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Message from the Dean

The Faculty has enjoyed and is deeply appreciative of the continuing support of its alumni especially in guiding and grooming the next generation of dental professionals. Our alumni's profile, prominence and achievements play an important part in maintaining the local and international reputation of the Faculty, both in clinical professionalism and contribution to community .

Our alumni shone in their contributions towards the Faculty's activities this past year. In partnership with the Guild of Dental Graduates, the faculty launched the Alumni Mentorship Scheme in July 2006 and we rapidly achieved the needed number of volunteer alumni mentors. Each volunteer alumnus mentors 2 undergraduate dental students for 2 year stints. Each undergraduate student would thus have experienced the advise and counsel of 2 alumni during his or her undergraduate course. Feedback on the scheme from both mentors and mentees has been positive and most encouraging. With alumni serving as role models, we firmly believe that the Dental Profession, as a whole, will be strengthened through this stronger practitioner – student links.

We also received heartening support towards our Student Bursary Awards for Dentistry. With the increasing number of students requiring financial support, 12 more alumni answered the call and came forward to contribute towards the Fund, making a total of 16 pledged bursary awards for our needy students.

In July 2007, an enhanced Adjunct Staff Scheme replaced the part-time teachers scheme for private practitioners. Adjunct staff titles for our large crop of teachers from the private sector now allows the faculty to more appropriately recognise these dedicated clinicians who regularly participate and contribute towards teaching in both undergraduate and postgraduate courses.

Expansion in continuing dental education programmes continues to be spearheaded by the Centre for Advanced Dental Education (CADE). The faculty will expand the intake of MDS programmes in response to increased demand from quality applicants throughout the region. In AY 2006, the MDS Orthodontics residency programme doubled its intake. The first Graduate Diploma programme was launched with the Graduate Diploma in Dental Implantology taking in its first intake in January 2007.

Building on key research strengths, the Faculty established 3 research units - the Centre for Cranio-facial and Regenerative Biology (CCRB), the Dental Biophotonics Programme (DBBP) and the Cranio-facial Clinical Research Unit (CCRU) to improve oral health and delivery of clinical care.

The faculty continues to forge ahead with its research mission. External recognition of the quality of research is evident in the research prizes and awards won at the national and international level. Some highlights are:

- A UROP group comprising three Year 4 students won one of the inaugural Outstanding Undergraduate Researcher (OUR) Group Prizes, awarded by the university.



“The faculty continues to forge ahead with its research mission. External recognition of the quality of research is evident in the research prizes and awards won at the national and international level.”

Message from the Dean

- A PhD student in Cariology research in the Department of Preventive Dentistry was the recipient of the prestigious International Association for Dental Research (IADR) Lion Dental Research Award for Junior Investigators in Behavioral Sciences & Health Services Research. The award was presented at the IADR General Session in New Orleans in March 2007.
- The partnership with Rapid Tech Pte Ltd for In-vitro and In-vivo Testing of Bio-scaffold for Bone Re-construction and Implants has matured from basic science research to collaboration in clinical trials.

Continuing education activities for the profession continues to ramp up through our Centre for Advanced Dental Education (CADE). A successful 2nd Faculty of Dentistry Symposium in January 2007 featured renowned overseas speakers Professor Steven Morgano and Professor Maurizio Tonetti. Together with the Singapore Dental Association, we co-hosted the 7th NUS-SDA Distinguished Speaker program in April 2007 with Professor Monty Duggal of Leeds Dental Institute providing a well received update in Pediatric Dentistry.

The faculty continues to spread its wings globally with the signing of a MOU with the renowned School of Stomatology, Beijing University (BJU). Collaborations in areas of academic exchange and research were agreed upon and exchange of visits by staff of both NUS and BJU over the past few years have led to this formal link. The first group of 6 undergraduate students visited BJU in September 2006 on exchange. Research projects in areas of 3D imaging and visualization of craniofacial region, stem cells and tissue engineering/tissue regeneration, special interests in salivary gland disease management and distraction osteogenesis are ongoing.

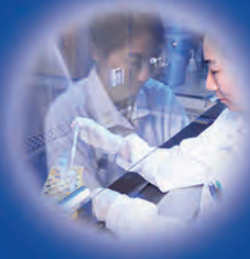
Academic Year 2006/07 saw the first increase in the BDS class size in several decades, going from 34 to 42 . This increase, together with expansion in postgraduate residency programmes and Graduate Diploma courses will mean that our current clinical and teaching facilities will be fully utilized. Whilst we work towards optimizing space usage at our current site in the next few years, we also look forward to the possibility of major infrastructure developments at the Kent Ridge Campus - NUH site with the increasing national focus and resources available for Translational Clinical Research. Possible expansion plans that may involve a new building for the Faculty are on the horizon and we look forward toward this exciting prospect as we strive to achieve our Vision and our Mission for the improvement of oral health through academic excellence, high impact research and quality clinical service.



Associate Professor Keson Tan
Dean

VISION:

To be a dental institution of international distinction



MISSION:

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

Our mission will support the three thrusts of NUS: Quality Education, High Impact Research and Entrepreneurship, In Service of Country and Society.

By providing a vibrant and challenging environment, the Faculty strives to produce clinically competent, socially and ethically responsible professionals who will be leaders in the community.

Excellence in our educational programmes and high impact innovative research will be the foundation upon which we will advance knowledge and nurture students to realize their full potential along with a passion and commitment to independent lifelong learning.

Faculty Objectives:

In line with the University's objectives, the Faculty aims to be the leading dental school in the Asia Pacific region within the next 10 years and a top ranking dental school internationally within 20 years.

The Faculty will be guided by eight objectives to achieve our Vision to be a dental institution of international distinction:

- To be the educational hub for dentistry in the region, a confluence where the very best dental students, staff and faculty interact and learn from one another.
- To establish a vibrant and conducive environment for high impact research, excellent teaching, and professional clinical service.
- To produce clinically competent graduates with a sense of professionalism, ethical and social responsibility.
- To develop peaks of excellence of high impact research.
- To be the regional centre for postgraduate clinical specialty training programmes that are recognized for their excellence and graduates who are leaders in their clinical specialties.
- To strengthen bonds with students, alumni and other stakeholders; building bridges that transcend the academic experience.
- To provide leadership in the development of the profession.
- To contribute towards life-long learning for the dental profession.

Deanery

A/P Keson Tan Beng Choon
Dean

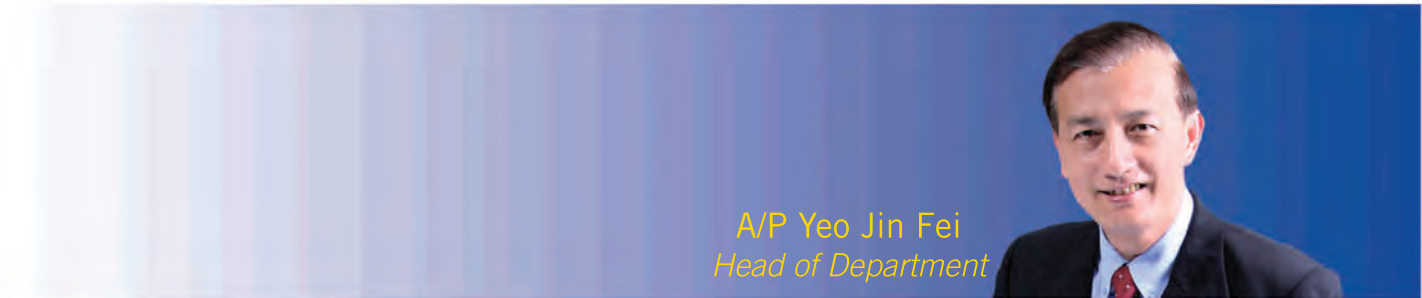
A/P Varawan Sae-Lim
Vice Dean (Research)

A/P Kelvin Foong Weng Chiong
Vice Dean (Academic Affairs)

A/P Keng Siong Beng
Assistant Dean (Clinical Affairs)



Department of
Oral & Maxillofacial Surgery



A/P Yeo Jin Fei
Head of Department



Prof Loh Hong Sai
Professorial Fellow



A/P Cao Tong
Associate Professor



Dr Victor Fan Tai Weng
Assistant Professor

Department of Oral & Maxillofacial Surgery



Adj A/P N. Ravindranathan
Adjunct Associate Professor



Dr Ho Kok Sen
Adjunct Assistant Professor



Dr Aidan Yeo Choon Poh
Adjunct Assistant Professor



Dr Xu Liqun
Visiting Senior Fellow

Department of
Preventive Dentistry



A/P Grace Ong Hui Lian
Head of Department



A/P Lim Lum Peng
Associate Professor



A/P Kelvin Foong Weng Chiong
Associate Professor



A/P Stephen Hsu Chin-Ying
Associate Professor



Dr Marlene Teo
Assistant Professor

Department of Preventive Dentistry



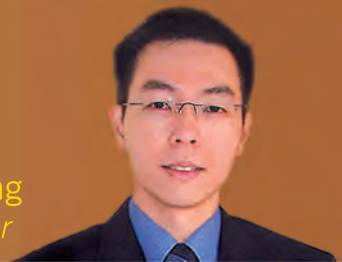
Dr Betty Mok Yuen Yue
Senior Lecturer



Dr Fu Jia Hui
Dental Instructor



Adj A/P Teresa Loh-Lee Woon Oi
Adjunct Associate Professor



Dr Arthur Lim Chong Yang
Adjunct Assistant Professor



Prof Toshio Deguchi
Visiting Professor

Not in the picture - Dr Tong Huei Jinn *Dental Instructor*

Department of
Restorative Dentistry

A/P Jennifer Neo
Head of Department



Prof Chew Chong Lin
Professor



A/P Keng Siong Beng
Associate Professor



A/P Keson Tan Beng Choon
Associate Professor



A/P Varawan Sae-Lim
Associate Professor



Department of Restorative Dentistry



A/P Hien-Chi Ngo
Associate Professor



Dr Anil Kishen
Assistant Professor

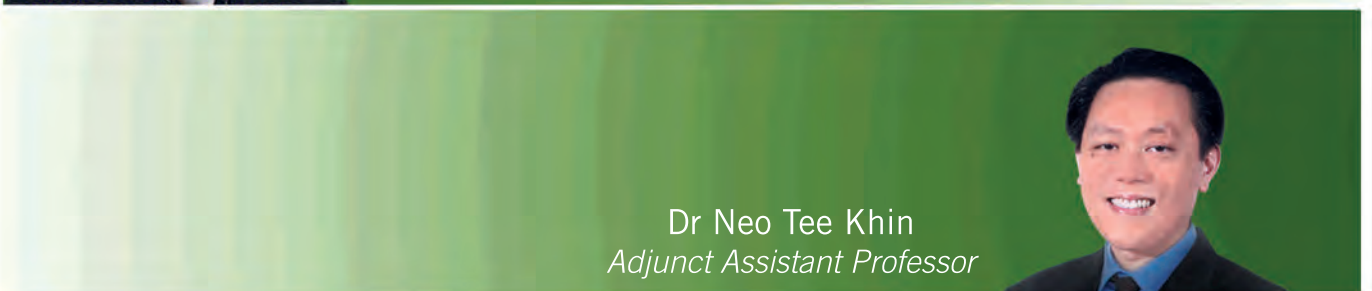
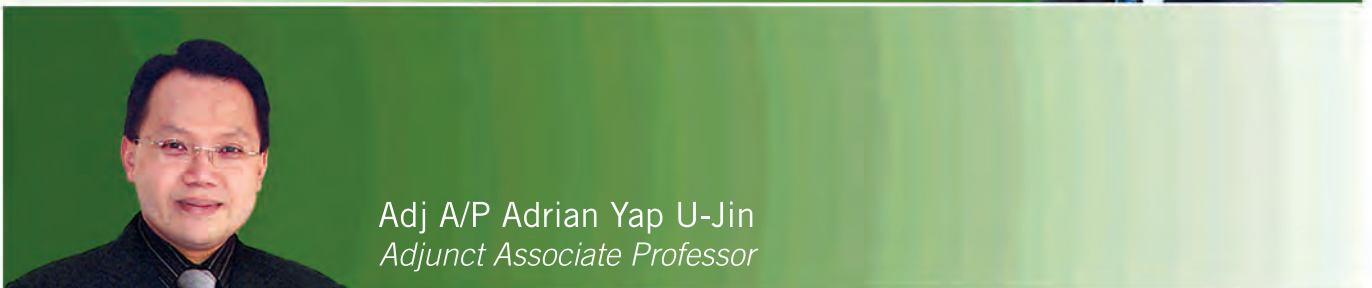
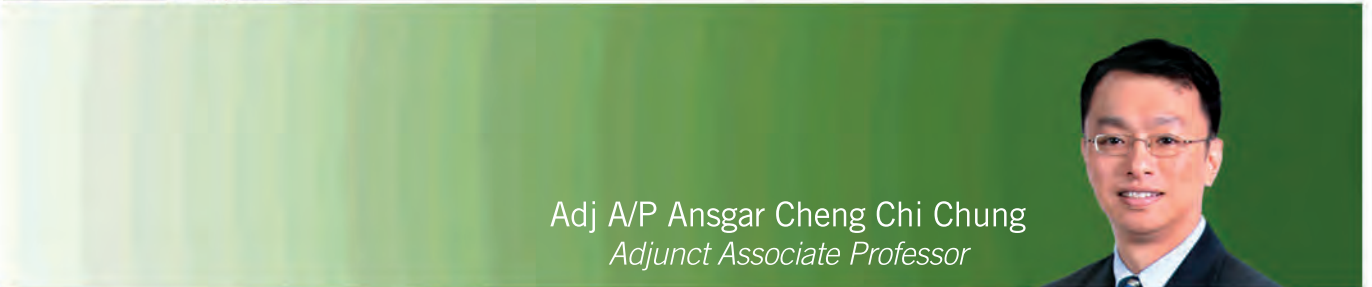


Dr Joanne Uy
Assistant Professor



Dr Hilary Thean Pik Yen
Senior Lecturer

Department of
Restorative Dentistry



Initiatives

Highlights of The Year



“The faculty continues to work towards its vision & mission through further development of its strategic plans”

Initiatives

Highlights of The Year

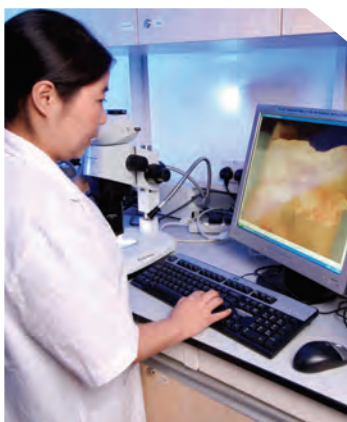


FACULTY'S STRATEGIC PLANS An Update

Faculty had identified its main strategic priorities:

- **Research**

Building on key research strengths, the Faculty's research focus was channeled through these 3 centres/units: Centre for Craniofacial and Regenerative Biology (CCRB), Dental Biophotonics and Biomaterials Programme (DBBP) and Craniofacial Clinical Research Unit (CCRU).



- **Graduate Residency Training Programmes**

In support of the Faculty's objective to be a regional centre for clinical specialty training, the Faculty had increased its intake of residents for its full time programme starting with MDS (Orthodontics) programme. The intake was increased from 3 to 6 residents from AY2006.

- **Centre for Advanced Dental Education**

To raise the profile of dental education, the newly established Centre for Advanced Dental Education (CADE) conducted its inaugural 2-year part time course leading to the Graduate Diploma in Dental Implantology (GDDI). This inaugural year saw two intakes of 6 students each. Subsequently, there will be only one batch of intake per academic year.

Initiatives

Education



Singapore's transition into a knowledge-based economy requires strong global orientation & places new demands on the university & its graduates.



First Intake of GDDI Students

The Centre for Advanced Dental Education (CADE) is one of the Faculty's new strategic initiatives. Established in July 2006, CADE is headed by Professor Chew Chong Lin as Director. Its aim is to provide dental professionals with quality continuing education through courses and programmes.



The Graduate Diploma in Dental Implantology is the first graduate diploma programme offered by the centre. This programme is timely as there is a demand for training in the area of dental implants due to an increase in awareness. Students will be equipped with the knowledge and skill to provide surgical and restorative treatment in implant dentistry. The 2-year part-time programme commenced in January 2007 and six students were accepted for the first intake.

NUS-SDA Distinguished Speaker Programme – Prof Monty Duggal



The NUS-SDA Distinguished Speaker Programme is a joint project of NUS and Singapore Dental Association (SDA) to engage internationally renowned and outstanding clinicians to conduct education programmes for the dental profession.

This year saw Professor Monty Duggal from Leeds Dental Institute as the 7th Distinguished Speaker. Professor Duggal is the head of the Division of Paediatric Dentistry at Leeds. The theme of his lecture was “Paediatric Dentistry in the New Millennium: Providing Children with the Quality Dental Care they Deserve”.

Lecture topics:

- Management of the Difficult Child Patient
- Prevention and Treatment of Childhood Caries
- Update of Pulp Therapy in Children
- Management of Dental Trauma in Children





Student Exchange Programme

In September 2006, 29 of our Third and Fourth Year students went on a 2-week attachment to the following overseas dental institutions:

| Overseas Dental School | Number of Students |
|---|--------------------|
| University of Adelaide, Australia | 2 |
| University of Melbourne, Australia | 4 |
| Tokyo Medical and Dental University, Japan | 6 |
| Beijing University School of Stomatology, PRC | 7 |
| Guy's, King's & St Thomas' Dental Institute, United Kingdom | 2 |
| Karolinska Institute, Sweden | 3 |
| University of North Carolina, USA | 5 |



A total of seven students benefited from sponsorship from dental companies (KaVo Dental, Shofu Inc, Dentsply Asia), the Royal Australasian College of Dental Surgeons, and the Office of Alumni Relations.

The faculty also played host to 30 international dental students who visited our dental school within the Academic Year 2006/2007. They were mainly from Australia, Hong Kong, United Kingdom and Korea.

Nanyang Polytechnic (NYP) Training Attachment

On November 2006, a training agreement was signed between the Faculty of Dentistry, NUS and the School of Health Sciences, NYP which aimed to provide Dental Hygiene and Therapy students with clinical education and exposure to patients at clinical training sessions conducted by NUS for its undergraduate students. The exposure includes observation of dental procedures and assisting and supporting the dental undergraduate students in relevant clinical procedures.

Courses / Lectures / Workshops

| Date | Event Name(s) / Lecture Title(s) | Speaker(s) |
|----------------|--|--|
| 19 August 2006 | Cadaveric Dental Implant Course | Dr Victor Fan Dr Ho Kok Sen Dr Aidan Yeo Dr Chan Siew Luen Dr Myra Elliott |
| 20 August 2006 | Cadaveric Dissection Course Surgical Approaches of the Maxillofacial Skeleton | Dr Victor Fan Dr Xu Liqun Dr Aidan Yeo Dr Myra Elliott Dr Chan Siew Luen |

Courses / Lectures / Workshops

| Date | Event Name(s) / Lecture Title(s) | Speaker(s) |
|-------------------|---|---|
| 22 August 2006 | Contemporary Issues in the Management of Dental Caries | Dr Tay Wei Ming |
| 29 September 2006 | Periodontal Microsurgery Workshop | Assoc Prof Gernot Wimmer Assoc Prof Christof Pertl |
| 2 October 2006 | Dental Management of Head & Neck Cancer Patients | Dr Vinod Joshi |
| 4 January 2007 | Restoration of endodontically treated teeth | Prof Steven Morgano |
| 18 January 2007 | Update on trends in PG Prosthodontic Teaching | Prof Steven Morgano |
| 19 January 2007 | The multidisciplinary approach to management of oral and maxillofacial trauma – the interface of medical and dental professionals | Prof Jens Andreasen |
| 23 January 2007 | Implants and Transplant Use After Tooth Loss | Prof Jens Andreasen |
| 25 January 2007 | High Molecular Weight Hyaluronic Acid : Outcome of Clinical Experience & Research on a Rabbit Study Model | Prof Michael Ong Ah Hup |
| 29 January 2007 | Medicolegal Aspects of Nerve Injuries in Third Molar Surgery | Prof John R Zuniga |
| 30 January 2007 | Oral Implants in Resorbed or Thin Bone of Older and Elderly Patients for a Beautiful Smile and Eating Enjoyment | Prof Michael Ong Ah Hup |
| 2 February 2007 | The Complex Issues Involved in Evaluating Treatment Outcome in Orthodontic Randomized Clinical Trials | Prof Murray Meikle |
| 2 February 2007 | Diabetes As A Risk Factor For Periodontal Disease | Prof Niklaus Lang |
| 6 February 2007 | Systemic Factors Affecting The Periodontium | Prof Niklaus Lang |
| 9 February 2007 | Extract Or Preserve? | Prof Niklaus Lang |
| 10 February 2007 | Diagnosis & Management of Peri-Implant Complications | Prof Niklaus Lang |
| 2 March 2007 | Caries Infiltration – A New Approach to Micro-Invasive Dentistry | Dr Meyer-Luckel |
| 8 March 2007 | The Tooth as a Sensory Organ | Prof Harold Messer |
| 15 March 2007 | What is Endodontics All About? | Prof Harold Messer |
| 15 March 2007 | Endodontics vs Implants – Is there a contest? | Prof Harold Messer |
| 5 April 2007 | Self Hypnosis | Dr Judith Chapman |
| 16 April 2007 | Dental Anomalies in Children | Prof Monty Duggal |
| 17 April 2007 | Current Protocols For Managing Medically-Compromised Children | Prof Monty Duggal |
| 17 April 2007 | Changing Trends in Dental Disease Prevalence in Children; Challenges in the Clinical Management | Prof Monty Duggal |
| 15 May 2007 | Predicting and Preventing Root Resorption | Prof Peter Sinclair |

Initiatives

Education



2nd Faculty of Dentistry Symposium

The 2nd Faculty of Dentistry Symposium was held on 13 to 14 January 2007 at the Grand Copthorne Waterfront Hotel, Grand Ballroom. A total of 280 dentists, both local and overseas attended the lectures delivered by distinguished international and local speakers.

| Lecture Title(s) | Speaker |
|---|------------------------------|
| <ul style="list-style-type: none"> • Treatment of Periodontal Infections • Role of Periodontal Regeneration • Save the Tooth or Place an Implant in the Periodontal Patient? • Periodontal Aesthetics | <i>Prof Maurizio Tonetti</i> |
| <ul style="list-style-type: none"> • Management of Endodontically Treated Teeth • Biomechanical principles of occlusion | <i>Prof Steven Morgano</i> |
| <ul style="list-style-type: none"> • Complaints, Complaints, Complaints – What, Why and How? | <i>Prof Chew Chong Lin</i> |
| <ul style="list-style-type: none"> • Drug Interaction in Dentistry | <i>Dr Victor Fan</i> |



11th NUS Clinical Dentistry Symposium

The 11th NUS Clinical Dentistry Symposium was held on 27 May 2007 at the Faculty Auditorium. This event was co-organized by the Centre for Advanced Dental Education and NUH Dental Centre.

The one-day symposium involved three international speakers – Professors Tateyuki Iizuka, Goran Dahllof, and Carl Driscoll, and three of the faculty - Assoc Prof Jennifer Neo, Dr Marlene Teo and Dr Joanne Uy. The speakers shared their expertise and clinical experiences on a variety of topics ranging from Oral and Maxillofacial Surgery, Paediatric Dentistry, Periodontics, to Restorative Dentistry and Dental Materials.



| Lecture Title | Speaker |
|--|-------------------------------------|
| Jaw Bone Regeneration and Reconstruction for Implant-supported Oral Rehabilitation | <i>Professor Tateyuki Iizuka</i> |
| Treatment of Gingival Recession with Mucogingival Therapy | <i>Dr Marlene Teo</i> |
| Management of Oral Health in Children with Chronic Health Conditions or Disabilities | <i>Professor Goran Dahllof</i> |
| Root Canal Treatment of Teeth with Full Coverage Restorations: Through the Crown or a New Crown? | <i>Dr Joanne Uy</i> |
| Dentine Bonding in 2007 | <i>Assoc Professor Jennifer Neo</i> |
| Attachments in Prosthodontics | <i>Professor Carl Driscoll</i> |

Student Scholarships:

| Award | Student(s) |
|-----------------------------------|--|
| BDS'71 Scholarship (AY 2006/2007) | Dr Chng Si'en, Tabitha Dr Lih Wei Song |
| President Graduate Fellowship | Mr Toh Wei Seong – PhD Research Scholar with the Department of Oral & Maxillofacial Surgery Mr Zhang Yu – PhD Research Student with the Department of Restorative Dentistry |



NUS Student Achievement Award for Distinguished Leadership

Student Achievements

Undergraduate

Dr Boey Mao Jie, who recently graduated this July 2007, was awarded the NUS Student Achievement Award for Distinguished Leadership on 27 October 2006 at the NUS Guild House. He was also awarded the Baden-Powell Award, which is the highest award a scout can attain as a youth member. He received the award from President SR Nathan at the Istana on 22 February 2007. In addition, he also won the prestigious National Youth Achievement Award for the Year 2005-2006, for his commitment towards community service, skills, physical recreation, adventurous journey and residential project. He was presented the Gold Award by President SR Nathan on 5 October 2006.

Postgraduate

Dr Ge Zigang, a postdoctoral fellow, has been awarded the Singapore Millennium Foundation Postdoctoral Fellowship (SMF PDF). The award ceremony was held on 25 August 2006 at the Raffles Hotel.

Initiatives

Research



NUS must be more NIMBLE in creating an environment that attracts the best people and allows them to realise their full potential.

Initiatives

Research



Cranio-facial Clinical Research Unit

The Cranio-facial Clinical Research Unit (CCRU) was established as part of the Faculty's strategic plan to be 'a dental institution of international distinction'. The CCRU coordinates and consolidates clinical research, and facilitates the interaction between clinicians and basic scientists. This unit will also provide a well controlled setting for translational research and engage industry partners for collaborative research. Some of the ongoing and upcoming clinical trials are:

Primary Investigator: Dr Victor Fan

Project: Radiographic Assessment of Bone Regeneration in Alveolar Sockets with Scaffold after Teeth Extraction

Funding Source: Bio-Scaffold International Pte Ltd

Primary Investigator: Assoc Prof Kelvin Foong

Project: Clinical Trial to Evaluate Fibre Composite Archwires in Orthodontic Treatment

Funding Source: BioMers Pte Ltd

Primary Investigator: Assoc Prof Lim Lum Peng

Project: Alveolar Ridge Preservation with Polycaprolactone Scaffold Compared to Extraction Alone for Implant Site Development: A Clinical, Radiographic and Histologic Study in Humans

Funding Source: Academic Research Fund



MOU with Peking University

The Faculty of Dentistry signed a Memorandum of Understanding with Peking University, School of Stomatology on 8 March 2007. The agreement serves to promote academic exchanges and research collaborations in areas of oral and maxillofacial surgery, stem cell and tissue engineering, regeneration research and 3-dimensional research development.

Initiatives

Clinical Service



A University-wide Strategy Review has charted the path forward with milestones and strategic objectives to steer the University towards meeting the challenges of an increasingly competitive global landscape and achieving our collective vision of being one of the **LEADING** public universities in the world.



Initiatives

Clinical Service



Starting from the left, Dr. Tay Li Chye, Dr. Ng Yuk Ching, Dr. Lim Siow Hooi, Mrs Andreasen, Prof Andreasen, A/P Varawan Sae-Lim, Dr. Andy Lim Toh Seong, Dr. Chung Tze Onn and Dr. Annam R Geetha.

HMDP Visiting Expert 2007 Professor Jens Andreasen

Professor Jens Ove Andreasen was invited under the auspices of the HMDP Visiting Expert program by the Department of Restorative Dentistry, NUH for the period of 15 to 26 January 2007. An oral surgeon by training, he professed knowledge in Endodontics, Orthodontics, Periodontics, Prosthodontics and Pedodontics, and the multidisciplinary approach to dental trauma.

During his two week stay in Singapore, Professor Andreasen visited many hospitals and lectured on the various topics of dental traumatology which included the NUH Grand Round lecture on “The multidisciplinary approach to management of oral & maxillofacial trauma – the interface of medical & dental professionals”, and the Academy of Medicine, Visiting Academician Lectureship lecture on “Implants and transplant use after tooth loss”.



Refurbishment of GPU

Facilities and Renovations

Major renovations were made to the General Practice Unit (GPU) this academic year. GPU underwent renovations to increase the number of dental clinical units and operatory rooms.

Initiatives

Clinical Service



NUH Dental Health Month

The Dental Health Month aims to create awareness in Dental Health amongst the public and staff in NUH/NUS. A series of 8 lunchtime talks were held in the Health Education Hub every Tuesday and Thursday in the month of April 2007.

| Topic | Speaker |
|--|--------------------------------|
| Do your Dentures Fall Out? | <i>Dr Hillary Thean</i> |
| All I want for Christmas is my two front teeth | <i>Dr Chin Shou King</i> |
| Ugly Braces-What can you do about it ? | <i>Dr Ong Hoe Boon</i> |
| Bad Breath - What can you do about it ? | <i>Assoc Prof Lim Lum Peng</i> |
| Shop for a new face - with Jaw Surgery | <i>Prof Loh Hong Sai</i> |
| Restoring Missing Teeth: When, Why & How ? | <i>Dr Joanne Uy</i> |
| Straight Talk - What Braces Can do | <i>Dr Geraldine Oh</i> |
| Diagnosis & Treatment of Oral Cancer | <i>Dr Xu Liqun</i> |

Mouth Cancer Awareness Campaign



The Mouth Cancer Awareness Week was held from 13 to 19 November 2006 and was jointly organized by the Association of Oral and Maxillofacial Surgeons and Department of Oral and Maxillofacial Surgery, Faculty of Dentistry. The aim of the campaign was to raise awareness of mouth cancers and to provide relevant information to both patients and health care professionals.

During the week several local as well as international speakers gave public lectures on various aspects of oral cancer, including dental care. There were free dental and mouth cancer screenings offered by over 30 participating dental clinics, including the Department of Oral and Maxillofacial Surgery in NUS. A poster exhibition in the Department showed health information on oral cancer. There was also radio, television and newspaper coverage in both Chinese and English papers.



| Date | Topic | Speaker(s) |
|-----------|------------------------------------|---|
| 13 Nov 06 | Dental Care for the Cancer Patient | Dr Elizabeth Coates |
| 15 Nov 06 | Facts on Oral Cancer | Dr Victor Fan |
| 17 Nov 06 | Facts on Oral Cancer | Dr Xu Liqun |
| 18 Nov 06 | Public Forum on Mouth Cancer | Dr Victor Fan Dr John Low Dr Wen Son Hsieh Miss Yusnita Bte Omar Miss So Hwee Mei Mr Isaac Sia Mr Yap Soon Soon |

Initiatives

Clinical Service




Exercise SparrowHawk II

The Faculty of Dentistry, together with National University Hospital Dental Centre, participated in Exercise Sparrowhawk II last 21 to 22 July 2006. The exercise was conducted as part of Singapore's Pandemic Flu Readiness Plan, and it involved a mock flu outbreak. All staff, students and patients were involved in the two-day exercise.



Initiatives

Global Profile



Arising from the strategic plans charted for the medium and long term, the Faculty will embark on **STRATEGIC** initiatives for expansion in advanced dental education and focused high impact research activities.

Leadership Positions in International & Regional Organisations

| Name | Designation(s) | Organisation(s) | Period of Appt |
|---------------------|------------------------------------|--|--------------------|
| Dr Anil Kishen | Secretary | International Association for Dental Research (IADR) Singapore Section | 2005 - Feb 2006 |
| | Vice Chairman | Singapore Chapter of the International Society of Optical Engineering (SPIE) | 2005 - present |
| | President | International Association for Dental Research (IADR) Singapore section | Mar 2006 - present |
| Dr Betty Mok | Board of Directors | Pediatric Dentistry Association of Asia | 2002 - 2006 |
| Prof Chew Chong Lin | Member, Executive Committee | Prosthodontic Society (Singapore) | 1991 - present |
| A/P Kelvin Foong | Treasurer | IADR Southeast Asian Division Council | |
| A/P Keng Siong Beng | President | South East Asia Association for Dental Education (SEAADE) | 2004 - 2006 |
| Prof Loh Hong Sai | Immediate Past President | International Society for Lasers in Dentsity | 2004 - 2006 |
| | Life member | International Society for Lasers in Dentistry | 2006 - present |
| Dr Marlene Teo | Secretary | Society of Periodontology (Singapore) | 2006 - 2007 |
| Prof Toshio Deguchi | Chair of the Asian Region | American Association of Orthodontics Foundation | 1992 - present |
| Dr Joanne Uy | Treasurer | International Association for Dental Research (IADR) Singapore section | 2007 - present |
| | Secretary | Prosthodontic Society (Singapore) | 2007 - present |
| A/P Varawan Sae-Lim | Hon Secretary | South East Asia Association for Dental Education (SEAADE) | 2004 - 2006 |
| A/P Yeo Jin Fei | Dental Regional Advisor (Overseas) | Faculty of Dental Surgery, RCS Edinburgh Section 24 (Singapore & Indonesia) | 1999 - 2006 |
| | Regent | International College of Dentists | 2005 - present |

Initiatives

Global Profile

Board Membership in Government Agencies

| Name | Organisation(s) |
|---------------------|--|
| A/P Keson Tan | Chairman, Accreditation Committee of the Singapore Dental Council Member, Singapore Dental Council |
| A/P Yeo Jin Fei | Member, Singapore Dental Council |
| Prof Chew Chong Lin | Member, Continuing Professional Committee, Singapore Dental Council. Member, Dental Specialist Committee, Singapore Dental Council. |

Visiting Professors

- Prof Steven Morgano (Dept of Restorative Dentistry, 3 January to 1 February 2007). He is currently Director of the Division of Postdoctoral Prosthodontics & Professor of Restorative Sciences and Biomaterials at Boston University, USA.
- Prof Murray Meikle (Dept of Preventive Dentistry, 15 January to 9 February 2007). He is currently the Head of the Discipline of Orthodontics and Professor in the Department of Oral Sciences, School of Dentistry, University of Otago.
- Prof Jack Nicholls (Dept of Restorative Dentistry, 15 January to 31 March 2007). He was formerly Professor in Restorative Dentistry (Research Scientist) in the University of Washington, USA.
- Prof Niklaus Lang (Dept of Preventive Dentistry, 21 January to 17 February 2007). He is currently a Professor and Director of the Department of Periodontology and Fixed Prosthodontics, School of Dental Medicine, University of Berne, Switzerland.
- Prof Harold Messer (Dept of Restorative Dentistry, 2 February to 23 March 2007). He is currently Professor

Visitors to Faculty

Meenakshi Ammal Dental College

- Dr E Munirathnam Naidu, Vice Chancellor of the Meenakshi Ammal Dental College in Chennai, India visited the Faculty on 21 July 2006 to learn our Electronic Patient Record System (EXACT).
- Dr Amir Zargarzadeh, Director of Bureau of Scientific and International Affairs, Iran, visited the Faculty on 2 August 2006. He was interested in research activities and toured our Faculty teaching and research facilities.

Centro Escolar University

- Dr. Rowena Mercado (Division Chair, Clinical Dentistry Division), Dr. Felipe Wilfredo Espineli (Coordinator, Oral Diagnosis Section) and Dr. Mariedios M. Tancio from the College of Dentistry, Centro Escolar University visited the Faculty on 19 October 2006 for an educational exchange.
- Dr David C. Alexander (Director of Worldwide Dental Affairs, GlaxoSmithKline) visited the Faculty of Dentistry on 27 October 2006 to discuss possible research collaborations.
- Dr Peter E Murray, Assistant Professor from Nova SouthEastern University, USA visited the Faculty on 4 December 2006 and delivered a talk on “Advances in Dental Stem Cell Therapies”.
- Dr Lisa A. Harpenau visited the Faculty clinics and laboratories on 6 December 2006. She is an Associate Professor in Periodontics from the University of the Pacific, Arthur A. Dugoni School of Dentistry, San Francisco, USA.

Initiatives

Global Profile

Visitors to Faculty

- Dr Shiva Shanker visited the Faculty on 27 December 2006. He is the Graduate Program Director and also a Clinical Associate Professor in the College of Dentistry, Ohio State University.
- Prof Jens Ove Andreasen was invited as the HMDP Visiting Expert to the Faculty of Dentistry from 15 to 27 January 2007. Prof Andreasen is affiliated with Department of Oral and Maxillofacial Surgery, University Hospital (Rigshospitalet) in Copenhagen, Denmark.

National Taiwan University

- Prof Lin Chun-Pin, Dean of National Taiwan University, visited the Faculty and the dental research laboratories at the DSO building on 23 January 2007. The visit was part of the strategic plan of the Craniofacial Clinical Research Unit initiated by A/P Jennifer Neo. Representatives from Dentsply Asia were also invited to the event.
- Prof John R. Zuniga visited the Faculty on 29 January 2007 and gave a public lecture on Medicolegal aspects of Nerve Injuries in Third Molar Surgery as part of the HMDP Visiting Expert Programme. He is the Professor and Chair of the Department of Oral & Maxillofacial Surgery, University of Texas Southwestern Medical Center.
- Professor Minoru Ueda, Chairman of the Department of Oral Surgery, Nagoya University School of Medicine and Professor at the Department of Stem Cell Engineering Institute of Medical Science, University of Tokyo visited the Faculty from 13 to 15 February 2007. He delivered a lecture on “Tissue Engineering and Anti-aging Therapy – Alveolar Ridge and Skin Regeneration” on 14 February 2007.

University Science Malaysia

- Prof Rusli Nordin (Deputy Dean, Research & Graduate Studies) and Dr Zainul Ahmad Rajion (Postgraduate Coordinator) from the School of Dental Sciences, University Science Malaysia visited the Faculty on 27 February 2007. The purpose of this visit was to discuss possible areas of collaboration in research and graduate studies.
- Dr Judith Chapman was invited as an Academic Visitor by the Department of Oral & Maxillofacial Surgery from 20 to 30 March 2007. Dr Chapman is a senior medical practitioner in Glasgow with a long standing interest in hypnosis and psychosomatic medicine. She recently started working for the Dental Hospital in Glasgow in the Dental Anxiety Clinic and is also responsible for teaching general medicine to dental students. She also gave a lecture on “Self Hypnosis” on 5 April 2007.
- Dr Deng Xuliang joined the Faculty as a Visiting Scholar from 15 April 2007 to 14 April 2008. Hailing from Peking University, Dr Deng will undertake human embryonic stem cells and tissue engineering study with Assoc Prof Cao Tong.

Masaryk University and Institute of Biophysics

- Professor Jiri Vanek of the Department of Stomatology, Masaryk University and Dr Vladimiv Vetterl of Institute of Biophysics, Academy of Sciences of the Czech Republic paid an impromptu visit at our Faculty on 19 April 2007. They were interested in our undergraduate and postgraduate programmes and visited our teaching facilities.

Initiatives

Facts & Figures



The faculty continues to forge FORWARD with its research mission. External recognition of the quality of research is evident in the research prizes and awards won at national and international levels.

Initiatives

Facts & Figures

Student Enrolment

UNDERGRADUATE

| Year of Study | Enrollment |
|---------------|------------|
| 1 | 42 |
| 2 | 34 |
| 3 | 34 |
| 4 | 34 |
| Total | 144 |

POSTGRADUATE (CLINICAL SPECIALTIES)

| Specialisation | Year 1 | Year 2 | Year 3 | Total |
|------------------------------------|-----------|-----------|----------|-----------|
| MDS (Endodontics) | 3 | 2 | 1 | 6 |
| MDS (Oral & Maxillofacial Surgery) | 2 | 3 | 1 | 6 |
| MDS (Orthodontics) | 6 | 3 | 4 | 13 |
| MDS (Periodontics) | 2 | 3 | 0 | 5 |
| MDS (Prosthodontics) | 4 | 1 | 1 | 6 |
| Total | 17 | 12 | 7 | 36 |

POSTGRADUATE (RESEARCH)

| | |
|--------------|----------|
| MSc | 5 |
| PhD | 3 |
| Total | 8 |

Graduation Statistics

Number of students conferred their respective degrees for completion of study in Academic Year 2006/2007 are:

| | |
|------------------------------------|------------|
| BDS | 144 |
| MDS (Endodontics) | 1 |
| MDS (Oral & Maxillofacial Surgery) | 1 |
| MDS (Orthodontics) | 4 |
| MDS (Periodontics) | 0 |
| MDS (Prosthodontics) | 1 |
| MSc | 7 |
| PhD | 6 |
| Total | 164 |

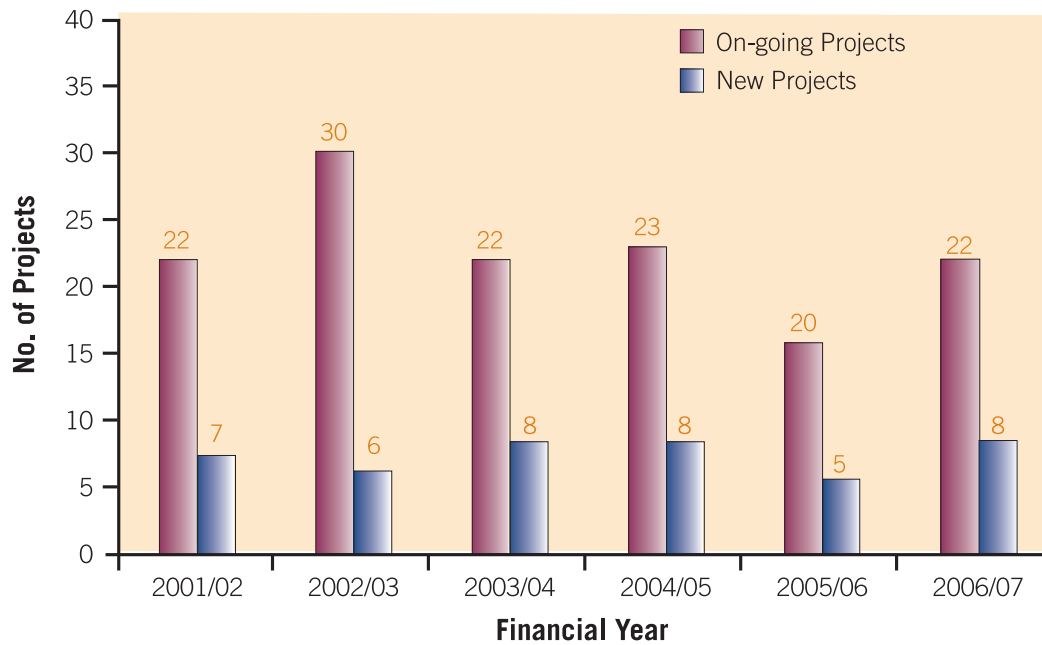
BMS/PART I MDS Examination Statistics

In Academic Year 2006/2007, the Faculty accepted 8 students for the BMS course and 17 candidates sat for the corresponding Part I MDS Examination (total from two sittings).

| Acad Year | BMS Course | | Part 1 MDS Exam | |
|-----------|------------|---------|-----------------|---------|
| | Residents | Private | Resident | Private |
| 2002 | 3 | 4 | 3 | 7 |
| 2003 | 4 | 3 | 4 | 4 |
| 2004 | 4 | 6 | 4 | 4 |
| 2005 | 5 | 5 | 4 | 6 |
| 2006 | 1 | 7 | 5 | 12 |

Research Grant Awarded

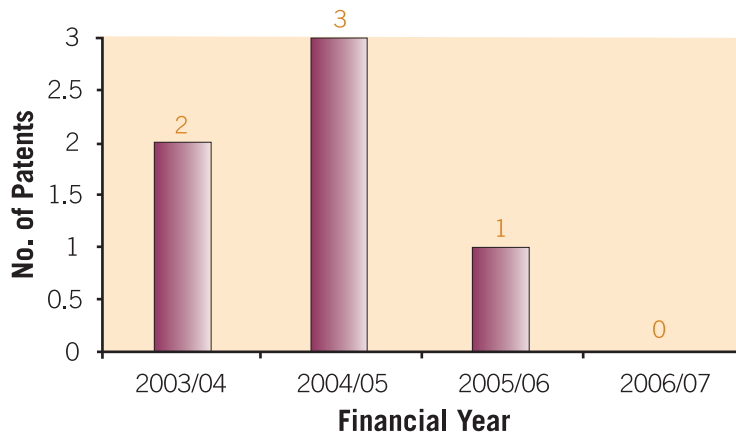
NUMBER OF NEW RESEARCH GRANTS AND ON-GOING RESEARCH PROJECTS SUPPORTED IN FINANCIAL YEAR 2001-2006



Initiatives

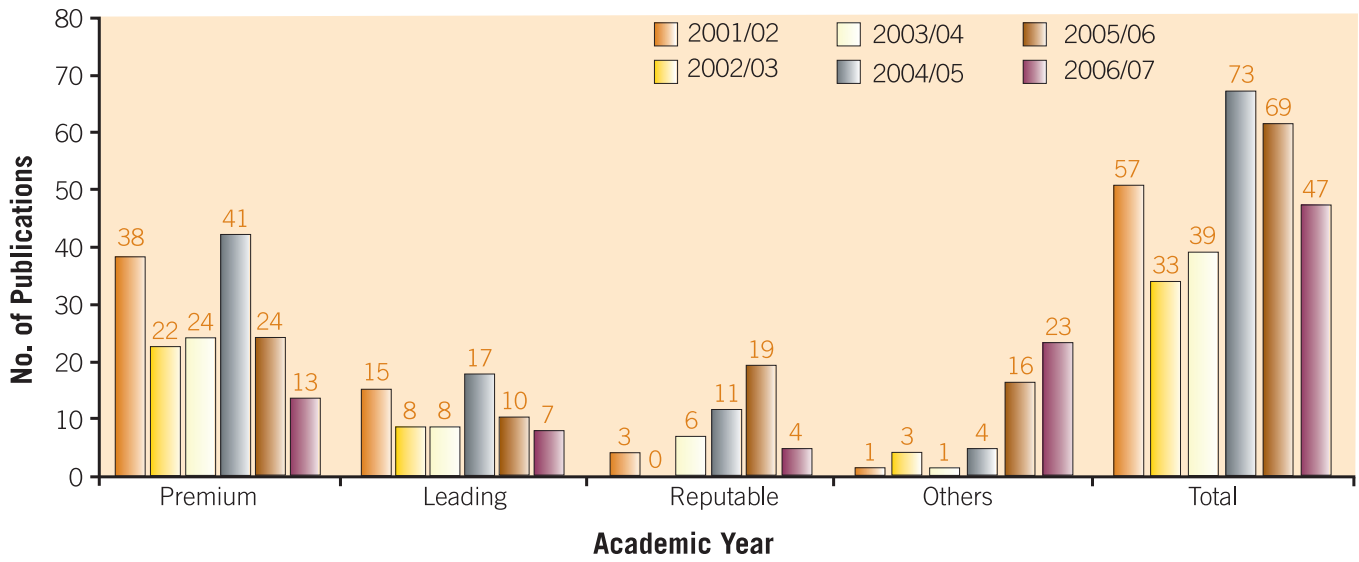
Facts & Figures

Patents Awarded



Faculty Publication Numbers

NUMBER OF REFEREED PUBLICATIONS FOR FINANCIAL YEAR 2001-2006



Editorial Board Memberships

| Staff | Journal(s) | Position(s) Held | Journal Tier |
|---------------------|---|---|--|
| Prof Chew Chong Lin | Journal of Dentistry | Editorial Board Member | Premium |
| Prof Toshio Deguchi | American Journal of Orthodontics & Dentofacial Orthopedics The Angle Orthodontist | Editorial Review Board Editorial Board Member | Premium Leading |
| A/P Kelvin Foong | Singapore Dental Journal | Section Editor | Reputable |
| A/P Hien Chi Ngo | Journal of Dentistry Oral Health & Preventive Dentistry | Editorial Board Member Editorial Board Member | Premium Others |
| A/P Keng Siong Beng | Singapore Dental Journal | Editorial Reviewer | Reputable |
| Dr. Anil Kishen | Singapore Dental Journal Optics & Lasers in Engineering Journal of Applied Oral Science Open Dentistry Journal | Section Editor Editorial Board Member Editorial Board Member Editorial Board Member | Reputable Leading Others Others |
| A/P Lim Lum Peng | Singapore Dental Journal Hong Kong Dental Journal Oral Health & Preventive Dentistry | Editorial Reviewer Editorial Adviser Editorial Board Member | Reputable Others Others |
| Prof Loh Hong Sai | Singapore Dental Journal | Section Editor | Reputable |
| A/P Jennifer Neo | Journal of Dentistry Journal of Operative Dentistry Quintessence International | Editorial Board Member Editorial Board Member Editorial Board Member | Premium Premium Leading |
| A/P Grace Ong | European Journal of Dental Education | Editorial Board Member | Leading |
| A/P Varawan Sae-Lim | Dental Traumatology Journal of Endodontics Journal of Periodontology Singapore Dental Journal | Editorial Board Member Editorial Board - Scientific Advisory Panel Editorial Reviewer Editorial Reviewer | Premium Premium Premium Reputable |
| A/P Keson Tan | Journal of Oral Rehabilitation Singapore Dental Journal | Editorial Board Member Editorial Reviewer | Leading Reputable |
| Dr. Joanne Uy | Singapore Dental Journal | Editorial Reviewer | Reputable |
| A/P Yeo Jin Fei | Singapore Dental Journal | Editorial Reviewer | Reputable |

Initiatives

Facts & Figures

Space & New Facilities

In a continuing effort to improve staff welfare, the staff lounge was renovated recently. The renovations involved the replacement of old lockers, chairs, meeting tables and workstations. The Dean's Office was also expanded to create more space and accommodate more staff.

Staff profile - Academic

| Full Time Faculty (as at March 2007) | |
|--|------------|
| Assistant Professor | 5 |
| Associate Professor | 11 |
| Professor | 1 |
| Professorial Fellow | 1 |
| Visiting (>6mths) | 2 |
| Senior Lecturer | 2 |
| Dental Instructor | 1 |
| Part Time Faculty (as at March 2007) | |
| Adjunct Staff | 8 |
| Clinical Faculty Scheme - Restructured Hospitals | 31 |
| Part Time Appointments - Private Practitioners | 88 |
| Total | 150 |

Staff profile - Administrative, Professional and Non Academic

| Work Area | Designation | No. of Staff |
|-----------------------|-----------------------------|--------------|
| Laboratory | Laboratory Officer | 12 |
| Dental Clinics | Technical Support Officer | 1 |
| | Laboratory Officer | 3 |
| IT Support | Dental Support Officer | 2 |
| | Operational Support Officer | 4 |
| | IT Professionals | 4* |
| | Technical Support Officer | 2 |
| Research Laboratories | Laboratory Officer | 1 |
| | Laboratory Officer | 1 |
| Office Administration | Administrative Officer | 5 |
| | Management Support Officer | 13 |
| | Operational Support Officer | 2 |
| Total | | 50 |

*Seconded from Computer Centre

Staff Achievements

Teaching Awards AY 2006/2007

Starting from 2007, the University is recognizing part-time teachers for their contribution towards teaching and hence, they may be eligible for the University teaching awards.

- Dr Betty Mok, Faculty Excellence in Teaching Award
- Dr Joanne Uy, Faculty Excellence in Teaching Award
- Dr Chew Ming Tak, Faculty Excellence in Teaching Award
- Dr Cheong Kim Yan, Faculty Excellence in Teaching Award

Research Achievements

Dr Gao Xiaoli, a PhD student in the Cariology Research Group under the supervision of A/Prof Stephen Hsu was selected as one of the recipients of the IADR Lion Dental Research Award for Junior Investigators. The award was given by the Behavioral Sciences & Health Services Research Group of the IADR in 22 March 2007.

Dr Liu Hua, a research fellow, was awarded by the RCI International Summer Program Organizing Committee to attend the RCI International Summer Program in Yokohama, Japan from 4 to 15 Sept 2006. RCI is The RIKEN Research Center for Allergy and Immunology, the first large research institution dedicated to allergy and immunology in Japan.

Dr Nyi Lay Maung, a Research Assistant, won the South East Asian Division Travel Award for his research poster presentation entitled "Role of Organic Matrix in Laser-Induced Retardation of Enamel Demineralization". The competition was held at the International Association for Dental Research (IADR) General Meeting held in Brisbane, Australia from 28 June to 1 July 2006. Dr Nyi will go on to compete for the IADR Unilever Hatton Award in the upcoming IADR/AADR General Session to be held in New Orleans, USA.

Dr Soh Jen, an Assistant Professor in the Department of Preventive Dentistry, received the European Orthodontic Society Best Poster Award at the 82nd Congress of the European Orthodontic Society held at the Hofburg Congress Centre, Vienna, Austria from 4 to 8 July 2006.

Student Scholarships, Awards or Honours

The following students were awarded the respective awards for their outstanding academic performance:

| 1ST Professional BDS Exam | |
|--|---------------------------|
| 1. Singapore Dental Association President's Medal (Bronze) | Mr Guay Shikun, Darryl |
| 2. TP Dental Surgeons Medal (Gold) | |
| 3. Wrigley Company Book Prize | |
| 4. Faculty of Dentistry Diamond Jubilee Medal (Gold) | Miss Lim Li Zhen |
| 5. NTUC Denticare Medal (Gold) | |
| 6. Singapore Dental Association President's Medal (Silver) | Miss Neo Huiqi, Stephanie |
| 7. Faculty of Dentistry Diamond Jubilee Medal (Gold) | |
| 8. Wrigley Company Book Prize | Mr Nurul Aizat B Zainudin |
| 9. Dept. of Oral & Maxillofacial Surgery Prize | Mr Tan Jian Xiong |

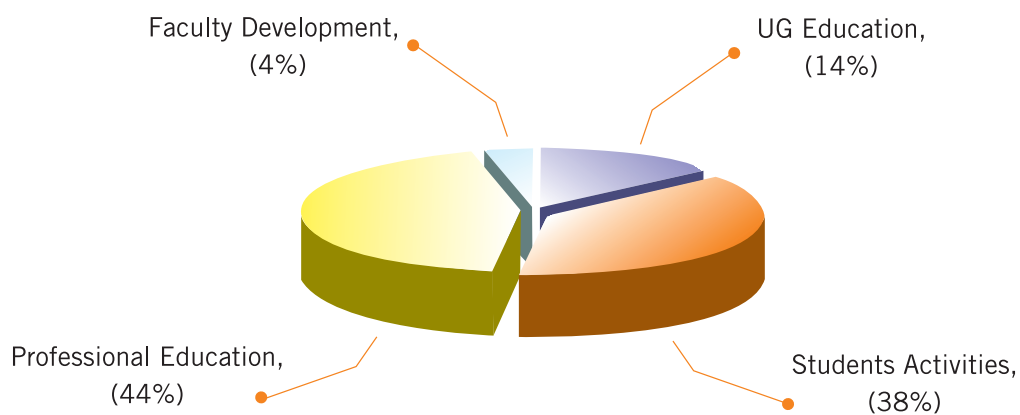
Initiatives

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| 2nd Professional BDS Exam | |
|--|-----------------------|
| 1.University Medal (Bronze) | Mr Chan Waiseng |
| 2.Academy of Medicine Medal (Pathology - Gold) | Mr Ng Jing Hao |
| 3.University Medal (Silver) | |
| 3rd Professional BDS Exam | |
| 1.Edmund Tay Mai Hiong Medal (Gold) | Mr Hu Shijia |
| 2.Singapore Dental Association Prize | |
| 3.Vellasamy Medal (Surgery – Silver) | |
| Final Professional BDS Exam | |
| 1.Dr F A C Oehlers Medal | Dr Chng Si'en Tabitha |
| 2.IFDEA Book Prize | |
| 3.University Medal (Bronze) | Dr Lim Wan Yi |
| 4.Lee Kuan Yew Gold Medal | |
| 5.Dr Loh Fun Chee Book Prize | Mr Lih Wei-Song |
| 6.Terrell Book Prize | |
| 7.TP Dental Surgeons Medal | |
| 8.Malaysian Dental Association Silver Medal | Mr Wu Shenhua |

Fund Allocation for Donations & Sponsorships received in Financial Year 2006

The Faculty received a total contribution of \$66,161.26 in donations and sponsorships for Financial year 2006.



Donations & Sponsorships received in Financial Year 2006

The Faculty of Dentistry gratefully acknowledges the contributions of the following donors and sponsors who made contributions to the Faculty in Financial Year 2006:

Student Development (Donation) Account \$1000 - \$4999

Dr Djeng Shih Kien
 Dr Ng Chin Siau
 Dr Thean Tsin Piao
 Dr Wong Keng Mun
 Lee & Lee (Dental Surgeons) Pte Ltd
 Singapore Dental Health Foundation
 NUS Dental Society

Student Development (Donation) Account < \$999

A Line Dental Surgery
 A/P Keng Siong Beng
 A/P Keson Tan Beng Choon
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 A/P Yeo Jin Fei
 Ace Dental Centre
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 Dr Basanti Sankaran & Associates
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 Dr Chen Jong
 Dr Cheng Chuo Fei Alfred
 Dr Chin Chi Oon Colin
 Dr Chua Peng Siong
 Dr Ghows & Associates
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 Dr Lee Chi Hong, Bruce
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 Dr Phng Hwee Leng , Mervin
 Dr Tan Shuh Chern
 Dr Tang Wing Kwong
 Dr Teresa Lee Woon Oi
 Dr Willy Chang Shian Wei
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 Eli Dental Surgery & Drug Store
 Family Dental Surgery
 Glory Dental Surgery
 H H Lee Dental Surgery
 Ho Dental Surgery
 Holland Village Dental Surgery
 Koh Dental Surgery Pte Ltd
 Koh Endodontic Clinic Pte Ltd
 Lee Dental Pte Ltd
 Lim Dental Surgery
 Meridian Dental Centre
 Nam Seng Dental Surgery
 Nanyang Dentist
 Poon & Phay Dental Surgegeons Pte Ltd
 Princeton Dental Surgery
 Prof Chew Chong Lin
 Rochor Dental Clinic
 Saw N Lee Dental Surgery

Sharon Dental Surgery
 Shenton Dental Surgery
 Si Hoe Dental Surgery
 Simply Endodontics Pte Ltd
 Singapore Dental Surgery
 Straits Dental Group
 Tay Dental Surgery
 Thong Hoe Dental Surgery
 Town Hall Dental Surgery
 TP Dental Surgeons Pte Ltd
 Unity Dental Surgery
 Universal Dental Group
 W.S. Go & Associates Pte Ltd
 Winston Dental Surgery
 Wong Ong & Partners Dental Surgeons

Student Bursaries

\$1000 - \$4999

Dr Henry Ho Kim Lung
 Dr Neo Tee Khin
 Dr Tan Kim Poon
 Q & M Dental Surgery

2nd Faculty of Dentistry Symposium

\$100 - \$5000

3M Technologies (S) Pte Ltd
 Dentsply Asia
 GC Asia Dental Pte Ltd
 Kavo Dental Supply
 Shofu Inc.
 Siemens Pte Ltd

FOD Development Fund

\$100 - \$2000

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 Cross Protection (S) Pte Ltd
 Dentmedix Dental Products
 Dr Lee Hin Yeung
 Dr Lim Swee Teck
 Dr Winston Tan Kwong Shen
 Fondaco Pte Ltd
 GC Asia Dental Pte Ltd
 Innobrace Orthodontics Pte Ltd
 Jack Kwong Trading
 Kavo Dental Supply
 MLJ Dental Trading Pte Ltd
 N.K. Luck (S) Pte Ltd
 P.P. Dental Technologies Pte Ltd
 Raydent Supplies (S) Pte Ltd
 SA Dental Supply Pte Ltd
 Shofu Inc
 Standard Dental Co. Pte Ltd



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