Chin Hui Fen Sharon	 Chin-Ching Daniel Chan	 Foo Kee Yin Jonathan
 Goh Siew Hor	 Hong Kang Lun	 Hu Shijia	 Ivan Prabowo Budiharto	 Jaymithira s/o Vadivelu Alexander	 Lee Wen Zhen
 Leng Shu Jun	 Leo June Joo	 Leong Jack Xin Dephne	 Lim Tian Wei William	 Lim Zixiang	 Low Li-Zhuang Tammy
 Lu Xiaotong Jacinta	 Muhammad Amin Bin Ahmad	 Myat Mon Thinn	 Ngo Di Ying Joanna	 Pang Biao Zhi Randy	 Peh Yew Jia
 Shen Shen	 Sim Chien Joo	 Su Jianxiang Jason	 Sun Jin Louisa	 Tan Mei Na	 Teo Eu Gene
 Teo Hee Hwa Daniel	 Wong Elaine	 Wong Jian Zhang	 Zhao Long		

Produced by Dentistry ITU

NEW FACULTY MEMBER HIGHLIGHT

DR SAYAKA TADA

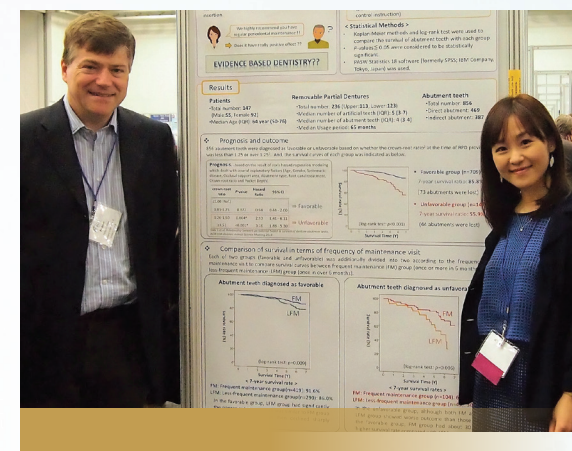
Assistant Professor (Discipline of Endodontics, Operative Dentistry and Prosthodontics)

Since my move to Singapore from my home country, Japan, four months have already flown by. I am absolutely charmed by life in Singapore, which offers a beautifully intriguing blend of Asian tradition and modernity. I am especially fascinated by the cheerful, passionate and respectful disposition of Singaporeans, and I feel deeply grateful for this chance to be here as a part of the Faculty.

I am now appointed as a Faculty Member in the Discipline of Prosthodontics on a clinician-researcher track. My major clinical and research interests are partially dentate adults, prosthodontics and public health. My vision is to develop a prognostic tool for partially dentate patients which predicts the risk of impaired dentition and to explore a healthcare system which can more effectively enhance the well-being of older people. I look forward to sharing ideas and experiences with the FOD team (including students) to develop a future together.



STAFF DEVELOPMENT



HONOURING OUR TEACHERS

The 19th Faculty of Dentistry Awards Day was held on 10 October 2017 at the Peter & Mary Fu Lecture Theatre located within NUS. On this day, the Faculty puts on record its recognition of the outstanding contributions and achievements of its staff and students. The Faculty Teaching Excellence Award is presented annually to a select few faculty members who have shown a high level of commitment to their teaching. Recipients of the Faculty Excellence Teaching Awards were:

- Prof Rajendran Kanagasuntheram, Department of Anatomy
 - A/Prof Tan Chay Hoon, Department of Pharmacology
 - Dr Long Yun Chau, Department of Biochemistry
- Faculty of Dentistry:
- A/Prof Kelvin Foong
 - Dr Intekhab Islam
 - Dr Clara Mok
 - Dr Fu Jia Hui
 - Dr Lui Jeen Nee
 - Dr Andrew Robinson



(Left to right:) Dr Andrew Robinson, A/Prof Kelvin Foong, Dr Intekhab Islam, Dr Lui Jeen Nee and Dr Clara Mok.

HONOURING OUR TEACHERS

The NUS University Awards ceremony was held on 14 May 2018. This year, A/Prof Kelvin Foong was one of seven individuals honoured at this prestigious event. He was one of the two recipients of the NUS Outstanding Educator Awards, which are awarded annually to individuals who have displayed excellence in teaching. Award winners receive a cash award and a teaching grant, allowing further engagement in activities that contribute to the enhancement of teaching and learning at NUS.



A/Prof Foong receiving the award from Prof Tan Eng Chye, Provost, NUS.

HONOURING OUR TEACHERS

NUS LONG SERVICE AWARDS

Currently Programme Director for Master of Dental Surgery Postgraduate Coursework in Orthodontics and Module coordinator for Undergraduate Orthodontics, A/Prof Foong also teaches Research Process & Design and Scientific Writing for postgraduate dental students.

More” to underpin the undergraduate dentistry curriculum review which led to the removal of subject matter repetitions, alignment of similar subjects for an improved synchronisation of teaching, and better focus and learning for students

His teaching achievements include:

- Implemented a new teaching pedagogy in the MDS Orthodontics programme which fosters collaborative learning among the students through the use of a “ground-up” approach
- Transformed a treatment-focused approach at the undergraduate programme level in orthodontics to a diagnostic-focused approach which is aligned with the teaching in the United Kingdom and Australian dental schools
- Developed a Technology-Enhanced Learning framework that guides the development, use, and evaluation of technology tools for dental education
- Instituted the principle of “Teach Less, Learn

To date, A/Prof Foong has published extensively, with at least 50 publications in internationally-referred journals and 100 joint conference papers.

A/Prof Foong has long been recognised for his teaching. He won the NUS Annual Teaching Excellence Award thrice (2004/05, 2003/04, 1996/97), and won the Faculty Teaching Excellence Award four times (2016/17, 2004/05, 2003/04, 2001/02). Additionally, he was a recipient of the 2013 Academic Medicine Development Award, a professional development initiative that provides platforms for NUS Medicine staff to enhance their competencies in clinical care, research and education.

Congratulations A/Prof Foong on another well-deserved award!

S/N	NAME	JOB POSITION	YEARS OF SERVICE
1	Mdm Valliamah d/o K Thangavelu	Operations Associate	35
2	Mr Ang Biang Soon	Laboratory Technologist	35
3	Mr Lim Eng Chuan	Laboratory Technologist	35
4	Mrs Ng-Tan Sok Lan	Laboratory Technologist	35
5	Dr Mok Yuen Yue, Betty	Senior Lecturer	25
6	A/Prof Hsu Chin-Ying, Stephen	Associate Professor	20
7	Dr Fu Jia Hui	Associate Professor	10
8	Dr Tong Huei Jinn	Associate Professor	10
9	Miss Sharon Lee	Senior Manager	10
10	Miss Lim Tzer Ai Sharon	Senior Manager	10
11	Mdm Tan Tze Hwee	Senior Executive	10
12	Mdm Yuan Chunxia	Laboratory Technologist	10
13	Prof Takada Kenji	Professor	5
14	Dr Vinicius Rosa	Associate Professor	5
15	Mr Mohammad Faried Bin Hassan	Specialist Associate	5



NATIONAL DAY AWARDS 2017

S/N	NAME	AWARD
1	A/Prof Grace Ong	Public Administration Medal (Silver)

PROMOTIONS

S/N	NAME	NEW JOB TITLE	WITH EFFECT FROM
1	Dr Ken Tan	Clinical Associate Professor	1 July 2017
2	Dr Joanne Uy	Senior Consultant	1 July 2017
3	A/Prof Tan Kai Soo	Associate Professor	1 July 2017
4	Dr Fu Jia Hui	Associate Consultant	1 July 2017
5	Dr Chng Chai Kiat	Clinical Senior Lecturer	1 July 2017
6	Dr Lai Juen Bin	Clinical Senior Lecturer	1 July 2017
7	Dr See Toh Yoong Liang	Clinical Senior Lecturer	1 July 2017
8	Dr Soh Shean Han	Registrar	1 July 2017
9	Dr Tan Ming Yi	Registrar	1 July 2017
10	Dr Lim Li Zhen	Registrar	14 August 2017
11	Dr Tang Kok Siew	Consultant	1 January 2018
12	Dr Hu Shijia	Associate Consultant	1 January 2018
13	Ms Linda Lee	Management Assistant Officer	1 January 2018

LISTING OF PART-TIME FACULTY

ADJUNCT STAFF

S/N	DISCIPLINE	NAME	ADJUNCT POSITION
1	Dean's Office	Dr Ho Koon Chyn, Florence	Adjunct Senior Lecturer
2		A/Prof Ansgar Cheng Chi-Chung	Adjunct Associate Professor
3		A/Prof Lim Kian Chong, Gerald	Adjunct Associate Professor
4		A/Prof Loh Poey Ling	Adjunct Associate Professor
5		Dr Cheong Kim Yan	Adjunct Senior Lecturer
6		Dr Goh Kwee Chien, Benny	Adjunct Senior Lecturer
7		Dr Lee Chee Wee	Adjunct Senior Lecturer
8		Dr Lee Hoon Hwee	Adjunct Senior Lecturer
9		Dr Lee Siew King	Adjunct Senior Lecturer
10		Dr Leung Wing Hung Dominic	Adjunct Senior Lecturer
11		Dr Lim Ching Chiat	Adjunct Senior Lecturer
12		Dr Lim Gim Teck	Adjunct Senior Lecturer
13		Dr Lim, Michael	Adjunct Senior Lecturer
14		Dr Liu Hao Hsing	Adjunct Senior Lecturer
15		Dr Loganathan Vijayan	Adjunct Senior Lecturer
16		Dr Neo Tee Khin	Adjunct Senior Lecturer
17	Endodontics, Operative Dentistry & Prosthodontics	Dr Ong Eng Yau, Timothy	Adjunct Senior Lecturer
18		Dr Pang Soon Eng	Adjunct Senior Lecturer
19		Dr Phay Yew Ming	Adjunct Senior Lecturer
20		Dr Shahul Hameed	Adjunct Senior Lecturer
21		Dr Teh Kiat Seong	Adjunct Senior Lecturer
22		Dr Wong Keng Mun	Adjunct Senior Lecturer
23		Dr Wong Soon May Adeline	Adjunct Senior Lecturer
24		Dr Yap Yi-Roon, Ronnie	Adjunct Senior Lecturer
25		Dr Chin Yee Fatt	Adjunct Lecturer
26		Dr Chng Huey Shin	Adjunct Lecturer
27		Dr Leong Woei Jian, Elvin	Adjunct Lecturer
28		Dr Lim Eng Yong, Jerry	Adjunct Lecturer
29		Dr Lim Sze Kheng	Adjunct Lecturer
30		Dr Lim Toh Seong, Andy	Adjunct Lecturer
31		Dr Ong Kheng Kok	Adjunct Lecturer
32		Dr Ong Teng Sin	Adjunct Lecturer
33		Dr Tan Ying Han	Adjunct Lecturer
34		Dr Thean Tsin Piao	Adjunct Lecturer

LISTING OF PART-TIME FACULTY

CLINICAL FACULTY SCHEME STAFF

ADJUNCT STAFF

S/N	DISCIPLINE	NAME	ADJUNCT POSITION
35	Oral Sciences	A/Prof Lee Woon Oi, Teresa	Adjunct Associate Professor
36		A/Prof Elliott, Myra nee Lin Wen Jui	Adjunct Associate Professor
37		A/Prof Go Wee Ser	Adjunct Associate Professor
38	Oral & Maxillofacial Surgery	A/Prof Loh Fun Chee	Adjunct Associate Professor
39		Dr Chan Siew Luen	Adjunct Senior Lecturer
40		Dr Lee Kim Chuan, Lewis	Adjunct Senior Lecturer
41		Dr Robinson, Narendran Andrew	Adjunct Senior Lecturer
42		A/Prof Mohammed Azharashid Bin Mohamed Tahir	Adjunct Associate Professor
43		Dr Hwang Yee Cheau	Adjunct Senior Lecturer
44		Dr Kaan Sheung Kin	Adjunct Senior Lecturer
45	Orthodontics & Paediatric Dentistry	Dr Koh Chay Hui	Adjunct Senior Lecturer
46		Dr Lim Chong Yang, Arthur	Adjunct Senior Lecturer
47		Dr Ong Hoe Boon	Adjunct Senior Lecturer
48		Dr Tan Hwee Hiang	Adjunct Senior Lecturer
49		Dr Tan Tzee Jen	Adjunct Senior Lecturer
50		Dr Ng Jing Jing	Adjunct Senior Lecturer
51	Periodontics	A/Prof Chung Kong Mun	Adjunct Associate Professor
52		Dr Ang Chee Wan	Adjunct Senior Lecturer
53		Dr Henry Kwek Swee Nguang	Adjunct Senior Lecturer
54		Dr Lee Kwee Jin	Adjunct Senior Lecturer
55		Dr Madeliene Rathi Gunaratnam	Adjunct Senior Lecturer
56		Dr Marlene Teo	Adjunct Senior Lecturer
57		Dr Tan Thong Kwan, Benjamin	Adjunct Senior Lecturer
58		Dr Tay Lai Hock Alphonsus	Adjunct Senior Lecturer

S/N	COMPANY	DISCIPLINE	NAME	APPOINTMENT
1	Health Promotion Board	Orthodontics & Paediatric Dentistry	Dr Lim Wanyi	Clinical Teacher
2	Jurong Health Services	Endodontics, Operative Dentistry & Prosthodontics	Cl. A/Prof Adrian Yap U-Jin	Clinical Associate Professor
3			Dr Clarisse Ng	Clinical Lecturer
4		Oral & Maxillofacial Surgery	Dr Bertrand Chew Shen Hui	Clinical Lecturer
5		Periodontics	Dr Wong Li Beng	Clinical Lecturer
6		Khoo Teck Puat Hospital	Endodontics, Operative Dentistry & Prosthodontics	Dr Tan Kian Meng
7	Dr Wong Kuan Yee			Clinical Teacher
8	KK Women's & Children's Hospital	Orthodontics & Paediatric Dentistry	Dr Chng Chai Kiat	Clinical Senior Lecturer
9			Dr Chay Pui Ling	Clinical Lecturer
10	National Dental Centre Singapore	Endodontics, Operative Dentistry & Prosthodontics	Cl. A/Prof Chen Nah Nah	Clinical Associate Professor
11			Cl. A/Prof Christina Sim Poh Choo	Clinical Associate Professor
12			Cl. A/Prof Chua Ee Kiam	Clinical Associate Professor
13			Dr Ken Tan	Clinical Associate Professor
14			Cl. A/Prof Teoh Khim Hean	Clinical Associate Professor
15			Dr Chee Hoe Kit	Clinical Senior Lecturer
16			Dr Lim Sor Kheng	Clinical Senior Lecturer
17			Dr Lui Jeen Nee	Clinical Senior Lecturer
18			Dr Quek Heng Chuan	Clinical Senior Lecturer
19			Dr See Toh Yoong Liang	Clinical Senior Lecturer
20		Oral & Maxillofacial Surgery	Cl. A/Prof Goh Bee Tin	Clinical Associate Professor
21			Cl. A/Prof Kwa Chong Teck	Clinical Associate Professor
22			Cl. A/Prof Poon Choy Yoke	Clinical Associate Professor
23			Cl. A/Prof Raymond Peck Hong Lian	Clinical Associate Professor
24			Cl. A/Prof Tay Ban Guan , Andrew	Clinical Associate Professor
25			Cl. A/Prof Teh Luan Yook	Clinical Associate Professor
26			Dr Lai Juen Bin	Clinical Senior Lecturer
27			Dr Tan Ben Poon, Danny	Clinical Senior Lecturer
28			Dr Chelsia Sim Qiuxia	Clinical Lecturer
29			Dr Leonardo Saigo	Clinical Lecturer
30			Dr Lim Tian Wei	Clinical Lecturer
31			Dr Natthareen Chanchareonsook	Clinical Lecturer
32			Dr Rahul Harshad Nagadia	Clinical Lecturer
33	Dr Soong Poh Luon	Clinical Lecturer		

CLINICAL FACULTY SCHEME STAFF

PART-TIME TEACHING STAFF

S/N	COMPANY	DISCIPLINE	NAME	APPOINTMENT
34	National Dental Centre Singapore	Orthodontics & Paediatric Dentistry	Cl. A/Prof Chew Ming Tak	Clinical Associate Professor
35			Cl. A/Prof Mimi Yow	Clinical Associate Professor
36			Dr Choo Johanna	Clinical Senior Lecturer
37			Dr Lim Kuen Fui, Ivan	Clinical Senior Lecturer
38			Dr Rosalind Wong Yoke Cheng	Clinical Senior Lecturer
39			Dr Lai Wen Pui Bien	Clinical Lecturer
40			Dr Tan Li Yen Elaine	Clinical Lecturer
41			Dr Lu Si Ai Priscilla	Clinical Teacher
42			Dr Ng Jing Hao	Clinical Teacher
43			Dr Peh Yew Jia	Clinical Teacher
44		Dr Song Yi Lin	Clinical Teacher	
45		Dr Wong Elaine	Clinical Teacher	
46		Periodontics	Cl. A/Prof Marianne Ong Meng Ann	Clinical Associate Professor
47			Dr Koh Chu Guan	Clinical Senior Lecturer
48			Dr Tan Ching Ching	Clinical Senior Lecturer
49		Dr Lee Wan Zhen	Clinical Teacher	
50	National Healthcare Group Polyclinics	Endodontics, Operative Dentistry & Prosthodontics	Dr Low Meng Tze Kenneth	Clinical Senior Lecturer
51	Tan Tock Seng Hospital	Orthodontics & Paediatric Dentistry	Dr Tan Hui Ling, Vivien	Clinical Senior Lecturer
52		Endodontics, Operative Dentistry & Prosthodontics	Dr Lin Dan	Clinical Teacher

S/N	DISCIPLINE	NAME	
1	Endodontics, Operative Dentistry & Prosthodontics	Dr Ang Ee Choon Richard	
2		Dr Basanti Sankaran	
3		Dr Bruce Lee Chi Hong	
4		Dr Choo Keang Hai	
5		Dr Goh Tarn Peng	
6		Dr Juliana Tereza Colpani	
7		Dr Justina Ung	
8		Dr Khng Kwang Yong Kelvin	
9		Dr Li Shan Shan Angela	
10		Dr Long Benjamnin Charles	
11		Dr Marrwa Ibrahim Abdelhamed Ibrahim	
12		Dr Mccully Leroy Edgar	
13		Dr Richard Ow Kok Keng	
14		Dr Sherine Yang Shi Lin	
15		Dr Sim Peng Chuan, Timothy	
16		Dr Simon Ng Dih Hann	
17		Dr Sng Hong Cheong, Jeffrey	
18		Dr Steven Soo	
19		Dr Tan Lisa	
20		Dr Tan Tiat Heng, Edwin	
21		Dr Tay Li Chye	
22		Dr Teo Juin Wei	
23		Dr Willy Chang Shian Wei	
24		Oral & Maxillofacial Surgery	Dr Aidan Yeo Choon Poh
25			Dr Henry KL Ho
26			Dr Ho Kok Sen
27			Dr Lye Kok Weng
28			Dr Sng Kong Chee
29			Dr Tan Min Seet
30			Dr Vijaya Kumar A/L Ramulu
31			Dr Wee Tze Haur

STAFF DEVELOPMENT

PART-TIME TEACHING STAFF

S/N	DISCIPLINE	NAME
32	Oral Sciences	Dr Chong Tse Feng Gabriel
33		Dr Kuah Boon Theng
34		Dr Loh Kai Woh, Ronald
35		Dr Tan Peng Hui
36		Dr Tay Khoon Mei
37	Orthodontics & Paediatric Dentistry	Dr Bryce Lee Pheng Hean
38		Dr Eugene Wee Chun Kheng
39		Dr Geraldine Oh Sin Yin
40		Dr Lee Pheng Hean Bryce
41		Dr Lee Ping Geraldine
42		Dr Loh Eu-Min Eugene Lester
43		Dr Natalia Yip Pei Wen
44		Dr Poon Kah Chai
45		Dr Sham Pui Yin Enrica
46		Dr Sylvia Tan
47		Dr Teh Yi Mui , Marina
48		Dr Terry Teo Kuo-Yih
49		Dr Woo Mei Yee
50	Periodontics	Dr Bai Shuren Adrian
51		Dr Hoang Tram Ngoc
52		Dr Leong Jack Min Daylene
53		Dr Ng Cher Hui Mervyn
54		Dr Tan Wah Ching
55		Dr Terence Jee Shizhuan
56		Dr Yap Kin Wai
57	Dr Yeo Boon Keng Alvin	

