

# Expressions

Newsletter of the HKU Faculty of Dentistry



## New Advancement in Dentistry

Institute for Advanced Dentistry & MOOC



ISSN 1997-356X



Faculty of Dentistry  
The University of Hong Kong

**35 Years**  
Advancing Oral Health & Well-being

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Advancing Oral Health &  
Well-being



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**FACULTY OF DENTISTRY  
THE UNIVERSITY OF HONG KONG**



# 35 years of Advancing Oral Health and Well-being

**F**rom its humble beginnings, the Faculty of Dentistry has risen to become one of the premier institutions of teaching, research, and service in Dentistry. The No. 1 ranking of the Faculty in 2017 and 2016 by the QS World University Ranking is a wonderful recognition of the outstanding achievements of all the staff and students that have contributed over the years and a testament to the excellence of our research, teaching, and service. It demonstrates what we can achieve together.

To go to the next level, we have established the Institute for Advanced Dentistry as a centre of excellence for the management of complex and severe oral conditions. With the Institute in place, we will continue the training of dental specialists in the Master of Dental Surgery programmes. To expand our reach as part of Asia's Global University, we have launched Massive Open Online Courses (MOOCs) in Implant Dentistry and Materials in Oral Health. The MOOCs are accessible at no charge to anyone in the world with an internet connection. More than 14,000 active learners from all over the world have enrolled in the first run of the two MOOCs. With the two MOOCs, the Faculty has educated more dentists than it has since it was founded in 1982.

We had the kick-off event for the 35-year anniversary earlier this year and there are many more to come:

**1) Faculty Love Teeth Day 2017**

*20 September 2017, Exhibition, Lobby, Prince Philip Dental Hospital;*

**2) 35th Anniversary Open Day**

*October 2017 (date to be announced), Prince Philip Dental Hospital;*

**3) Dentistry Symposium 2017**

*23 November 2017, Lecture Theatre I, Prince Philip Dental Hospital;*

**4) 35th Anniversary Gala Dinner**

*23 November 2017, Grand Harbour Hotel, Hong Kong (ticketed event)*

For further information, please visit our website at <http://facdent.hku.hk>, Facebook site at <http://www.hku.hk/facdent>, and for more details about the above functions, and of news throughout the year about our 35th anniversary.

I am looking forward to welcoming you to the upcoming events and your further support of our Faculty of Dentistry.

**Professor Thomas F Flemmig**

*Kingboard Professor in Advanced Dentistry  
Dean, HKU Faculty of Dentistry*



# Introducing Institute for Advanced Dentistry



**T**he University of Hong Kong has established the Institute

for Advanced Dentistry (IAD) in the Faculty of Dentistry. The objective of the IAD is to create a centre of excellence for the management of complex and severe oral conditions. The IAD will provide postgraduate dental education, foster clinical innovation, support translational and clinical research, and offer continuing dental and professional education to practising dentists and specialists. Furthermore, it will provide affordable multi-specialty advanced dental care to the community.



Dentists and specialists may refer patients to the Institute for advanced care in all dental specialties.

Treatment is provided by dentists enrolled in the Faculty's Master programmes. The multi-specialty clinic of the IAD is located on the 6th floor of the Prince Philip Dental Hospital.

The Faculty of Dentistry is a training centre accredited by the College of Dental Surgeons of Hong Kong and offers Master of Dental Surgery (MDS) programmes in *Endodontics, Implant Dentistry, Oral and Maxillofacial Surgery, Orthodontics and Dentofacial Orthopaedics, Paediatric Dentistry, Periodontology, and Prosthodontics*. Many of the graduates of the Faculty's Master programmes have assumed leadership roles in academia, the profession, and society. Those who have entered private practice, work closely with General Dentists to provide comprehensive dental care to the community.

Clinic Manager: **Dr Katherine CM Leung**

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34 Hospital Road, Sai Ying Pun, Hong Kong

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# Going Massive: First MOOC in Implant Dentistry

The HKU Faculty of Dentistry has launched the world's first massive open online course (MOOC) in implant dentistry. This MOOC allows implant dentistry education to be taken out of the clinic and out of the university setting into the wider world.

A MOOC is one of the most exciting educational developments of this century, by combining Open Access with e-learning, all broadcast live by social media. This innovation allows quality education to be made accessible to everyone, anywhere and at anytime, for free. In fact, MOOCs and similar communities of learners can fill a significant void in our current education structures. As with every type of course, the MOOC has a distinct form and educational "culture".

The new MOOC was used for the teaching of Implant Dentistry in the 5th year of the BDS programme at HKU, and at the same time it was also opened up to other students around the globe. Our first MOOC in "Implant Dentistry" was attended by an impressive 7000 active students from all over the world, and a similar number recently completed the second round. Those numbers clearly show that online communities can play a significant role in clinical dentistry, by developing competence and supporting learners for the benefit of our practice and patients.

A major strength that emerged from our first course was the development of a vibrant community of learners who were eager not only to learn but also to share and help others to learn. Volunteers took up many tasks, from

teaching assistance and support to sharing experiences and contributing thoughts and ideas.



We also noticed many positive knock-on effects of the first round. Groups of learners around the region spontaneously formed Facebook groups and virtual "study clubs". The Facebook group of Arabic-speaking students soon reached 1000 members, and the Ukrainian Association of Periodontology helped translate and disseminate our notes and charts from the MOOC seminars. Elaborate notes and commentaries on the seminars were circulated in numerous WeChat groups by Chinese students. Thanks to these communities and the volunteer work of first-round learners, the

second run of the MOOC that started in February was available in Ukrainian, Russian, Arabic, and Chinese.

At present, we are reviewing the content and topics of the course, and preparing for some major additions for the third and fourth run of the course. We hope the MOOC will become a catalyst bridging the gap between postgraduate education and professional development of clinicians in the 21st century!

**Dr Nikos Mattheos**

*Clinical Associate Professor in Implant Dentistry*

# New MOOC on “Materials in Oral Health”



There is no dentistry without a vast amount of synthetic materials. There is no sustainable oral health without diverse home care dental

products. In turn, these all rely on dental materials and their underlying dental materials science. Today, dental materials science is an intensive and exciting multidisciplinary area of discovery and research.

At the HKU Faculty of Dentistry, **Dental Materials Science** is a part of Applied Oral Sciences (which also includes Oral Biosciences and Oral and Maxillofacial Radiology), one of our nine reorganised disciplines. We at Applied Oral Sciences contribute actively in contemporary learning, research, administration, and knowledge exchange. Following this spring’s milestone of launching **Dr Nikos Mattheos’** successful massive open online course (MOOC) on “Implant Dentistry”, now it is our turn to launch the next one, on “Materials in Oral Health”. Both appear in the Coursera platform <[www.coursera.org](http://www.coursera.org)>.

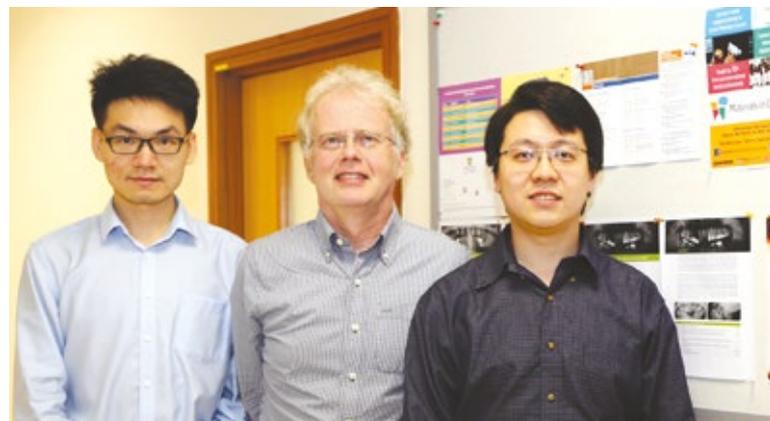
Our “Materials in Oral Health” MOOC contains contributions from a wide range of fields, from clinical dentistry to biology, chemistry, physics, material science, and engineering. With the current drive of developing novel biomaterials that have wide clinical implications

in dentistry, we shall see the increased importance and potential in dental materials research.

“Materials in Oral Health” is designed to serve multiple groups of learners, from dental practitioners, dental specialists, and dental technicians to dental students and students from diverse disciplinary backgrounds. Learners are guided through four thematic modules by more than 30 world-class experts in dental materials and biomaterials who have generously contributed their skills and knowledge.

We have been fortunate that the E-learning Pedagogical Support Unit (EPSU) Team of HKU, led by **Ms Ellen Seto**, has helped and made our MOOC dreams come true. Moreover, without the hard work of **Dr James Tsoi, Dr Tian Tian, and Mr Ding Hao**, I would not have been able to write this summary.

We welcome you to take the free “Materials in Oral Health” MOOC at <<https://www.coursera.org/learn/materials-oral-health>>. The next round will start on **28 August 2017**.



**Professor Jukka Matinlinna**

*Professor in Dental Materials Science, Applied Oral Sciences*

# Tam Wah-Ching Professorship in Dental Science

**I feel very honoured to have been appointed the Tam Wah-Ching Professor in Dental Science earlier this year, as the second holder of this endowed professorship to succeed Prof LP Samaranayake.**

This endowed professorship was the first one established at the HKU Faculty of Dentistry and was made possible through a generous donation by Dr Wah-ching Tam who is an eminent industrialist and philanthropist in Hong Kong.

I have been a full-time teacher in the Faculty for close to 30 years and am fortunate to have worked

with many excellent colleagues in advancing teaching and research in dentistry, in particular the field of dental public health. Thanks to the collective efforts of numerous teams, including not only researchers, staff and students of the Faculty, but also people in various sectors of the community, we have contributed to a number of improvements in

the oral health and dental care services in Hong Kong. These include the provision of outreach dental services to kindergarten children and institutionalized elders, and the development of new methods to prevent and manage dental caries.



**Professor Edward CM Lo**  
*Tam Wah-Ching Professor in  
Dental Science, Chair Professor of  
Dental Public Health*

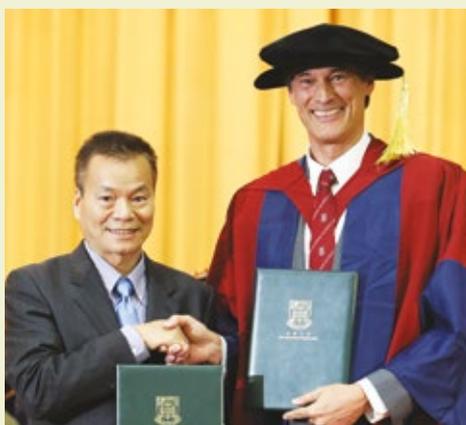
At a recent lunch gathering to celebrate this new appointment, Dr Tam encouraged me to continue and further develop my academic endeavour to promote dental sciences. I will certainly make the best use of the support from the endowment and will work closely with my collaborators to achieve this goal. I understand it is a great privilege to be the holder of this endowed professorship and I am committed to advancing teaching, research, and knowledge exchange at the world's top dental faculty. Hopefully through our achievements, we can make significant contributions to the improvement in oral health and well-being of the people in Hong Kong and other parts of the world.



# Kingboard Professorship in Advanced Dentistry

**Professor Thomas F Flemmig, Dean of the HKU Faculty of Dentistry, has been conferred with the Kingboard Professorship in Advanced Dentistry**

The professorship is an endowment generously donated by Kingboard Chemical Holdings Limited, which is mainly a producer of chemicals and laminate and printed circuit boards. The company said: "It is our wish that the establishment of this Endowed Professorship will help the Faculty of Dentistry scale new heights in global dental education. Named the number 1 dental school in the world by the QS World University Rankings 2016, the HKU Faculty of Dentistry, we believe, is in a superb position to push boundaries and bring innovative development in dental science to Hong Kong and beyond."



Prof Flemmig earned his dental degree at the University of Freiburg, Germany, and received training in oral surgery at the University of Hamburg, Germany, and in periodontology at the University of California, Los Angeles, United States. He is a specialist in periodontology, and holds a Doctorate in Medical Dentistry from the University of Freiburg, a Habilitation in Medical Dentistry from the University of Würzburg, and an MBA and a certificate in Health Sector Management from Duke University.

**Prof Thomas F Flemmig**  
*Kingboard Professorship in Advanced Dentistry*  
*Dean Faculty of Dentistry*  
*Clinical Professor in Periodontology*  
*Director Prince Philip Dental Hospital*

The professorship was bestowed in recognition of Prof Flemmig's background and expertise in periodontal (gum) diseases. He is currently also a Clinical Professor of Periodontology at HKU. Periodontal diseases and tooth decay are recognised by the United States Centers for Diseases Control and Prevention (CDC) as the two biggest threats to oral health. Periodontal diseases affect the gums and jawbone, and in an advanced stage (e.g. periodontitis) can lead to the loss of teeth. Recent studies by the CDC found that nearly 50% of adults aged 30 years or older have some form of periodontal disease, and that more than 70% of adults aged 65 years or older have periodontitis.

*Photos provided by the Development & Alumni Affairs Office, HKU*



# Dealing with Global Challenges in Dentistry



**O**ral health affects not only bodily health but also societal health. With the knowledge that oral health and oral health care equality are emerging global issues, researchers at the HKU Faculty of Dentistry are investigating new sustainable approaches to delivering oral health care.

To exchange ideas and nurture partnerships for meeting challenges in dentistry and oral health, the Faculty organised a one-day Joint Scientific Symposium with the Dental Hospital Center for Global Oral Health, Osaka University, at the Prince Philip Dental Hospital on 12 January 2017.

At this first joint symposium to be held solely between a Japanese university and the HKU Faculty of Dentistry, members from each institution delivered a total of six keynote presentations in emerging areas in dentistry. Topics of the talks given by the HKU Faculty of Dentistry dealt with oral care after implantation (peri-implantitis), special care dentistry, and dental pulp regeneration.



During the day, there were also fruitful discussions of current and future challenges in dentistry, and how both institutions could collaborate to meet those challenges, including future joint symposia and exchange visits.



The six keynote presentations were as follows:

- **Professor Maurizio Tonetti**, Clinical Professor in Periodontology (The University of Hong Kong), "A Talk on Peri-implantitis"

- **Professor Mikako Hayashi** (Osaka University), "How Best to Strengthen Human Dentin by Riboflavin and UVA Treatments"



- **Professor Colman P McGrath**, Clinical Professor in Dental Public Health (The University of Hong Kong), "Developing Evidence-based Approaches for Special Care Dentistry"

- **Professor Takashi Yamashiro** (Osaka University), Professor and Chairman of the Department of Orthodontics, "MASDO, Novel Surgical Options in Treatment of Cleft Lip and Palate Patients"

- **Professor CF Zhang**, Clinical Professor in Endodontics, and **Dr WL Dissanayaka**, Research Assistant Professor in Biomedical and Tissue Engineering (The University of Hong Kong), "The Role of Vasculature Engineering in Dental Pulp Regeneration"

- **Professor Shinya Murakami**, Professor and Chairman of Department of Periodontology (Osaka University), "Regrowth (FGF-2 medicine), an Emerging Regenerative Approach for Periodontal Regeneration"

# Reinforcing Bonds in Asia

The HKU Faculty of Dentistry (Dental Materials Science/Applied Oral Sciences) played a leading role last autumn in promoting dental materials science in Asia. For the third time in a row, the Faculty co-organised the Asian Symposium on Fibre-Reinforced Composite Materials in Dentistry. This time, the meeting was held in Shanghai, China, from 24 to 26 September 2016, and was co-organized by the Chinese Stomatological Association.

Fibre-reinforced composites (FRCs) are relatively new dental materials. An FRC is a plastic (resinous) matrix that is reinforced with long fine fibres, producing a composite of the two materials. This fibre reinforcement provides the composite structure with biomechanical performance close to that of bone, owing to superior properties in both tension and flexure. In dentistry, FRCs are increasingly

being used as substitutes for metallic restorations. Examples of applications are periodontal splints, fixed partial dentures, endodontic posts, orthodontic appliances, and restorations for cranio-facial defects. In Asia, including at our Faculty, FRCs are one of the most active research topics today. The symposium allowed scientists from Asia to share current research findings, through oral and poster presentations, and to discuss future directions for collaboration.

The First Asian Symposium on Fibre-Reinforced Composite Materials in Dentistry was initiated by Prof Jukka Matinlinna and held at the HKU Faculty of Dentistry on 18-19 November 2013. The second symposium was hosted by Nippon Dental University in Tokyo, Japan, on 26-27 November 2014.

**Prof Jukka Matinlinna**  
Professor in Dental Materials Science, Applied Oral Sciences



## Promoting Learning Outcomes in Vietnam

In early April 2017, Dr Michael Botelho was invited as a guest speaker to Ho Chi Min City in Vietnam, to present at a workshop in a conference on dental education that was co-organised by the Vietnam Ministry of Health. The conference theme was on the “Integration of Comprehensive Oral Care into Dental Education”. Representatives from all the dental schools in Vietnam were present at this event.

Dr Botelho shared knowledge and experiences about outcomes- and competency-based curricula, which are part of the educational approaches used at The University of Hong Kong and HKU Faculty of Dentistry. A new approach is being adopted

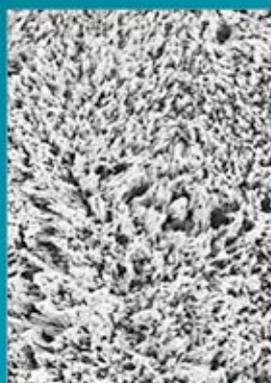
nationally in Vietnam, on the advice from the Ministry of Health, so that all medical and dental schools in the country will implement outcomes-based education in their curricula.

**Dr Michael Botelho**  
Clinical Associate Professor in Prosthodontics

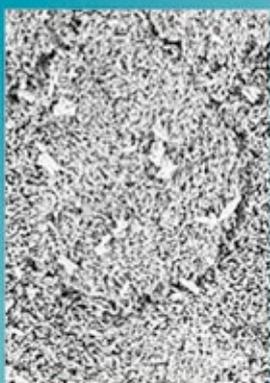


# Colgate®

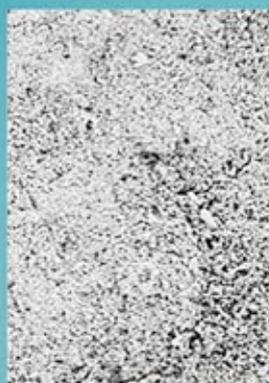
## INTRODUCING A NEW TOOTHPASTE THAT REMINERALIZES AND POLISHES TEETH TO TRANSFORM ENAMEL



ACID-SOFTENED  
ENAMEL



ENAMEL AFTER  
5 APPLICATIONS



ENAMEL AFTER  
10 APPLICATIONS



ENAMEL AFTER  
15 APPLICATIONS



New Colgate® Enamel Health™ works in 2 ways to transform enamel from rough and weakened to smooth and strong.

- Replenishes natural calcium and phosphate back into weakened enamel to fill in rough spots
- Gently polishes the tooth surface so it's smooth and bacteria are less likely to stick

\*Demonstration of Colgate® Enamel Health™ mode of action. Images were captured using an electron microscope.



# Saliva and Sugarfree Gum

## Maintaining Healthy Teeth



Working together for patients' healthy smiles



Saliva is the body's own protection against tooth decay and stimulated saliva does this best. The most effective way of stimulating saliva is by chewing sugarfree gum, like Extra® sugarfree gum.

### Saliva has many functions such as:

- Lubrication: Helping the action of chewing, swallowing and speech
- Cleansing: Washing away food debris from the mouth and teeth
- Buffering: Neutralizing acid produced by plaque bacteria
- Digestion: Starts the breakdown of carbohydrates
- Remineralization: Helps repair the early stages of tooth decay
- Protection: Acts as an anti-microbial fighting infection

The FDI World Dental Federation recognizes that chewing sugarfree gum, like Extra® sugarfree gum is proven to benefit dental health.

### Key messages for patients – Chewing Extra® sugarfree gum after eating and drinking:

- Stimulates saliva
- Can help to neutralize plaque acid
- Helps replace lost minerals after an acid attack
- Can help prevent tooth decay



Chewing Extra® sugarfree gum for 20 minutes after eating and drinking restores the pH level in the mouth to a point where demineralization no longer occurs

#### References for graph:

- Maiwald H.J., et al, Zahn-, Mund- U. Keiferheilkd., 1982; 70:598-604
- Jensen M.E. JADA. 1986; 113:262-266



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## Preventing Secondary Tooth Decay

A major reason for the failure of fillings is the development of tooth decay along the edge of the filling material. Led by Dr Irene Zhao, a research team at the HKU Faculty of Dentistry has now found a potential way of preventing this type of filling failure.

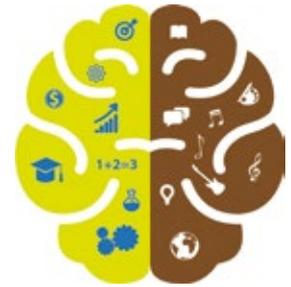
Their laboratory study used tooth roots filled with glass ionomer cement (GIC) to test the effectiveness of two methods of preventing tooth decay around the filling. The first method was coating the filled surface with silver diamine fluoride (SDF) and the second was adding casein phosphopeptide–amorphous calcium phosphate (CPP-ACP) to the GIC before filling. Both of the tested methods are known to protect teeth: SDF delivers topical fluoride to prevent and arrest tooth decay, and CPP-ACP is a bioactive substance that delivers calcium and phosphate to repair mineral loss.

After the tooth roots were challenged by bacteria that cause tooth decay, the researchers found that the two treatments reduced the development of secondary decay around the edge of the filling material. However, incorporation of CPP-ACP into GIC plus surface treatment with SDF together had a synergistic effect in preventing secondary decay. The researchers conclude that their study could be useful for dentists when planning treatment for tooth decay, especially root decay. This study won the IADR Heraeus Kulzer Travel Award 2017 and was recently published in the *Journal of Dentistry*.

Zhao IS, Mei ML, Burrow MF, Lo ECM, Chu CH. Prevention of secondary caries using silver diamine fluoride treatment and casein phosphopeptide-amorphous calcium phosphate modified glass-ionomer cement. *Journal of Dentistry* 2017; 57: 38-44.

## It's All in the Mind

Neuroscience is an ever-evolving modern research field, and the past decade has seen a clear shift in the types of published neuroscience research, according to a literature survey by researchers from the HKU Faculty of Dentistry and Tokyo Dental College.



The team of Dr Andy WK Yeung, Prof Tazuko K Goto and Prof WK Leung extracted relevant data from the online database Web of Science and from annual Journal Citation Reports. From 2006 to 2015, the neuroscience research field has shifted its focus towards psychology and geriatrics/gerontology, as reflected by increased proportions of publications in these topics. Brain networks and neuroimaging were particularly popular research areas, with relatively high citation rates. Moreover, China has overtaken numerous European countries to become the second largest contributor to the academic literature on neuroscience.

“In the near future, more dental researchers would benefit from collaborating with multinational teams, and add extra dimensions to their projects by probing into the neurobiological mechanisms underpinning their research questions,” says lead researcher Dr Yeung. “For instance, emerging areas for collaboration could include neuroscience research relevant to psychological or geriatric aspects of dental behaviours.”

Yeung AWK, Goto TK, Leung WK. The changing landscape of neuroscience research, 2006–2015: a bibliometric study. *Frontiers in Neuroscience* 2017;11:120.

PubMed link: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5360093/>

# Inaugural Faculty Knowledge Exchange Award Ceremony



**K**icking off our *35th anniversary year*, the HKU Faculty of Dentistry held the Inaugural Knowledge Exchange (KE) Award Ceremony at the Prince Philip Dental Hospital on 6 March 2017 to recognise Faculty staff and students who have recently contributed to KE in oral health.

A total of 100 people attended the event to hear about the Faculty's KE strategies and activities aiming to promote dental health care to local residents, especially minorities and the underprivileged. **Mr Hoi-wai Chua**, *Chief Executive of the Hong Kong Council of Social Service*, officiated at the ceremony and presented the KE awards.

In his opening speech, guest-of-honour **Prof Andy Hor**, *HKU Vice-President and Pro-Vice-Chancellor*, said: "KE has been an important goal of the University for several years



now, and the Faculty of Dentistry has done an excellent job in turning that goal into action. They may be the best dental faculty in the world, according to the QS ranking, but they have their eye on the horizon – on translating their research into the kind of impact and community engagement that are necessary to sustain their excellence."

**Prof Thomas Flemmig**, *Dean of the Faculty of Dentistry* said: "It is an astounding achievement that in just 35 years, the Faculty has become regarded as the best in the world for its teaching and research. But what is less well known is that our scholars also have a deep commitment to helping those in need and promoting oral health care in the community. They have put in extra hours, recruited students and professionals in the field, developed collaborations with outside organisations and generally pulled out all the stops to ensure their knowledge and know-how does not remain behind the doors of an ivory tower."

However, **Prof Flemmig** pointed out: "There are still deep pockets of need for dental health care here in Hong Kong and the region, which means our work is far from done. I am sure we will continue to see much activity related to KE in the years to come."



**Dr Dominic KL Ho,**  
*Clinical Assistant  
Professor in  
Periodontology* earned  
the evening's top  
prize of the Faculty KE  
Award 2016. He had  
led a team of Faculty  
students and alumni  
throughout the past

year to set up multiple mobile dental clinics in various locations in Hong Kong. The team also trained the staff of a local charity to continue running the dental clinics in the long term, and to offer local residents free oral health services and seminars to help prevent oral diseases.

Also during the ceremony, certificates were presented to 11 teams for KE projects taking place in the past year in partnership with various non-governmental organisations.

The projects aimed at improving oral health care and raising awareness of oral health and hygiene. They were mostly supported by HKU grants, such as the *Faculty KE Staff Impact Project Fund* and *SERVICE 100 Fund (incorporating student KE Project grants)*. Special groups that were targeted by the Faculty KE projects included patients with Alzheimer's disease and their caregivers, children with special needs, foreign domestic helpers, and the Muslim community. Some of the projects took place outside Hong Kong, such as in Nanning, Liuzhou, and Kunming in mainland China, and in Sri Lanka.





# Faculty Celebrations in America

The HKU Faculty of Dentistry held an evening cocktail reception as part of the Annual General Session of the International Association of Dental Research (IADR), on 23 March 2017 in the Moscone Center, San Francisco, California, United States.

About 200 guests attended the event, which provided an opportunity for the Faculty to rekindle bonds with alumni and to celebrate its 35th anniversary and current top position in Dentistry in the QS World University Rankings by Subject.

Throughout the evening, a team of ushers from the Faculty were at hand to meet and greet IADR conference delegates and share the good news as well as other Faculty achievements with the global dental community. The ushers engaged in conversation with alumni, academics and researchers in their fields, so as to further reinforce

the Faculty's professional network and to facilitate communications among their peers in a global context. IADR is the world's largest non-profit organization in dental research and has nearly 11,000 members worldwide.

The HKU Faculty of Dentistry would like to thank **Dr Sherry Gao** for taking up the volunteer post as usher team leader, and usher team members **Dr Irene Zhao, Dr Ollie Yu, Dr Kitty Chen, Dr Vicky Wen, Dr Anne Liao, Dr Gigi Gong, Dr Will Qiao, Mr Rastlin Chan, Miss Madeline Yon, and Miss Jane Pu**. The usher team helped to make the reception a truly successful celebratory, professional networking, and friend-raising event.



# BDS Clinical Pledge 2017

**T**he Clinical Pledge Ceremony of 3 March 2017 was an incredibly important milestone for us, the BDS II students (Class 2021), as it marked the beginning of our career as dental clinicians.

Through the preparation programme for the pledging ceremony and the ceremony itself, we learnt the importance of integrity, justice, and a good dentist-patient relationship. These features were also stated clearly in 'The Pledge'.

Under the witness of the Guest-of-Honour, **Professor Lau Chak-sing**, President, Hong Kong Academy of Medicine; the Dean **Flemmig**; our personal tutors; and our dearest family members, we pledged to uphold professional conduct and assume the responsibility for providing comprehensive oral health care to patients with compassion and confidence. We will continue to strive for excellence in advancing our knowledge and clinical skills, not only during the rest our BDS studies, but also throughout our dental career.

– **Vincent Chan** (Class 2021)



## Staff moves

**The Faculty bids a warm welcome to Prof Maurizio Tonetti**, Clinical Professor in Periodontology

**Prof Michael Marc Bornstein**, Clinical Professor in Oral and Maxillofacial Radiology

**Prof Michael Francis Burrow**, Clinical Professor in Prosthodontics

**Dr Lam Yu Hang Walter**, Clinical Assistant Professor in Prosthodontics

**Dr Hamdi Hosni Hamdan Eldesouki Hamama**, Clinical Assistant Professor in Operative Dentistry

**Dr Prasanna Neelakantan**, Clinical Assistant Professor in Endodontology

**Dr Chan Yu Ki**, Research Assistant Professor in Faculty

**Dr Dissanayaka Waruna Lakmal**, Research Assistant Professor in Faculty

**Dr Cao Wang Nan**, Post-doctoral Fellow in Public Health and Healthy Ageing

**Dr Zhang Jing**, Post-doctoral Fellow in Biomedical and Tissue Engineering

**Ms Chan Pik Wan Janice**, Assistant Director (Institutional Advancement)

**Ms Tang Pui Yan Eva**, External Relations Manager in External Relations & Knowledge Exchange Unit

**Miss Tse Ka Yan**, Executive Officer in Faculty Office

**Ms Man Yuen Fun**, Clerk II in Faculty Office

**Ms Chan Wing Man Mandy**, Secretary II in Applied Oral Sciences

**Ms Shih Min Li Connie**, Secretary II in Periodontology

**Mr Chan Kai Fat Peter**, Senior Driver in Faculty Office

**...And congratulation to:**

**Prof Zhang Chengfei**, who has been promoted to Clinical Professor in Endodontology

**Dr Leung Yiu Yan Mike**, who has been promoted to

Clinical Associate Professor in Oral and Maxillofacial Surgery

**Dr Yang Yanqi**, who has been promoted to Clinical Associate Professor in Orthodontics

**Ms Chan Siu Ping Vivien**, who has been promoted to Assistant Registrar in Faculty Office

**Ms Chan Pui Sim Joyce & Ms Siu Wai Yee Sarah**, who have been promoted to Administrative Assistant I in Faculty Office

**...And a fond farewell to:**

**Dr Chen Jialong**, Post-doctoral Fellow in Biomedical and Tissue Engineering

**Miss Hung Nga Yan Viola, Miss Chan Tsz Lun**

**Heather, Miss Chow On Nei Annie, Miss Ho Po Ling**

**Pauline & Miss Yip Pui Yuk Edith**, Certificated Dental

Surgery Assistants in Centre for Advanced Dental Care

**Miss Poon Nga Yin Irene**, Clerk II in External

Relations & Knowledge Exchange Unit

**Ms Wu Chunyan Tracy**, Office Attendant in Centre for Advanced Dental Care

## DentSoc Inauguration

The newest Executive Committee of the Dental Society of the HKU Students' Union was officially sworn in at its Inauguration Ceremony on the 22 February 2017. The name of the new committee is *Eternum*. This

name is derived from the Latin term *aeternum*, which translates to English as "eternally".

We hope to be able to serve our members, by helping them to create everlasting memories during our

tenure as the Executive Committee of Session 2016 to 2017. This is our common goal, and is the significance held by our cabinet name.

More information regarding the Society can be found on its website:

<[www.dentsoc.hku.hk](http://www.dentsoc.hku.hk)>

**Jonathan Ma (BDSI)**  
Chair, Executive  
Committee of Dental  
Society  
HKUSU  
Session 2016-2017



## DPHC Update

The Dental Public Health Committee (DPHC) aims at promoting the importance of maintaining good oral health among the community, as well as providing a platform for dental students to share their knowledge with the general public. We organise various projects, like University Exhibition Series, Elderly Centre Visits, and Community Centre Visits to achieve our aims. It is believed that prevention is always better than cure, so we hope that we can raise the

awareness of oral health in society through our events. Event details can be found at <<https://www.facebook.com/DPHC.HKU>>

**Eric Yu-hei Mak (BDSII)**  
Chairperson, Dental Public Health  
Committee, Dental Society,  
HKUSU, Session 2016-2017



# Top of the World

**O**n behalf of the HKU Dental Alumni Association, I would like to congratulate the HKU Faculty of Dentistry for being ranked the world's best dental faculty, for the second year in a row, in the QS World University Rankings by Subject 2016!

It is an encouragement to us alumni that we were privileged to study in a truly world-class dental school and to know that we represent dental excellence in our daily work lives for the world to see. For alumni who have given back to the Faculty in the form of full- or part-time teaching or assistance in research and knowledge exchange activities, it must be equally satisfying to know your direct contributions do inspire the next generation and have a part to play in quality assurance and upskilling graduates.

Just for your reference, here are the indicators used by the QS rankings by subject <<http://www.iu.qs.com/university-rankings/subject-tables/#tab-id-5>>: (1) international academic reputation, (2) international employer reputation, (3) citations per research paper over 5 years, (4) H index—an overall measure of research productivity and impact, (5) reputation for subject speciality within an institution.

The international reputation is cumulative and long term, so a big Well Done! to all alumni and all former staff of the Faculty for building a strong foundation in education,

research and knowledge exchange. Together, we have helped to maintain relevance and usefulness, and to make our graduates globally competitive and so sought-after by employers. We can continue to promote the reputation of our alma mater by setting a good example in all that we do, and to continue offering our service to HKU when needed.

On that note, we recently thanked Dr Dominic KL Ho (BDS 2005) for serving the HKU Dental Alumni Association as president in the past 4 years. At our Annual General Meeting (AGM) on 24 February 2017, I was sworn in

to take over as president and I look forward to my term to build on Dr Ho's legacy. Dr Ho and also Dr Edmond HN Pow (BDS 1992) delivered the annual AGM lecture, titled "Biological and technical complications of



dental implants". Around 100 alumni and students took part in the meeting and lecture.

Last but not least, our long-running Mentorship Programme is the annual highlight of collaboration between the Faculty and the HKU Dental Alumni Association. For the past 7 years, this high-quality programme has nurtured relationships between students and alumni, and the feedback shows it is rewarding and meaningful for both mentors and mentees. Please do not hesitate to apply to participate as a mentor for the 2017-18 programme by email Ms Sauwan Cheng <[dentke@hku.hk](mailto:dentke@hku.hk)>.

**Dr Hon Ki Adrian (Class 2008)**

*HKUDAA President 2017-18*

# Thank You for supporting Excellence

The Faculty thanks the following donors for their generous support and contributions from 1 January 2015 to 31 December 2016

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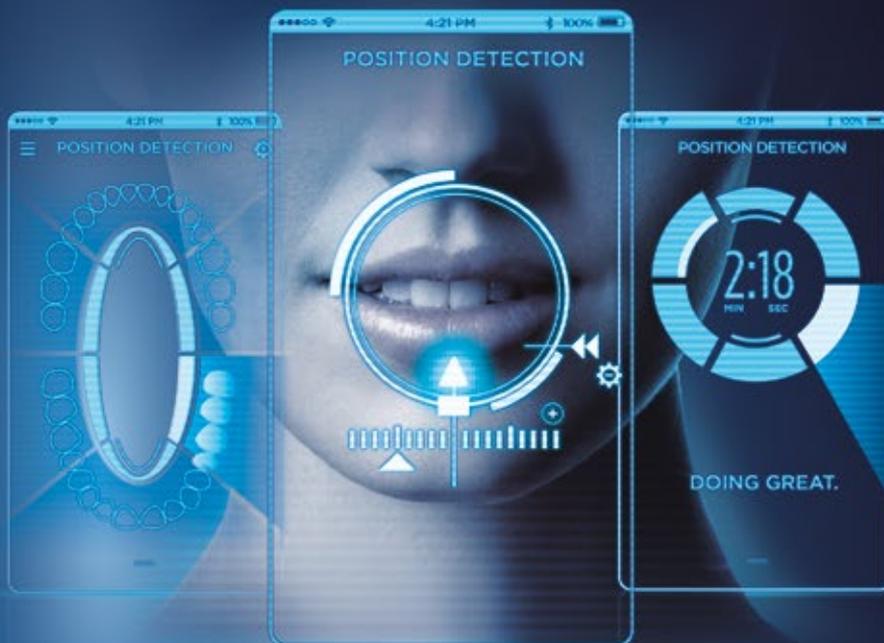


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