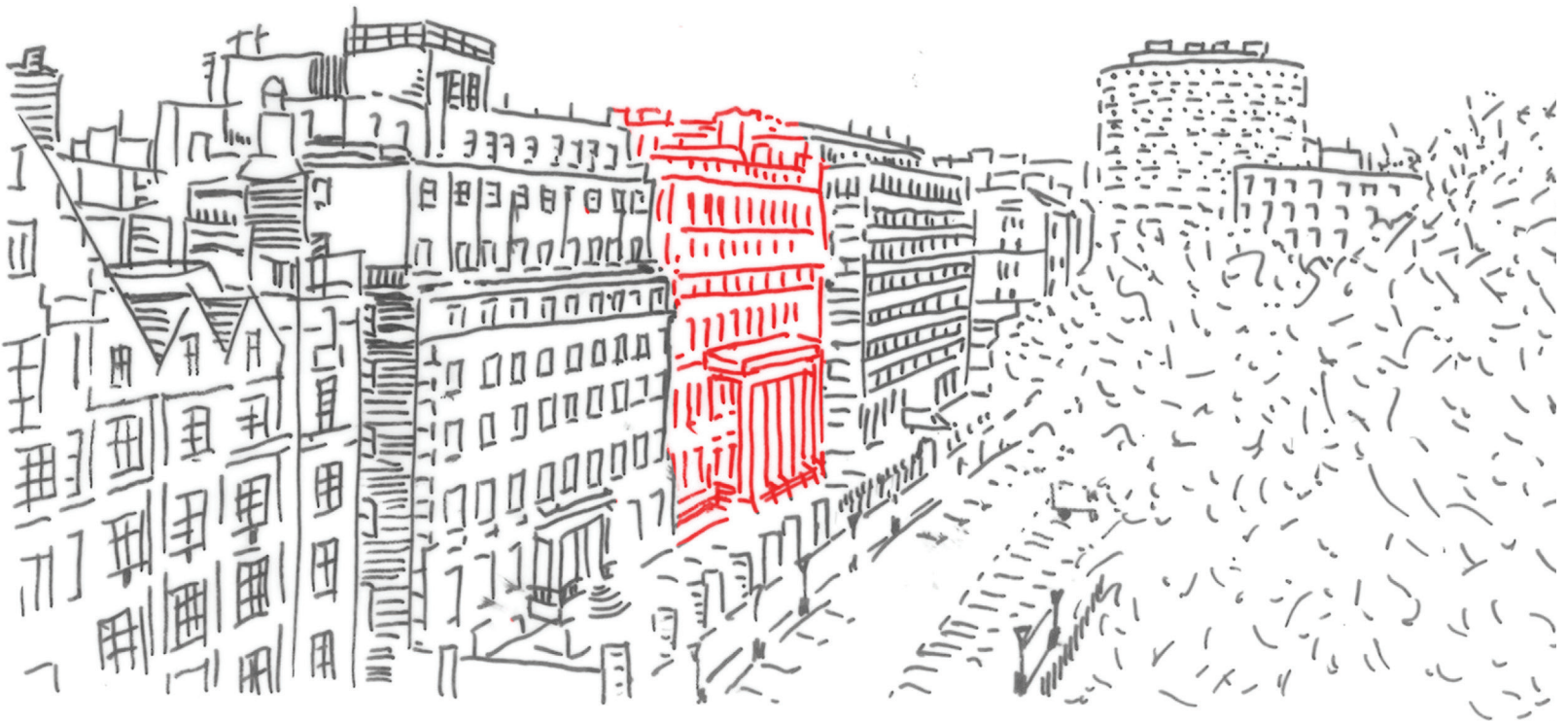


2016 • October Issue

From the Dean





A message from the Dean



Professor Nigel Hunt

I am penning this newsletter against the backdrop of an unusually quiet and almost deserted Lincoln's Inn Fields on a lovely sunny August morning. It seems incredible that I only have just over 10 months left of my office as Dean before I demit,

with the Faculty Board electing my successor in 2 months' time. Is this eerie peace and tranquillity the lull before the storm or a suggestion that the time is approaching when it may be appropriate to 'take the foot off the accelerator' before handing over to the 25th Dean?

The coming academic year is going to be a monumental one for the Faculty and the RCS. Fellows and members will be aware through the various RCS publications of the planned redevelopment of the RCS buildings which have been approved by RCS and the Board of Trustees and which are due to start in the summer of 2017. With the exception of the classical and listed portico and façade, the Barry building will be completely demolished and replaced with a modern, more efficient, light and flexible facility while still retaining and recognising our heritage. In order to fund the redevelopment, the College footprint will reduce in size by selling the lease on the Nuffield building within which, of course, we are currently housed.

I think it is important for fellows and members to be aware that since the redevelopment plans have gained momentum I have been pressing the College on implications for our Faculty. I reflected to the College the reservations that have been raised by the Faculty Board and the membership. However, I can now reassure our fellows and members that following several meetings, including attendance of the President at a recent board meeting, we now have a guarantee that the identity and integrity of the Faculty and its staff will be maintained, both throughout the three-year redevelopment period and beyond into the new building. Once completed, the new building will offer state-of-the-art facilities for delivering our extremely popular educational courses as well as examination facilities more appropriately designed for modern examination formats. Please be reassured that I will continue to ensure there is appropriate recognition of the importance of the Faculty, which comprises approximately 20% of the overall RCS membership.

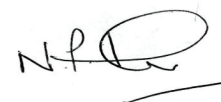
The coming year will also be an important milestone for the Faculty as it celebrates its 70th anniversary. The climax of the year of celebration will be an educational day on Thursday 22nd June 2017 under the banner of *Innovations and the Future of Dentistry* with a programme packed with speakers of the highest quality. I feel certain there will be something for everyone with topics as diverse as tissue engineering of teeth, digital dentistry, digital professionalism, evidence-based dentistry, generational psychology and artificial intelligence in dental surgery, among others. There will also be a display of celebrating the past – a compilation of key events

in the Faculty's history. The climax will be an evening banquet – the last in the existing Edward Lumley Hall, with The Lord Ribeiro CBE, past President of the RCS, delivering the after-dinner speech. I would encourage you all to put the date of 22 June 2017 in your diaries now so as not to miss out on this important celebration.

So will I be taking my foot off the accelerator? Certainly not! There are several areas of unfinished work to take further forward, including our drive to reduce oral health inequalities in the UK, our campaign to reduce sugar consumption and our push for a greater emphasis

on prevention of oral disease. We will continue to monitor the implications on the NHS post-Brexit and especially how our concerns regarding English language clinical communication skills for EU dentists and specialists can be improved as a consequence. We will continue to expand our research grant portfolio, especially in collaboration with specialist associations, but also by offering a special 'Anniversary Fellowship'.

Of course, the achievements of the Faculty are down to the hard work of its board. I would like to extend my thanks to the demitting Senior Vice-Dean, Mr Stephen Chadwick, who has worked tirelessly during his period of office. I also look forward to working with the new Senior Vice-Dean, Professor Paul Speight, and welcome Professor Stephen Porter following his recent election as Junior Vice-Dean. To these and all the Board, I would say 'it is time to roll up your sleeves – we have work to do!'



Nigel Hunt, FDS Dean



Paul Speight



Stephen Porter

The Bradshaw Lecture 2016

On the evening of 12 July 2016, the Dean of the Dental Faculty, Professor Nigel Hunt, delivered the Bradshaw Lecture with the titillating title of *The changing face of orthognathic surgery* at the Royal College of Surgeons. The lecture had been bequeathed by Sally Hall Bradshaw to both the RCS and RCP in 1880 with a request that an eponymous lecture would be given on an annual basis in each college in memory of her husband, William Wood Bradshaw FRCS, MRCP, who had died in 1866. During his career as a general surgeon in Hampshire he had taken great interest in the problems and sequelae of facial deformity. The first Bradshaw Lecture was indeed given in 1882 by no less a person than Sir James Paget.

Having defined orthognathic surgery as operations to correct facial skeletal abnormalities and severe dental malocclusions and having given the causes thereof, Professor Hunt led the audience through the history of orthognathic surgery. Much of this field developed in the

mid-nineteenth century in the United States of America although since then much progress has been made on both sides of the Atlantic. One of the most important statements to come from the early American work was that practitioners with both a medical and dental degree are best suited to undertake this type of surgery.

The clinical approach is more often that of a combined methodology of dental and maxillo-facial surgery, the ideals being to improve the function, aesthetics and quality of life of persons so afflicted. Many such patients suffer years of teasing and bullying in their formative years and can as a result develop serious mental problems.

Professor Hunt went on to describe the modern advances in orthognathic surgery including 3D digital planning, tissue engineering and the importance of a wide-ranging multi-disciplinary approach to the planning of such treatment. The lecture was complemented by many pictorial

examples of the amazing results that modern orthognathic surgery can give to the patients and the audience was singularly impressed with the state of the art of this very specialised field of surgery. The lecture of 2016 certainly achieved the goal of honouring its founding father William Wood Bradshaw and the RCS can be duly proud of the excellent presentation delivered by the current Dean of the Dental Faculty, Professor Nigel Hunt.

Professor Mike Parker

Council Member, Royal College of Surgeons of England

69th Anniversary Dinner – 24 June 2016



The Edward Lumley hall was once again the grand setting for the Faculty of Dental Surgery's annual Anniversary Dinner. Friends and colleagues turned out en masse to celebrate what has again been a very successful year for the Faculty. Honoured guests included the Lord Mayor of Westminster, Baroness Gardner of Parkes, the Chief Dental Officer for England, Professor Sara

Hurley, and the President of the Royal College of Surgeons, Miss Clare Marx.

In his dinner speech, Professor Nigel Hunt, Dean of the Faculty, said that without a doubt over the last year the Faculty had cemented its place as the professional voice of specialist dental surgery and the go-to organisation for information and advice. He said

the Faculty's work on an oral health strategy for children in the UK had continued to build momentum.

The Dean also shared his concern that office 'cake culture' is fuelling the obesity epidemic and rotting the nation's teeth, something that was reported widely by media earlier in the day. He called on UK office workers to be mindful of the sweet



Images

Far left: Sara Hurley speaking at the dinner

Left: Baroness Gardner of Parkes with FDS Dean Nigel Hunt.

Above: the Lord Mayor of Westminster

treats they supplied to celebrate special occasions and to consider offering alternatives such as cheese, fruit and nuts.

He also pointed to steps the Faculty had been taking to lead by example, including making sure the College vending machine sold only zero sugar food and drinks and ending the tradition of offering biscuits at all meetings.

Attention then turned to invited speaker and Chief Dental Officer Sara Hurley's speech. The CDO was glowing in her praise of the Faculty and the good work it was doing to raise the profile of important dental issues such as children's oral health. She shared many humorous anecdotes from her life in the military and reflected on what she had learnt during her road trip of the UK as part of work to begin

developing a dental strategy for the UK.

The next year will be an exciting one for the Faculty. With work on the RCS's new building due to commence in the summer, the Faculty will look forward to inviting friends and colleagues to a very auspicious 70th Anniversary dinner and the last ever event in the RCS's old building in June 2017.

A day at the races

Tuesday 12 July saw me travelling to the British Racing School in Newmarket for the 'Regional Hospital Study Programme: Junior Papers Day'. This is a highly successful annual event organised by the East of England Deanery and run jointly with the Royal College of Surgeons of England, or one of our sister faculties.

The visit provided an unexpected opportunity to see the young trainee jockeys taking out their thoroughbred racing horses for the morning training session before being greeted with a welcome cup of tea and a fried egg and bacon bap.

Attendance at the meeting was excellent and attendees included all the regional dental core trainees as well as many of their trainers. The day consisted of both oral and poster presentations divided into 'case reports and research projects' and 'audit'. The topics selected by the trainees included avulsion of a tooth following the use of a mouthguard, novel anticoagulants and exodontia, the use of 3D printing and the role of cone beam computerised

tomography in planning oral surgery procedures. A recurring theme throughout the day was the high quality of the presentations and posters reflecting the calibre of the trainees and the excellent guidance and support provided by their trainers.

After the initial welcome from the chairman and consultant oral and maxillofacial surgeon, Mr Arun Majumbar, and myself the first session consisted of a series of case reports and research projects. The winning entry in this category dealt with 'medication related osteonecrosis of the jaw: a case series of an alternative therapeutic approach' and the runner up 'articaïne: the fact and the fiction'. Both presentations were exceptionally well researched and delivered with the trainees also demonstrating the ability to deal with all that the judges could throw at them in terms of questioning!

The second series of oral presentations addressed the important area of audit. Again the audience was treated to a wide-

ranging selection of topics from the two-week referral pathway for suspected head and neck cancer to the precision of record keeping. The eventual winner in this category assessed the compliance with the British Society of Rheumatologists guidelines for temporal artery biopsies.

Throughout the day delegates had the opportunity to view an array of posters. These proved to be highly informative as a result of the variety of topics chosen and the quality of the information provided with the eventual winners thoroughly deserving their awards.

As the day drew to a close, with the presentation of prizes, I couldn't help but feel what an excellent opportunity it had provided for the trainees to practise the presentation skills so important to the modern dentist: and how well they had performed.

Professor Michael Escudier



From back left:

Mr Arun Majumdar, Course Organiser and OMFS Consultant,
Luton and Dunstable Hospital NHS Foundation Trust

Mr Alex Baxter, Director of Dental Education, Health Education
England – East of England

Professor Michael Escudier

Mr Mike Simpson, DCT Advisor, Health Education England – East
of England

The dental core trainee prize winners, with the exception of
Meghal Vora who couldn't attend on the day, from front left:

Alkisti Pantiora, Cambridge University Hospitals NHS Foundation Trust

Ashni Shah, Luton and Dunstable Hospital NHS Foundation Trust

Katy Martin, Luton and Dunstable Hospital NHS Foundation Trust

Roshnee Patel, Luton and Dunstable Hospital NHS Foundation Trust

Julia Palmer, Norfolk and Norwich University Hospitals NHS
Foundation Trust

Christine Wanis, Luton and Dunstable Hospital NHS Foundation Trust

Sary Rahma, Norfolk and Norwich University Hospitals NHS
Foundation Trust

Athirai Selvarajah, Princess Alexandra Hospital NHS Trust

Conor Carroll, Basildon and Thurrock University Hospitals NHS
Foundation Trust

Manish Jagatiya, Basildon and Thurrock University Hospitals NHS
Foundation Trust

The Clinical Research Symposium:

The translational pipeline, from laboratory to clinic

The Faculty of Dental Surgery held its third national research symposium in July 2016. This year the theme of the symposium was clinical and translational research: *The translational pipeline from laboratory to clinic*. We had a number of eminent and experienced speakers who covered the whole translational journey from biomarker discovery in the laboratory to managing clinical research projects and ethics. More than 100 delegates attended the day, including about 30 NIHR-integrated academic trainees. Many others were clinical lecturers, but there were also foundation and core trainees seeking to learn how to start in clinical research. A number of non-clinical scientists also attended, as well as research administrators.

The first speaker was Professor John Marshall, from Bart's Cancer Institute. Professor Marshall is a tumour biologist who has spent many years investigating the role of cell surface adhesion molecules (integrins) in tumour progression.

A specific integrin (AlphaV Beta6) has been shown to be specifically expressed in oral cancer and Professor Marshall explained how his laboratory research has shown that if this integrin is blocked, tumours can be 'cured' in laboratory animals. Years of experiments in cell culture have shown the mechanisms of this action and have enabled them to design antibodies that could be used in humans to help manage oral cancer patients. The next big step is to design and start clinical trials and Professor Marshall described the hurdles that had to be jumped to get funding and regulatory approval to start work on humans. The good news was that, after almost 15 years, they were now very close to starting the first work on patients.

Professor Paul Brocklehurst is a consultant in Dental Public Health, but also Director of a major clinical trials unit – the North Wales Organisation for Randomised Trials in Health (NORTH), at Bangor University. He presented an excellent

and comprehensive overview of the different types of clinical trials, and described the essential elements of design. This included the need to consider four key factors, which are summarised in the acronym PICO – Population, Intervention, Control, Outcome. He showed how each factor is applied in the different types of trials – individually randomised, cluster randomised, stepped wedge and adaptive. Finally he described the role and functions of the UK clinical trials units, and explained how they can help any researcher design and manage their trials.

The next speaker was Phillip Preshaw, Professor of Periodontology at Newcastle University. On this occasion, however, Professor Preshaw drew on his experience as Chair of the Newcastle and North Tyneside Research Ethics Committee. He gave an overview of how and why a research ethics framework has developed, from atrocities in the Second World War to the Declaration of Helsinki. He

showed how ethics committees have developed from individual local committees to the current national online system managed under the auspices of the Health Research Authority. Delegates were given advice and tips on how to design ethical research and how to complete the complex application forms.

The final speaker was Professor David Conway, Professor of Dental Public Health at Glasgow University. Professor Conway gave an overview of how NIHR supports and funds clinical research. He described how NIHR was formed and described their funding schemes for individual researchers (eg academic clinical fellowships and clinician scientist funding), as well as the many schemes for funding research projects.



Back row, L to R: Dr Zoe Hoare, Professor David Conway, Professor Paul Brocklehurst, Dr Francesco D'Aiuto

Front Row, L to R: Professor John Marshall, Professor Paul Speight, Professor Phillip Preshaw

In the afternoon there were four research skills workshops, and each delegate had the opportunity to attend two. The choices were: *The NIHR funding landscape: how to fund and manage your research*, presented by David Conway and Dr Francesco D'Aiuto (Eastman Dental Institute); *Design of clinical trials*, presented by Paul Brocklehurst and

Dr Zoe Hoare (Principal Statistician, NWORTH); *Ethics and governance: How to obtain ethics approval and the legal obligations of good governance*, presented by Phillip Preshaw, and *Culture to clinic*. How to translate your laboratory research into a new clinical intervention, presented by John Marshall.

This was an excellent symposium, presented by truly outstanding and expert speakers, each of whom gave up their valuable time to attend the whole day.

The day was free to all delegates and the Faculty are grateful to NIHR, Colgate Palmolive and the British Society for Oral and Dental Research for funding the day.

ClinicalKey

A resource Oral and Maxillofacial Surgeons need to know about



In July we told you about Elsevier's ClinicalKey, an electronic resource available to FDS members. It provides access to over 600 full-text e-journals including 15 dental titles, over 1,000 e-textbooks and reference manuals as well as large image and multimedia collections. New material is added and indexed daily so content is current and up-to-date. This quarter we would like to give you some tips for using it.

Search results at your fingertips

The home page offers the option to search using a Google-like search bar or a browse menu of information types. You can create a personal account, which will allow you to save your searches, articles and book chapters in PDF format, or content

to return to later in your personal account. You can tag the items you've saved to organize your results for quick access later and sort them according to your own categories. This requires you to complete a brief, one-off personalisation form on the site.

Using the search bar for a simple search 'extraction of impacted wisdom teeth' provides 1,182 results overall. As you type your search question, the autosuggestion box will provide assistance. Selecting a more precise question 'surgical removal of impacted third molar tooth' reduces the results to 23.

Search results can be filtered using the options on left side of the screen. Looking at the search given above, for example, you could focus on full-text articles or randomised control trials or find a patient education handout on 'Care after Dental Extraction' to customise and print out:

Filter for Source type

| | |
|-----|----------------------------|
| 785 | Full text articles |
| 189 | Medline® article citations |
| 142 | Books |
| 48 | Images |
| 13 | Clinical trials |
| 4 | Guidelines |
| 3 | Patient education handouts |

Filter for Article type

| | |
|-----|---------------------------|
| 4 | Systematic reviews |
| 5 | Meta-analysis |
| 80 | Randomised control trials |
| 133 | Narrative reviews |

Results can also be filtered by specialism or date allowing you to find the information you need quickly. Just click on the title of an article or book you want to read to see the full text. Use the content outline to navigate to specific sections quickly. It is simple to download and save items to come back to later.

Create visually engaging presentations

Members are able to use over 2 million images and videos from ClinicalKey for non-commercial teaching or presentations without needing any further permission. The Presentation Maker feature allows you to easily export text and images from ClinicalKey to PowerPoint. Once you have found an image you would like to use in a presentation,

click on the 'add to presentation' icon, and follow the instructions to save the image which will include the relevant copyright information. Open your personal account and select 'presentations' to edit the presentation and export the image into it.

Members at all levels can access ClinicalKey using their RCS login details. More information and illustrated help is available on the

Library's blog and web pages: <https://www.rcseng.ac.uk/library/blog/elsevier-clinicalkey>

We see ClinicalKey as a valuable new resource and we welcome further comments and feedback as you start to use it: please contact us at library.athens@rcseng.ac.uk to let us know what you think.

Deaths of fellows and members

The Faculty has been notified of the deaths of the following fellows and members

| First Names | Surname | Date of Death | Latest Address | Qualification |
|-------------|--------------------------|---------------|---------------------------|---|
| RIBEIRO | Noel Francisco Florencio | 13/10/2014 | Perth, Australia | MRCs (Examination) 2007, FDS (Examination) 1999 |
| SINCLAIR | John Hugh | 26/02/2016 | Whangaparaoa, New Zealand | FDS (Examination) 1962 |
| SPENCE | Alastair Andrew | 11/2015 | Kilmacolm | FRCS (Election) 1993, FDS (Honorary) 1993 |

Our day out at the royal garden party

It was an absolute privilege to be offered the opportunity to attend the royal garden party at Buckingham Palace, as a representative of the Faculty of Dental Surgery. The excitement began as soon as we got the news and then built when an envelope, bearing the palace postmark, arrived. The invitation was accompanied by much information on dress, etiquette and, most importantly, security.

After much deliberation, we decided on our outfits and had to go hat-shopping (a rare occurrence these days). On the day of the garden party, we even got the seal of approval from our daughter (an even rarer occurrence).

There were several options to enter the palace, via different gates, and owing to my allergy to queuing I tried to predict which would have the shortest line – so we headed for Gloucester Gate. In the (long) queue, we could hear a wide variety of languages and accents, both regional and international. We were among



Michael and Carol Escudier's cheeky selfie

all ages, races and fashion styles, united in a real buzz of excitement.

Once through the security, we walked through the beautiful, tranquil gardens to arrive at the main lawn, where there were bandstands, tea tents and the several thousand other guests. The backdrop to all of this was the rear of the palace, and seeing that was a special moment.

The military bands were wonderful and in addition to traditional music, delighted us with the themes from *Star Wars* and *Harry Potter* (apparently royal favourites). We dined on, predictably, the most perfect of afternoon teas – sandwiches cut to precision, scones with jam and cream, beautiful cakes and pastries. Tea was served by the gallon.

The Yeomen of the Guard in their immaculate red uniforms and gentlemen ushers organised the crowd into lanes and, at that moment, we knew the royal family were about to arrive. We hoped that we would manage to get a glimpse of them. At 4pm, the Queen, Duke of Edinburgh, Duke and Duchess of Cambridge (their first official garden party), Princesses Beatrice and Eugenie all stood at the top of the palace steps for the national anthem. We had a clear view of them all but, as we had adhered to all the rules and regulations, we had no phones or cameras to capture the moment. The majority of the other guests had

obviously not read the memo and were busy taking photos and videos, without any reproach from security. Feeling a little cheated, we managed a cheeky selfie by the lake later on.

The royal family were introduced to pre-selected guests, apparently chosen on the day as they entered through the main gates (wish I hadn't tried to avoid queuing!). They went for their tea in the royal tent and we continued to tour the gardens and be served tubs of delicious ice-cream.

Another opportunity arose to see the royals as they left their tent and walked back to the palace. The

Queen, as usual, looked beautiful in a blue outfit with matching hat and the Duchess of Cambridge was stunning in a cream ensemble.

The day was officially over, but we left slowly to soak up the atmosphere as much as possible. It was a truly wonderful, if somewhat surreal, experience, the memory of which we will treasure. We are most grateful to the FDS for allowing us to be a part of something so special.

Professor Michael Escudier



Congratulations!

Congratulations to Nikki Aro, Faculty Services and Special Projects Manager, who was married to Jordan Walcott on Saturday 11 June 2016. It was a day filled with happiness and tears of laughter and joy – one that they will never forget! We wish them a very happy future together.

The FDS and the University of Malaya



August the 14th to 18th 2016 saw FDS fellows in Kuala Lumpur working with the University of Malaya (UM). Professors Mahadevan and Crean, with Drs Barnett and Breckon and supported by Ms Anna Pritchard, attended at the invitation of UM to deliver masterclasses in orofacial anatomy and orthodontic wire-bending and also collaboratively work on their emerging OSCE/SCR

development, using the MJDF exam format as exemplar of postgraduate assessment in the UK.

Initially the group attended the 111th UM scientific congregation contributing presentations on, *Interprofessional education* by St John Crean; *Are permanent retainers permanent?* by Jeremy Breckon; *the history of the Faculty of Dental Surgery*

by David Barnett; and *the RCS Guardian of the anatomical tradition* by Vishy Mahadevan.

For the following two days the group split into anatomy and orthodontic factions, delivering well-attended, UK-proven head and neck anatomy and wire-bending workshops. The fourth day focused on providing an in-depth detailed trainer programme



designed to illustrate the rationale and format of the MJDF examination, while exploring the level of examiner training and standardisation required to operate the OSCE/SCR assessment and working through examples of OSCE /SCR for the group to experience their assessment variability.

Finally, 20 local junior dentists attended a 20-circuit OSCE/SCR circuit organised by the FDS education team, examined by the faculty and the UM teachers from the previous days training.

The trip was a triumph on so many levels, not least the important and effective collaboration developed between the RCS Faculty of Dental

Surgery and the University of Malaya School of Dentistry. The participant feedback was excellent, with criticisms levelled at the need for more time! The hospitality provided by all including the Dean Professor Zainal Ariff Abdul Rahman and in particular Professor Zamri Radzi will long be remembered by the group as well as their waistlines. The future in the east looks bright.

Faculty and RCS stalwart leaving after 25 years

Ann Khattab joined the RCS on 5 March 1991. She started in the JCHST (Joint Committee on Higher Surgical Training) unit as an administrative assistant working with several specialty advisory committees (SACs) including general surgery, neurosurgery, cardiothoracic surgery and ophthalmology, prior to the latter splitting from the RCS to become a royal college in its own right.

Ann joined the Faculty of Dental Surgery early in September of 2001, where she worked for two SAC managers and acted up when both managers left. In September 2008 Ann moved in to the Dean's office where she worked on numerous dinners, lectures and diplomates ceremonies and has done a sterling job producing the Dean's Newsletter over the years.

On 5 March 2016 Ann celebrated being a part of this great college for 25 years, when she received her McNeil Love medal and certificate.

Ann left the Faculty and the RCS on 14 September. She was looking forward to doing some of the things that she has only dreamt of over the past 25 years – spending as much time as she wants on her beloved allotment, furthering her reflexology skills and lots of travelling!

I am sure you would all wish to join me in thanking Ann for all her dedication and hard work over the past 25 years and also wish her a long, healthy and happy retirement.

Nigel Hunt



Jane Donald (left) and Ann Khattab (right)

Course dates

9 September 2016

Masterclass in dental trauma

18 November 2016

Masterclass in sleep apnoea

1–2 December 2016

Teaching and Assessment in Dentistry

19 November 2016

Dental CBCT course for referrers

25 November 2016

Basics of Dento-alveolar CBCT Interpretation

Date for your diary

Friday 27 January 2017

Board Dinner

Board members only (a proforma will be sent nearer the time)

Thursday 23 March 2017

Regional and Specialty Advisors Day

A full programme will be sent out together with invitations early next year.

Charles Tomes Lecture

The Charles Tomes Lecture will follow the regional and specialty advisors all-day meeting.

Fellows' and members' dinner

Board members, fellows, honorary fellows and members are welcome to apply for this dinner and are encouraged to bring guests. For more information contact Mrs Jane Donald.

Email: jdonald@rcseng.ac.uk

Thursday 22 June 2017

**70th Anniversary
Symposium Day and
Banquet**





Faculty of Dental Surgery
The Royal College of Surgeons of England
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