



RCSI FACULTY OF
RADIOLOGISTS



FACULTY OF RADIOLOGISTS
DÁMH NA RAIDEOLAITHE

ANNUAL REPORT
SEPTEMBER 2015 – AUGUST 2016

Cover Picture

The Honorary Fellowship & Medals Ceremony, Annual Scientific Meeting 2015

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DEANS INTRODUCTION - FACULTY OF RADIOLOGISTS, ANNUAL REPORT, 2015-2016



During the 2015-2016 year, the Board has built upon last year's consultations and initiatives. After a period of several years during which successive Boards of the Faculty were heavily involved in consideration of issues of Quality Assurance and Improvement, the working relationship between the Faculty and RCSI, Consultant workload, Doctors in Difficulty and our European outlook, you may recall that last year the spotlight swung back in-house and we began some "spring cleaning" in the Radiology Training Programme itself.

FACULTY BOARD INITIATIVES

A Strategic Review based on the template for activities developed during the 2014-15 programme review process described in last year's annual report began on October 29th, 2015. The strategic review group met weekly thereafter until the committee meetings at the end of May, 2016. The group included senior elected Faculty office holders, the National Training Coordinator and a representative of the National Radiology Programme. The entire spectrum of Radiology postgraduate education was considered and this summer a "position paper" on the different stages of Radiology training in Ireland was published for consideration by the Board, committees and Fellows of the Faculty. This will be followed by a plenary session in September, which will be professionally facilitated by Prospectus Management Consultants. We gratefully acknowledge NDTP developmental and administrative funding of this review. The process of wide consolidation and detailed analysis of issues facing the programme will be continued by the incoming Board under Dr. Max Ryan's leadership, in which I have every confidence.

COMMITTEE AND PROGRAMME EVENTS AND ISSUES

In 2015, the Education Committee decided to re-establish the Visiting Professorship programme supported by general Faculty funds. Prof. Bruce Forster accepted an invitation to come from Vancouver. Bruce spoke at the Spring Meeting and taught in RCSI the following week. His visit was extremely successful and I thank him very much on behalf of all the SpRs and Faculty fellows.



Prof. Bruce Forster, University of British Columbia speaking at the Spring Meeting 2016

Dr John Walsh (Dean, Faculty of Dentistry) and I followed up on discussions that took place in Dr Barry Kelly's Deanship and held a 'Faculty of Radiologists meets the Faculty of Dentistry' session at the 2015 ASM. This was a very successful and informative session.



Radiology meets Dentistry ASM 2015

L-R: Prof. Dermot Malone, Dr Andrew Bolas, Dr Patricia Cunningham, Dr John Walsh (Dean, Faculty of Dentistry)

Dr. Max Ryan rejoined the Board last October and has served as Honorary Secretary and Dean-Elect for the past year. Max has the great talent of blending a keen interest in people with great attention to detail and decisiveness. He is the first Dean of the Faculty whose father was Dean in the past. Dr. Anthony Ryan served as Vice-Dean. His interest, energy, ability to see and convey the 'big picture' and decisiveness have been very helpful to me over my time as Dean. Dr. Paddy Gilligan, one of our leading Medical Physicists, accepted the position of Vice-Chair of the Radiation Protection Committee. The formal addition of a medical physicist's leadership to the already established Consultant Radiologist role of Chair of this committee gave it additional focus and direction. Many thanks to Paddy for this commitment.

One other innovation which continued from 2015-2016 was the QA strategic review group. Past Deans Dr Adrian Brady and Prof Risteard O'Laoide together with Dr John Murray (as a senior Consultant representative from a Radiology department experiencing the introduction of NIMIS, PeerVue etc) agreed to meet with the Dean, Officers and Radiology Programme Manager 2 days before the PCS & Quality committee meeting to review interim QI Programme developments and place them in a practical and historic strategic context. In practice, it proved difficult for everyone to attend but many thanks to those who did and especially thanks to Dr Murray for his focused and practical advice. I certainly found the meetings very useful.

There were no other changes in Faculty committee structures.

Changes in Board membership are considered in detail in the Honorary Secretary's report. I would just like to take this opportunity to thank the retiring Board members.

Dr. Niamh Hambly was a reliable and conscientious Chairperson, first of the Fellowship Advisory Committee and then of the Scientific Committee. Dr. Declan Sheppard was an able and supportive Vice-Dean and Chairperson of the Radiation Protection Committee. Both retired early from the Board for personal reasons.

Dr. Patricia Cunningham and Dr. Colin Cantwell finish their first terms on the Board this summer. Patricia has served as Chair of the Scientific Committee, Vice Dean and Honorary Treasurer during the past 5 years. As a member of the Strategic Review group, she contributed to every area under review, took a leading role in the negotiations with RCSI Surgical Affairs and Emergency Medicine during the establishment of the Common Stem SHO pilot project and led the Trainees and Radiologists who contributed to the Model 3 Hospital Subgroup. As Honorary Treasurer, she managed the Faculty's finances and developed the financial structures that allowed the Faculty to launch a Research Scholarship and Bursary programme this year. Following Dr Hambly's resignation, Patricia's assistance as Interim Scientific Committee Chairperson was greatly appreciated. Colin, who had a 3-year first term as completion of the residual term following early resignation of a previous member from the Board in 2013, has performed valuable work in the analysis of the reasons to move towards competence-based training in 2014-2015 and took the lead for the organization of ASM 2016 this year. I thank them both for their time, effort and dedication and hope they will return to the Board in due course.

Following Dr. Niamh Hambly's resignation as Chair of the Scientific Committee, Dr. Peter Beddy undertook to organise the Spring Meeting, which was held in Limerick. Dr. Colin Cantwell undertook to organise the Annual Scientific Meeting. Both paid great attention to detail, at the time of writing, the Spring Meeting has been extremely successful, and I have no doubt the ASM will follow suit. Many thanks to both of them for their efforts.

PROGRAMME NEWS

Dr. Mark Knox has worked consistently and very well as the National Educational Coordinator. He has carefully managed all the annual milestones within the programme, as well as spending a considerable amount of time developing the strategic approach to competence-based training for which funding was obtained from NDTP.

We began the year with Prof. William Torreggiani (Final FFR.RCSI) and Dr. Orla Buckley (Primary FFR.RCSI), as chief examiners. During the course of the year, Dr. Buckley's term as Primary FFR chief examiner ended. Many thanks to Orla for her organisation, attention to detail and balanced approach, which has developed the examination process from a film-based examination into a very smooth-running digital examination. She has left the Primary

FFR examination in a stable and high quality state. I would like to take this opportunity to welcome Dr. Ciaran Johnston, who took over from Dr. Buckley and whose team very successfully conducted the May 2016 Part 1 Fellowship examination in Dublin and Kuwait. This is Prof. Torreggiani's last year as Final FFR.RCSI chief examiner. He has been a Faculty stalwart for many years in both the Primary and Final FFR.RCSI examinations and steered the Final Fellowship examinations from the film-based to the digital age. His contributions will be missed. Dr. Eric Heffernan will take over as Final FFR.RCSI chief examiner and I have no doubt he will be very successful in this role. Eamonn Conlon has been the 'go to' person for all technical problems during the development of digital Radiology examinations and the Faculty is very grateful to him for his input.

The recently inaugurated Trainee Subcommittee worked well, liaising between the Education committee and the SpRs throughout the year. Many thanks to Dr. Richard Kavanagh, who very effectively chaired the committee. Welcome to Drs. Michael O'Reilly and Aileen O'Shea, who were elected Chairperson and Vice-Chairperson of the 2016-17 committee.

Medical students, interns and SHOs who wish to enter for Radiology and SpRs at all stages of the Training Programmes in Radiology and Radiation Oncology now have the option of competing for a range of Medals, prizes and scholarships. I would like to congratulate all the winners of the Faculty of Radiologists medals and scholarships. A full description of the medals and scholarships, and the full list of winners can be found in section 6 (Page 57-58) of this report.

On the subject of scholarships, I would particularly like to thank Professor Adrian Dixon, Cambridge, UK, who acted as an extern for the MacErlaine/MGH Molecular & Translational Imaging Scholarship. Professor Dixon, an Honorary Fellow of the Faculty himself, has long-standing connections with Ireland. At one time, his grandfather and grand-uncle were professors in Trinity College, Dublin. The Dixon Hall in Trinity is named after his family. One of his ancestors (Margaret McNair Stokes 1832-1900) was an antiquarian and renowned illustrator. In the latter years of the 19th century she created a woodcut of RCSI. This woodcut was, for many years, in Adrian's family's possession and most recently hung in the Master's residence in Peterhouse College, Cambridge. During his visit to Dublin for the interviews, Adrian presented this sketch to the Faculty of Radiologists. It now hangs in the Faculty offices.



Prof. Adrian Dixon presenting a woodcut of RCSI created by his relative Margaret McNair Stokes to the Faculty of Radiologists

RADIATION ONCOLOGY

Drs. Pierre Thirion and Carol McGibney represented the Radiation Oncologists on the Board. Pierre chaired the Radiation Oncology Committee and kept their agenda moving all through the year. Carol balanced the Dublin perspective with input from her base in CUH. Dr. Moya Cunningham was a very able and conscientious St. Luke's Radiation Oncology Network (SLRON) Training Programme Coordinator. Moya has been elected, but not yet conferred, with FFR.RCSI Ad Eundem by a unanimous vote of the Board. We look forward to welcoming her as a Fellow of the Faculty. Dr. Charles Gillham and Dr. Joe Martin undertook pioneering negotiations with the Royal College of Radiologists last year, and a new single-best answer MCQ paper, replacing the outdated essay question format, was delivered for the first time in Spring 2016. We welcomed Dr. Sinead Brennan back to Faculty work following her maternity leave. I am happy to say that the incoming Dean has a strong Radiation Oncology team in place and wish them well for next year's academic schedule.



Prof. Dermot Malone, Dr. Paul McCoubrie, Pres. Declan Magee and Dean Emeritus, Dr. Barry Kelly

INTERNATIONAL FACULTY ACTIVITIES

Honorary Fellowships: These were conferred on Prof. Richard Baron, Dr. Paul McCoubrie and Prof. Peter Hoskin at the ASM in September 2015. Richard Baron, of the University of Chicago, the incoming RSNA President, is one of the leading American academic Radiologists and a world leader in Abdominal Radiology. His lectures were excellent and he is a very welcome addition to our roll of honour. Paul McCoubrie, of North Bristol NHS Trust, whose main interest is in education, has greatly assisted the Faculty in its 'Train the Trainer' meetings over the past few years and his continuing support will be a significant factor in the successful introduction of Competence-Based Training into the programme. Peter Hoskin, one of the UK's leaders in Radiation Oncology based in University College London and Mount Vernon Hospital, Middlesex is yet another valuable supporter for the Radiation Oncology section of the Faculty. His involvement in clinical practice, clinical trials, NICE, the RCR and ESTRO gives him a high-level perspective on questions of training and practice that will enhance our future developments.



Honorary Fellowship Conferring, ASM 2015: Prof. Dermot Malone, Prof. Peter Hoskin, Mr. Declan Magee (President, RCSI), Dr Pierre Thirion



Prof. Dermot. Malone presenting the Houghton Medal to Prof. Richard Baron ASM 2015

RSNA 2015

Dr Max Ryan and I took the opportunity to meet with as many of the Faculty's industry partners as possible to discuss new funding structures and options. We also met with representatives of several US academic institutions to investigate the possibility of jointly funded scholarships (these are described further in the Research Committee report). The annual 'Alumni and Friends' reception in Kitty O'Shea's at the Chicago Hilton was, as always, well attended. For the second consecutive year, the Irish Consulate in Chicago hosted a Faculty of Radiologists reception during the annual RSNA meeting in November 2015. This was a wonderful opportunity for Honorary Fellows of the Faculty, Presidents and Deans of other international organisations (RANZCR, RCR and ESR), Board members, committee members, Irish expatriate Radiologists and international friends of the Faculty to meet and network. The cachet of a Consulate invitation ensured a good attendance by busy senior international Radiologists. I thank the Irish Consul Ms Orla McBreen and her husband Mr Daniel Sessions for their marvellous hospitality.

IRELAND MEETS ICELAND

Dr Barry Kelly, as Dean, had worked hard to improve the links between the Faculty of

Radiologists and other smaller European nations affiliated to the European Society of Radiology. As a product of this collaboration, the President of the Icelandic Society of Radiology and an Icelandic lecturer joined the Annual Scientific Meeting in 2015 for a session entitled "Ireland meets Iceland." Other Icelandic Radiologists also attended. It was a pleasure to welcome Dr Marianna Garðarsdóttir (President of both the Radiologic Society of Iceland and the Nordic Society of Radiology), who spoke on 'The Radiology of Fabry Disease' and her colleague Dr. Halldór Benediktsson, who spoke on 'Abdominal MRI', to Ireland. During the session, Irish Radiology was ably represented by Dr John Thornton, who spoke on 'Current Management of Acute Stroke' and Dr Ian Brennan who spoke on 'Radiofrequency Ablation'



Ireland Meets Iceland ASM 2015

L-R: Dr Barry Kelly, Dr Marianna Gardasdottir, Prof. Dermot Malone, Dr Halldor Benediktsson, Dr Patricia Cunningham, Dr John Thornton, Dr Ian Brennan

KUWAIT TRAINING PROGRAMME

The examination pass rates among the Kuwaiti trainees have been steadily improving. In spring 2016, a 71% pass rate in the Primary FFR.RCSI and a 70% pass rate in the Final FFR.RCSI examinations were recorded. In February 2016, Dr. James Masterson (the Kuwait coordinator) and I carried out the third annual Kuwait trainee assessments. This innovation, initiated by Dr. Masterson, has assisted the Kuwait trainees to understand their strengths, weaknesses and what they must do to pass the examinations. It has undoubtedly contributed to the increasing pass rates in the examination. This year, for the first time, we also assessed trainees who had passed the examination and were spending a 5th year of training in Kuwait or in Ireland. Finally, we interviewed Kuwait trainees who wish to spend a year or two of higher training in Ireland. A total of 10 of our Kuwaiti trainees are now in 5th or 6th year training positions in Ireland. With the help of the International Medical Graduate Training Initiative, short-term educational licensing, immigration, work permits etc can be obtained in a timeframe that makes it realistic to interview in February with a view to starting work in Ireland in the summer.

As Dean, I met with Dr. Ibrahim Hadi, chairman of the Kuwait Institute of Medical Specialisation (KIMS), Dr Abdullah Ali (KIMS Assessment and Qualifications Division) and Dr Abdullah Rajab (Head of the Postgraduate Education Office, KIMS). Discussions were cordial. The National Bureau of Accreditation and Qualifications in Higher Education (NBAQ) is currently reviewing the KIMS programmes. Principles of programme development were discussed. At the time of writing, contract renewal negotiations are ongoing.

Initially, Dr. Najib Al Marzouk was instrumental in the collaboration which allowed the Kuwait training programme to begin over 25 years ago. This year he is being honoured by the inaugural award of an eponymous perpetual medal, established by the Board of the Faculty, to the Kuwait Radiology Programme candidate who has performed exceptionally well in achieving first place in the Kuwait Final Fellowship examinations. On behalf of the Board, the wisdom, commitment and leadership of Dr James Masterson and Dr David McInerney are gratefully acknowledged.

INTERNATIONAL COMMITTEES

The Honorary Secretary's report contains details of our international representation. My thanks to all who have represented the Faculty at international committees over the past year.

SUPPORT FROM THE FOLLOWING IS GRATEFULLY ACKNOWLEDGED

The Dean's commitments have taken time to fulfil and inevitably impacted on my Radiology service roles in St. Vincent's University Hospital (SVUH) and the Royal Victoria Eye & Ear Hospital (RVEEH). Although the Clinical Support programme has helped reduce the impact, it has not removed it completely. I would like to take this opportunity to sincerely thank all the St. Vincent's University Hospital Consultants and Dr. Ronan Killeen, who, as my RVEEH colleague, took a 'double hit.' I would also like to thank Dr Stephanie Ford. The Clinical Support initiative has enabled her to provide consistent input, reducing the SVUH workload during my time as Honorary Secretary and Dean, and I am very grateful to the Faculty for the initiative and to her for her perseverance and loyalty. SVUH has a long tradition of support for the Faculty (I am the 5th SVUH Consultant to become Dean) and I look forward to supporting my colleagues as they in their turn increase their involvement with the Faculty.

None of this would have been possible without our office staff. We have had an exceptional amount of turnover in the past year. Jennifer O'Brien returned from maternity leave in late 2015 and departed on her second maternity leave in April 2016. During this time her knowledge of the Faculty and RCSI, her positive attitude, support and commitment were very much appreciated. Sincere congratulations to Jennifer and Donal on the subsequent birth of their daughter Éila. Young Eunan's reign as 'king of the castle' was short! Mary Fagan, who had joined the Faculty as Locum Executive Officer in October 2014 stayed on after Jennifer's return to help organize the Specialty Training Fund and Clinical Support administration. She took up employment elsewhere in January 2016. All in the Faculty wish her well and are grateful for her efforts during her time with us. After a short gap, Kayla Gant joined our staff to continue this work and to provide PCS support for Sarah Drumm during the Strategic Review project. Kayla's positive approach and cheerful attitude have made her a very successful addition to the staff. In March, Roma Acosta joined us as the new Locum Executive Officer. Roma has a wide range of experience in education, most recently in the Boston University Henry M. Goldman School of Dental Medicine. Roma has been a great support to Max and I throughout the year; she has rapidly acclimatized to the demands and complexities of the role. The backbone of the Faculty over my Deanship has been the team of Karen Milling, Sarah Drumm and Lorraine Coughlan. They have been a terrific team and I thank them all sincerely for their efforts and loyalty.

Over the past year, Sarah Drumm worked steadily on our PCS programme and took on the role of Strategic Review Project Manager with enthusiasm and great organisational ability. She also continued to modernize our communications environment by starting our Twitter feed, which replaces the intermittent short newsletters you would have received in the post

from time to time. Follow radiologyireland @radiologygirl and keep up with news from the Faculty about the programme, about our meetings and about meetings of other Radiology organizations. Regrettably, in August 2016, the Institute of Pharmacy (also based in RCSI) attracted Sarah to a new post in their organisation. We wish her well in her future career. At the time of writing, a recruitment process has just begun to find her successor.

Lorraine Coughlan has marshalled the Radiation Oncologists through another busy year, from job descriptions through interviews, assessments, examinations and more with great patience and good grace.

Karen Milling has kept tabs on all aspects of the Radiology Training Programme and her attention to detail has underpinned programme management again this year. When Karen is in the office, we know that proper procedures will be followed. She has, time after time, pointed out potential pitfalls and as Dean I am extremely grateful to her for all her input.

Finally, as another academic year draws to a close, my thanks to all our Members, Fellows, Committee and Board members whose input has been so constructively helpful at different times through the past year. Apologies to anyone I have forgotten to thank – I look forward to hearing about their continued successes and the continued success of the Faculty under Dr. Max Ryan's leadership.

Prof. Dermot E. Malone

Dean, Faculty of Radiologists



Prof. Richard Baron signing the Honorary Fellows Book at the ASM 2015



Dr Giles Maskell (Pres. RCR), Dr Niall Sheehy, Dr Malcolm McCoubrie, Dr. Paul McCoubrie



Ireland meets Iceland ASM 2015
L-R: Dr Marianna Gardasdottir (Pres. Nordic Society of Radiology), Dr Barry. Kelly, Ms Ingibjorg Helgadottir, Dr. Halldór Benediktsson, Dr Magnús A Lúðvíksson

HONORARY SECRETARY'S REPORT



The Faculty of Radiologists' role is to lead, educate and support doctors who are training and working in the specialties of Clinical Radiology and Radiation Oncology. Our remit spans the fields of Diagnostic Imaging, Interventional Radiology and Radiation Oncology cancer treatment, helping to ensure that the patients who use these services have the best possible experience and care. At a national level, the Faculty represents our members by promoting quality standards and strives to ensure that the advances in the science of Clinical Radiology and Radiation Oncology are recognised in health policy.

This annual report is an overview of our yearly achievements and describes all the work we have been doing to ensure safety and improve the quality of services to patients.

STRATEGIC REVIEW

This year, the Dean supervised a strategic review of the Faculty of Radiologists training programme. The aim of this review was to determine the future direction of travel for the Faculty of Radiologists training programme.

The review included a number of key challenges including: -

- Competence Based Training: EPAs
- Multisource feedback for Radiology SpRs
- Pre Radiology clinical training (Pilot Common Stem SHO)
- Part I FFR: Physics (Curriculum, teaching and assessment)
- Part II FFR: Examination structure and timing
- SpR Progression Criteria
- Criteria for training for Hospital Groups in the NIMIS era
- Criteria for estimated SpR Numbers per teaching centre
- Doctor in Training subgroup
- Scholarship and Bursary programmes for Faculty Doctors in Training

These far-reaching initiatives will champion continuous progress and improvement within the specialties of Clinical Radiology and Radiation Oncology. This strategic review will determine the objectives of the Faculty Board for the next few years.

The Dean, Professor Malone has had overarching responsibility not just for this strategic review but for the Faculty as a whole. His attentiveness to detail, dedication of time, strategic thinking and his measurable outcomes are tremendous.

HOSPITAL ACCREDITATION:

There was an accreditation visit to Limerick University hospital in January 2016. LUH is now accredited for two 5th year training posts in Diagnostic and Interventional Radiology. The accreditation team indicated the developments that would be pre-requisites for programme expansion.

PROFESSIONAL COMPETENCE SCHEME AND QUALITY IMPROVEMENT PROGRAMMES

The Faculty supports its members throughout their careers via a number of quality resources, which are reviewed and updated regularly to ensure that they are consistent with current standards of practice and developments in the specialties. Dr. John Feeney chairs the PCS and QI committee.

This year the key challenges for the QI programme are set out in the RQI PCS report.

These include:

- Legal protection: This is a key issue for Radiologists. The Faculty is working to ensure data in PeerVue should be protected from FOI (not merely the data in NQAIS-Radiology)
- A draft Memorandum of Understanding (MoU) is being prepared for signature by Hospital CEOs, Radiology Departments and the RQI programme
- Radiology staff, time and resources. An estimate of the time and resources required by the local QI lead will be included in the MoU.
- Working Group membership: The working group is important in that they have ownership over the direction of the QI Programme
- A Management, Operation and Support (MOS) document is in progress.
- A QI User Forum Coordinator will be appointed to oversee the 3 National Diagnostic QI programmes – Radiology, Pathology and Endoscopy.



Faculty of Radiologists, RCSI: Dean and Officers 2015-16
L-R: Dr Anthony Ryan (Vice-Dean), Dr Max Ryan (Honorary Secretary),
Prof. Dermot Malone (Dean) & Dr Patricia Cunningham (Honorary Treasurer)

FACULTY FUNDED BURSARIES AND HIGHER TRAINING PROGRAMMES

The Faculty supports academic excellence through a variety of bursaries, travelling fellowships and out of programme experience as well as several prizes funded through a number of routes. Initiatives taken during the 2015-16 academic year are described in the Research Committee report.

CHANGES TO THE FACULTY BOARD AND THE EGM

This year the Faculty experienced three early resignations from the Faculty Board. As a consequence, an EGM was held at the Irish MRI Meeting 2016. At this meeting, proposed amendments to the Faculty standing orders were passed, allowing interim Board elections, in order to prevent under-representation of key Board members and Chairpersons at important meetings.

RETIRING MEMBERS OF THE BOARD

These have been thanked in detail in the Dean's report. I would also like to thank each one of them for their diligence and productiveness.

NEWLY ELECTED BOARD MEMBERS

The Board is delighted to see the return of Dr. Peter Kavanagh and Dr. Niall Sheehy as Faculty Board members. The newly elected board members are Dr. Rachel Ennis and Dr. Leo Lawler.

Dr. Kavanagh has agreed to assume the role as vice chair of PCS and Quality. He will work with Dr. Feeney on this complex agenda. Dr. Rachel Ennis will chair the Radiation Protection Committee.

THE BOARD OF THE FACULTY FOR THE YEAR 2015-2016 WAS CONSTITUTED AS FOLLOWS:

Dean of the Faculty	Prof. Dermot Malone (SVUH)	2009-14
Honorary Secretary & Dean Elect	Dr. Max F. Ryan (CUH)	2015-20
Honorary Treasurer	Dr. Patricia Cunningham (N.E.)	2011-16
Vice Dean	Dr. Anthony Ryan (UHW)	2012-17

Chair, Education	Dean of the Faculty	
Chair, Science	Dr. Niamh Hambly (Beaumont)	2013-16
Interim Chair, Science Committee	Dr Patricia Cunningham (N.E.)	2011-16
Chair, PCS/QI	Dr. John Feeney (Tallaght)	2014-19
Chair, Radiation Oncology	Dr. Pierre Thirion (SLRON)	2015-20
Chair, Research	Prof. Dermot Malone (SVUH)	2009-14
Chair, Fellowship Advisory Committee	Dr. Tim Scanlon (UHL)	2013-18
Chair, Radiation Protection	Dr. Declan Sheppard (UCHG)	2011-16
Vice-Chair, Radiation Protection	Dr Paddy Gilligan (Mater Private)	
Chair, International Affairs	Dr. David McNerney (Past Dean)	

Board Members:

Board Member	Dr. Colin Cantwell (SVUH)	2013-16
Board Member	Dr. James Clarke (RVH, Belfast)	2012-17
Board Member	Dr. Rachel Ennis (UCHG)	2016-20
Board Member	Dr. Carol McGibney (CUH)	2014-19
Board Member	Dr. Peter Kavanagh (Connolly)	2016-20
Board Member	Dr. Leo Lawler (MMUH)	2016-21
Board Member	Dr. Niall Sheehy (St James' Hosp.)	2016-21

Ex Officio Mr. Declan Magee, President, RCSI

Archivist for the Faculty Dr. David McNerney (Past Dean)

Five Board Meetings have happened since the September 2015 Annual General Meeting (AGM) period. Another meeting is scheduled to take place in October 2016, just after the AGM.



Board of the Faculty of Radiologists June 2016
 Back Row (L-R) Dr Peter Kavanagh, Dr Colin Cantwell, Dr John Feeney, Dr Tim Scanlon, Dr Rachel Ennis. Front Row (L-R) Dr James Clarke, Dr Max Ryan, Prof. Dermot Malone, Dr Patricia Cunningham, Dr Anthony Ryan

ATTENDANCE AT FACULTY OF RADIOLOGISTS BOARD MEETINGS:

Dean:	Term of Office	Attended
Prof. Dermot Malone	2009 – 2014	5
Honorary Secretary & Dean Elect:		
Dr. Max F. Ryan	2015 – 2020	5
Vice-Dean:		
Dr. Anthony Ryan	2012 – 2017	5
Honorary Treasurer:		
Dr. Patricia Cunningham	2011 – 2016	5
Board Members:		
Dr. Declan Sheppard	2011 – 2016	1 (resigned)
Dr. Anthony Ryan	2012 – 2017	5
Dr. Niamh Hambly	2013 – 2016	2 (resigned)
Dr. Tim Scanlon	2013 – 2018	5
Dr. Colin Cantwell	2013 – 2016	4
Dr. John Feeney	2014 – 2019	5
Dr. Carol McGibney	2014 – 2019	2
Dr James Clarke	2012 – 2017	5
Dr Pierre Thirion	2015 - 2020	5

Honorary Fellows 2015-2016:

This year three Honorary Fellowships of the Faculty of Radiologists in Ireland were awarded to the following recipients, who are described in more detail in the Dean's report:

In Clinical Radiology

Dr. Paul McCoubrie, North Bristol NHS Trust
Prof. Richard Baron, University of Chicago Medicine

In Radiation Oncology

Prof. Peter Hoskin, Mount Vernon Hospital, Middlesex

FACULTY INTERACTION WITH OTHER ORGANISATIONS

In a changing healthcare environment, the Faculty has sought to engage and liaise with local, national and international authorities on behalf of its Fellows and Members.

The Faculty is centrally placed to influence future interdisciplinary strategies with our colleagues in various colleges and faculties both in Ireland and abroad. As a Fellow or Member, I can assure you the journey we are taking will ensure the Faculty is competitive, leading edge and appropriate for the delivery of modern medical training.

Locally, liaison with the Surgery & Postgraduate Faculties Board, RCSI, ensures that local policies are synergistic with those of other RCSI faculties.

Nationally, relevant bodies include the National Radiology Programme; The National Doctor Training Programme (NDTP); The Forum of Post Graduate Medical Training Bodies and the Medical Council. The Forum, chaired by Prof John Crowe, worked hard to maintain and develop strong common positions on HSE initiatives among the PGTBs. The Board has, with the support of NDTP made good progress in securing clinical support for its officer positions in order to encourage and enhance volunteer participation in Faculty affairs by all Radiologists from all Irish Hospitals. The work of combining the National Radiation Oncology training programme with the other Faculty of Radiologists NDTP-funded structures has progressed satisfactory over the past year. All of this activity has occurred on a background of increasingly rigid contractual commitments and service workload monitoring for Consultants.

Internationally, our links include the Clinical Radiology Specialty Training Board, Royal College of Radiologists, UK; The Royal Australian and New Zealand College of Radiology; the European Society of Radiology as well as the ESR Leadership Meetings; the American College of Radiology and the RSNA.

ROYAL COLLEGE OF RADIOLOGISTS:

RCR Specialty Education Board: Prof. Dermot Malone and Dr. Max Ryan represented the Faculty at this committee, which provides valuable insights into appropriate directions for training programme development.

THE EUROPEAN SOCIETY OF RADIOLOGY (ESR)

The ESR has enjoyed continued success with its Pan-European examination (European Diploma of Radiology – EDiR). We are pleased to note that Dr. Barry Kelly and Dr. Adrian Brady are both examiners.

The Faculty sponsored a booth at the European Congress of Radiology (ECR) 2015 and some information about the organisation and upcoming meetings was available for ECR registrants.



Faculty Stand at ESR 2015

EUROPEAN COMMITTEES

Lead	Radiologist	Term
UEMS:		
• General	Dr. Colin Cantwell	2015-19
• Neuro-Radiology:	Dr. Seamus Looby	2015-19

ESR Committees:

The following ESR committees were attended at ECR 2016.

• Quality Safety & Standards	Dr. John Feeney	2016-18
• Education:	Dr. Barry Kelly	2014-17
• Research:	Dr. Owen O'Connor	2016-18
• ESR Radiology Trainee Forum:	Dr. Yvonne Purcell	2016-18

The International Societies committee meeting has been subsumed into the ESR Leadership meetings. If a meeting of this committee is held at ECR in future the Dean will represent the Faculty.

FACULTY ADMINISTRATIVE STAFF

Some of the greatest achievements are done by people you infrequently encounter as they quietly dedicate their lives to improving yours. These include Ms. Karen Milling (Operations Officer, Diagnostic Radiology), Ms. Sarah Drumm (Operations Officer PCS, QI) and Ms. Roma Acosta (Locum Executive Officer). (Ms. Jennifer O'Brien is currently on maternity leave. We congratulate her on the birth of her daughter), Ms. Lorraine Coughlan (Operations Officer Radiation Oncology). Ms. Kayla Gant (Interim Clinical Support & Desk 4). The Dean, Board, Fellows and Members of the Faculty are indebted to this excellent team for their efficiency, expert and comprehensive assistance with all aspects of our increasingly complex affairs.

We extend our thanks to Mr. Barry McGowan (RCSI Finance), Ms. Mags Browne / Ms. Rachel Hipwell (RCSI HR) and Ms. Collette Power (RCSI Estates) for their advice and support over the past year.

DR. MAX F. RYAN

Honorary Secretary & Dean Elect, Faculty of Radiologists

HONORARY TREASURER'S REPORT



The Faculty accounts for the year that ended 30th September 2015 were prepared with the assistance of Mr. Barry McGowan, Finance Department, RCSI and audited by Price Waterhouse Coopers.

The Faculty's financial affairs are managed by two committees, the Management Advisory Committee (MAC) and the Finance and General Purpose (FGP) committees. Membership of MAC includes: current Dean (Prof. Dermot Malone) and former Deans (Dr. Barry Kelly, Dr. Adrian Brady, Prof. Risteard O'Laoide), Honorary Secretary (Dr. Max Ryan), Honorary Treasurer (Dr. Patricia Cunningham), Vice Dean (Dr. Anthony Ryan), Faculty Radiation Oncologist (Dr. Pierre Thirion), Faculty Executive Officer (Ms. Jennifer O'Brien and Ms. Roma Acosta), RCSI Finance (Mr. Barry McGowan) and Human Resources representatives. This committee manages the business affairs of the Faculty. FGP deals with the day-to-day financial and general affairs. Membership includes the Faculty Officers, representatives from various sub-specialties including, Interventional Radiology (Dr. Colin Cantwell), Paediatric, Breast (Dr. Gormlaith Hargaden), Nuclear Medicine (Dr. Martin O'Connell), IT (Dr. Niall Sheehy) and Cardiac Imaging (Prof. Jonathan Dodd) subgroups and a trainee representative (Dr. Emily Aherne).

The Faculty continues to work and liaise with the National Doctors Training and Planning (NDTP) division of the HSE, through regular meetings with Prof Eilis McGovern (Director of NDTP). NDTP provide funding to support the day-to-day running of the Faculty, a rent allowance for Faculty Offices and funding for the Faculty of Radiologists training programme & its management, as well as aspects of the MedHub software, point-of-care online decision support (STATdx) and updated modular self-directed learning (ACR files) tools. Negotiations with NDTP for funding for the 2016-2017 academic year are at an advanced stage.

As always the Faculty is indebted to our industrial sponsors. In 2015-16, for the first time, a 'Partnership' funding Gold/ Silver/ Bronze tier structure was introduced as an option for companies. Each tier guarantees certain levels of integration between the Faculty and the sponsoring company. Many thanks to those who participated at the Gold Tier (Bayer, McKesson and Siemens) and the Bronze Tier (Healthcare 21 and Amgen) levels of the programme which the incoming Dean plans to continue and develop. Thanks also to those who contributed sponsorship for access to one or more events outside the tier programme.

During the last financial year the Faculty succeeded in obtaining additional funding from NDTP to expand and update the range of assessments for the trainees in our programme to keep it in line with other international training bodies. This has included the commencement of Multisource Feedback in Year 2 as well as development of competence based assessment appropriate for each level of training.

Faculty general financial affairs, including balance sheets are healthy and in order. Reimbursement for overcharges took place during the year. Faculty affairs and income from the training programme in Kuwait continue satisfactorily and a new contract is under negotiation. While the Faculty does not rely on the performance of our investment portfolio, we are pleased that they are performing strongly. As a consequence, PCS subsidies will continue and there will again be no increase in membership subscriptions this year. It has been agreed by Faculty to provide funding in the form of scholarships for Higher Training abroad in specific training posts using income from investments over a five year cycle. This will involve a 3 year Programme in Massachusetts General Hospital with 1 year funded by the Faculty and a 2 year Programme in the University of Washington, again with 1 year funded by the Faculty. These are described in more detail in the report of the Research Committee. Additional funding in smaller amounts will be available in the form of bursaries for those pursuing an approved higher degree other than a primary Radiology qualification (e.g. MSc, MD, MPH). The travelling bursaries previously approved to assist trainees who wish to attend and present their research at international meetings but who have exceeded their HSE reimbursement limits also remain in place.

Radiation Oncology training in Ireland is now centrally managed at the Faculty offices under the excellent stewardship of Dr. Pierre Thirion, Dr. Carol McGibney and Dr. Moya Cunningham with the able assistance of Ms. Lorraine Coughlan, who provides administrative support.

Faculty commitments are pro bono. The 2008 contract entitles Radiologists time to work on Faculty business. The Faculty considers it important that no hospital has a service gap and no department is short staffed as a consequence of Radiologists involvement and attendance in Faculty activities. Faculty has developed and refined a clinical support mechanism for those whose commitments exceed those of a typical Board Member. These include Dean, Honorary Secretary, Honorary Treasurer and the Chief FFR RCSI Examiners.

Ms Jennifer O'Brien, Executive Officer (and currently Ms Roma Acosta who is covering Jennifer's maternity leave) continues her excellent representation of the Faculty at meetings with RCSI, ESR, sponsors and outside agencies. Ms. Karen Milling remains as the Faculty Coordinator with a major role in day-to-day Faculty activities with a large commitment to the Training Programme and trainees. Ms. Sarah Drumm, has continued to proficiently manage our Professional Competence Scheme and in the last year had taken on the extensive role of Project Manager for the Strategic Review undertaken by the Faculty. I would like to take this opportunity to express my thanks to each one of them for their substantial commitment and dedication to Faculty affairs. During the year Ms Mary Fagan had taken over additional duties in the Faculty particularly in relation to distribution of the Trainees HSE Education Fund and the continuing work on Clinical Support before taking up a new post elsewhere. This work is now being continued by Ms Kayla Gant, who I would also like to welcome. Finally, my most sincere thanks to the Dean Prof. Dermot Malone, Honorary Secretary Dr Max Ryan, Vice Dean Dr. Anthony Ryan and all F&GP & MAC members for their generous time, suggestions, commitment and hard work over the past year.

Dr Patricia Cunningham

Honorary Treasurer and Chair of Finance
& General Purposes Committee

EDUCATION COMMITTEE



The Education Committee is the backbone of the Radiology training programme. It considers and recommends on matters related to applications, teaching, assessment, examination and progression. It works in conjunction with the other committees, especially the Fellowship Advisory Committee and the Research Committee, to ensure that the high standards of the Programme are maintained and that the Programme's evolution continues. It has the longest agenda of all the committees and is the committee fundamentally most important to our role as a postgraduate training body. Although this report is short, the matters under consideration by the Education Committee during the past year are many, overlap with the business of other committees and are therefore listed throughout the annual report.

The members of the Education Committee comprise the Educational Coordinators, who are largely relatively recently appointed Consultants. They are ideally placed to mediate between the SpRs and the Faculty. They show great commitment and are the cornerstone of our training. Many thanks to all the Co-coordinators for all their mentoring activities during the past year and also for their contributions at the committee meetings and plenary sessions.

Our National Training Coordinators, Dr. Mark Knox (Radiology) and Dr. Pierre Thirion (Radiation Oncology) have contributed a great deal over the past year. They have worked diligently and with great attention to both the processes and the personal elements of the programmes. Karen Milling, Jennifer O'Brien, Lorraine Coughlan and Kayla Gant provided the Radiology and Radiation Oncology programmes with the necessary administrative support.

Clinical skills were taught, as usual, in the Primary and Final FFR lecture programmes with enthusiasm and skill by Consultants from all the training hospitals. Many thanks to them, without their excellent teaching we would not have a Training Programme. Clinical Radiology courses taught included the IR Skills Course (organized by Dr. Colin Cantwell), the Emergency Radiology course (organized by Dr. Kevin O'Regan) and the Ultrasound Skills Course (organized and delivered by Dr. Mark Knox in conjunction with the UCD School of Diagnostic Imaging).

Non-clinical skills were again taught in the Professionalism Course. This course, for SpR 2 trainees, comprises 3 modules; Practice-based Learning (PBL), Audit, and Systems-based Practice & Management. The PBL curriculum includes small group psychology, conflict management, learning theory and evidence-based medicine. It is delivered via lectures, interactive group teaching, and project completion. Many thanks to Drs. Marie Staunton,

Mary Morrissey and Eve O'Toole, who delivered the PBL and subsequently the Audit modules to the Faculty 2nd year SpRs. The PBL module is also attended by the Northern Ireland 2nd year trainees, for whom it fulfils their 'Research' training requirement. The way in which the course promotes evidence-based practice in Radiology featured in the 2015 Radiographics monograph on quality, safety and non-interpretive skills published in October 2015. Many thanks to current and past SpRs Lisa Lavelle, Anne Carroll and Ruth Dunne for their work on this publication. Many thanks also to Mark Knox and Mary Morrissey, who organised and delivered the Systems-based Practice & Management courses for our trainees.



Dr Marie Staunton, Practice Based Learning Course 2015

The annual 'Train the Trainers' meeting concentrated on effective learning and teaching methods and on competence-based training. It was held in Carton House, Maynooth



Dr Liam McKnight, Train the Trainer 2015-Carton House , Maynooth

Construction and delivery of the programme was greatly assisted by our Honorary Fellows, Drs. Paul McCoubrie and Liam McKnight, and by a leading Irish educationalist, Dr. Josephine Boland.



View from Carton House, Maynooth during Train the Trainer 2015

A plenary session is, at the time of writing, to be held in September 2016, before the ASM, to consider the 'position paper' produced by the Strategic Review Group. These types of consultations are invaluable in helping the Faculty shape its policies and procedures.

The members of the Education Committee are listed later in this report. Once again my sincere thanks to them and to the National Training Coordinators for their assistance and input.

Prof Dermot E. Malone

Chairperson, Educational Committee
Dean, Faculty of Radiologists

PRACTICE BASED LEARNING PRESENTATIONS 2015/2016



Faculty of Radiologists, RCSI Practice-Based Learning Course 2015-2016 - SpR Presentations

FELLOWSHIP ADVISORY COMMITTEE (FAC)



This year the role of Fellowship Advisory Committee has expanded to include trainee career breaks, trainee deferrals, management of trainees in difficulty, SPR exit strategies, complex and non-complex CSCST requests and in and out of programme complex trainee issues.

A major achievement of this year's committee is the formulation of green and yellow forms, with which to record ongoing interactions between SpRs and Educational Coordinators. I would first of all like to thank Dr. Niamh Hambly and Dr. Maria Twomey for their invaluable input. The green and yellow forms will enhance and support the training programme and will iron out in programme and out of programme trainee issues at a local training educator coordinator level and also at the FAC/Faculty level.

For in programme trainees both involving Radiology and Radiation Oncology we have gained vast experience with the Practitioner Health Programme and I would like to sincerely thank Dr. Ide Delargy for her expertise and ongoing guidance into trainee difficulties.

An SLA was signed in 2014 between all the training bodies and the IMC regarding the application process for overseas graduates for Specialist Registration with the Irish Medical Council. It has been a success. Its aim was to standardise the processes and paperwork for Specialist Registration across all training bodies. This year there were less than five applications. I would like to thank Dr. Patricia Cunningham, Dr. James Clarke and Dr. John Feeney for their work as assessors over the past year.

Finally I would like to thank the Dean, the National Coordinator and Dr. Mark Knox for their guidance and assistance during the year.

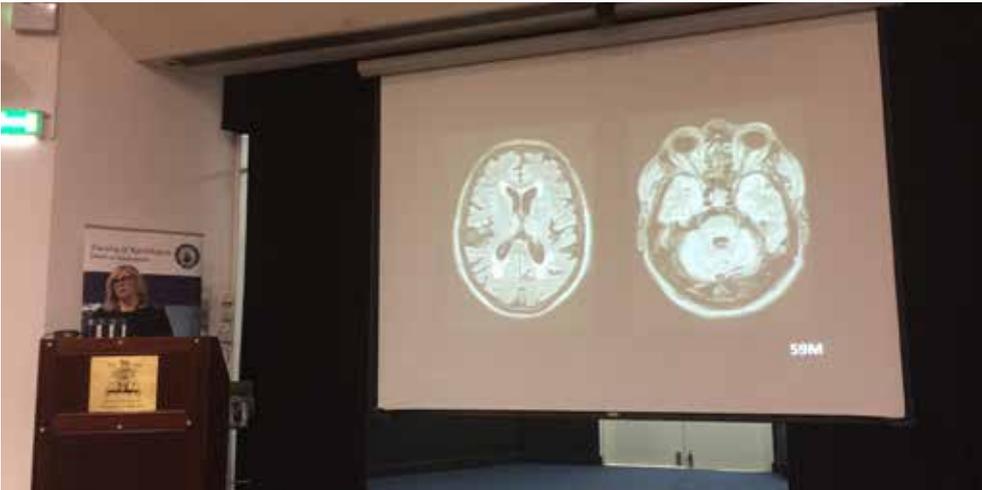
Special thanks also to Mary Fagan, Roma Acosta, Karen Milling, Sarah Drumm, Lorraine Coughlan, and of course Jennifer O'Brien for all their support in the Faculty office.

Dr Timothy Scanlon
Chair of the Fellowship Advisory Committee

SCIENTIFIC COMMITTEE



The Annual Scientific Meeting was held from the 24th–26th of September 2015 with a number of themes to the meeting including hepatobiliary imaging, colorectal imaging and two new departures; 'Ireland meets Iceland' and 'The Faculty of Radiology meets the Faculty of Dentistry'.



Dr Marianna Gardasdottir (Iceland) presenting at the ASM 2015

Professor Richard Baron from the University of Chicago gave a number of excellent talks including the Houghton Lecture on 'Understanding the Imaging of Cirrhosis'. Dr Paul McCoubrie from Southmead Hospital, Bristol gave the Fellows Lecture entitled 'The Strangest Man, Heterodoxy and Osler's Masterword: Paul Dirac and fostering excellence in radiological education'. The speakers were all of a very high standard and received very positive feedback.

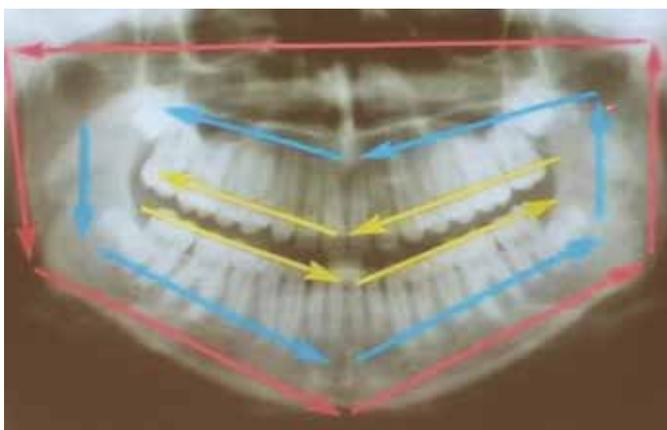


Prof. Richard Baron presenting the Haughton Lecture at the ASM 2015

The Irish MRI meeting (IMRIM) was held on January 16th 2016 at Carton House, Maynooth. The theme of the meeting this year was Spine and Musculoskeletal MRI. The meeting was very well attended and the new format without simultaneous sessions gained widespread approval.



Dr. Peter MacMahon presenting at IMRIM 2016 on Imaging of Severe Spinal Trauma



The Faculty of Radiology meets the Faculty of Dentistry' ASM 2015

The Combined Spring Meeting was held on April 8th and 9th 2016 at the Savoy Hotel, Limerick. The theme of this meeting was 'Ireland meets Vancouver' with a number of speakers who had trained or worked in Vancouver and those who have returned to Ireland. They delivered a wide range of highly informative, useful talks. Dr Bruce Forster was the invited speaker as well as visiting professor for the following week and made a tremendous contribution to the meeting including a Vancouver Masterclass on 'Experiences from the Vancouver Olympics'. There were also talks from the specialist registrars on audit and practice based learning topics which were of an extremely high standard. This year again a 'Management in Radiology' meeting was held the day before the Combined Spring Meeting. It was organised by Dr Leo Lawler and covered a range of topics of particular interest to Consultant Radiologists. It was again very well received with very good initial feedback. Dr Lawler deserves great credit and thanks for his endeavours with this initiative and it is hoped to have further similar meetings in the future.

The third annual Neuroradiology Meeting took place in the Hilton Hotel, Belfast on June 10th and 11th, 2016. This meeting was again organised locally by Dr Paul Burns, Consultant Neuroradiologist, with continued input from Dr Seamus Looby. Great credit is due to them for their work, with high quality national and international speakers and excellent interactive workshops.

On behalf of the Scientific Committee I would like to thank all the speakers and moderators who contribute so generously of their time and expertise during the year for the benefit of their consultant colleagues and trainees.

I would like to thank the members of the Scientific Committee for their advice, guidance and help during the year without whom our meetings could not be successfully undertaken. Finally I would like to thank Jennifer O'Brien, Karen Milling, Sarah Drumm, Lorraine Coughlan, Mary Fagan, Kayla Grant and Roma Acosta in the Faculty Office for their continued hard work and dedication.

Dr. Patricia Cunningham,
Interim Chair, Scientific Committee



Prof. Richard Baron lecturing at the ASM 2015

PROFESSIONAL COMPETENCE SCHEME AND QUALITY COMMITTEE 2015 – 2016



The primary focus of the past year has been the continued roll out of the Radiology Quality Improvement Programme which has progressed well, with two ICT systems now in active use. Peervue, the data gathering arm of the programme has been installed in 40 Radiology departments (including non-NIMIS and private sites). NQAIS Radiology, the reporting arm, has also been launched and will be available in all Radiology departments by the end of the year. NQAIS Radiology generates reports on how your department matches the national average in all of the Key Quality Indicators defined by the QI guidelines, which will in turn allow departments to address areas of underperformance. It has the potential to become a powerful tool to aid management of Radiology departments.

The Committee liaises continuously with the Specialty National QI Programme Steering Committee in the RCPI to ensure the QI programme is meeting the needs of Irish Radiologists. In particular we are actively working to ensure that the QI programme is protected legislatively in the long-anticipated Health Information and Patient Safety Bill, expected in 2017.

A QI programme workshop was held on May 31st, designed to inform QI lead Radiologists, PACS managers and Radiology clinical directors about detailed aspects of the programme. An important document was launched – the Memorandum of Understanding, which all individual participant sites will be expected to sign. Your continued engagement with the programme is essential and much appreciated!

The committee was also instrumental in the publication of the Open Disclosure Guidance Document which has received praise from QI advocates including the HSE open disclosure leads. The document emphasises “no harm” Radiology events do not merit disclosure and also advocates using the practical Australian system of ‘Clinician Disclosure’, in contrast to the original HSE policy document which advised formal disclosure for all near miss events. A copy of the guidance document can be downloaded from the Faculty website.

We have continued to administer the Professional Competence Scheme (PCS), ably lead by Ms Sarah Drumm. Each year, the Faculty offers a number of scientific meetings in locations around the country to enable our registrants to meet their external CPD requirements. For the 2015-16 PCS year, 82.25 credits were available from Faculty organised meetings. In addition to Faculty scientific meetings, 28 externally organised meetings were approved for credits, totalling 146.25 credits. Information on future events is available on our website: <http://www.radiology.ie/conferences/upcoming-events/>

The Faculty meets representatives from the other Irish Postgraduate Training Bodies and communicates with the Medical Council on a regular basis to ensure that we are meeting the requirements of the PCS as agreed with the council. We recently signed a further one-year extension of our agreement with the Medical Council for facilitating the PCS.

Dr John Feeney
Chair, PCS/QA Committee

RADIATION ONCOLOGY COMMITTEE 2015-2016



In contrast to the major changes seen in previous years, the Radiation Oncology committee experienced a steady membership over the past twelve months. The Local Hospital Training Coordinators were respectively Dr Moya Cunningham & Dr Sinead Brennan for the St Luke's Radiation Oncology Network, Dublin, Dr Jennifer Gilmore for Cork University Hospital; and Dr Cormac Small for Galway University Hospital. Dr Pierre Thirion took the position of Committee Chairperson and was also elected to the Faculty Board, joining Dr Carol Mc Gibney. Additional Radiation Oncology Committee membership included Dr Sinead Brennan, Coordinator of the National Final FFRCSE exam lecture program, Dr Orla Mc Ardle, SLRON Clinical Lead, Dr Carol Mc Gibney, Radiation Oncology Board member, Dr Charles Gillham & Dr Joseph Martin, Final FFRCSE Chief Examiners, and Dr Ronan Mc Dermott, SpR representative.

The Radiation Oncology Committee benefited from the indefectible support of Ms Lorraine Coughlan. The small Faculty Radiation Oncology community also acknowledges the support and expertise provided through the year by our Radiologists' colleagues.

SPECIALIST TRAINING PROGRAM

Over the past two years the Radiation Oncology Committee has been in discussion with Professor Eilis Mc Govern, Director of the HSE National Doctors Training and Planning (NDTP), about expanding the training programme. From July 2016, an additional training position will be opened in Galway University Hospital, bringing the total number of accredited training positions to 17 for the country. In addition the principle of a regular intake of up-to 4 new trainees per year from 2017 was also agreed to ensure the future development of the speciality at a national level and the sustainability of the training programme. The distribution of the new training positions across the three accredited training centres remains to be decided.

The FFRCSE examination format and organisation have also gone through major changes this year under the leadership of Dr Joseph Martin and Dr Charles Gillham. As is already the case for the primary FFRCSE examination, the final FFRCSE examination will now share some of its components with the one set by our British colleagues of the Royal College of Radiologists UK. The two training organisations have agreed to share the written-part A of the Final FFRCSE in the format of two 'single best answer' papers, adapted to the specification of the national practice.

FFRCSE EXAMINATION RESULTS

Over the past academic year, Dr Naomi Lavan completed her training successfully and is acquiring further training experience and competencies through a fellowship in United

Kingdom. This coming year, four trainees, Dr Aisling Barry, Dr Bolalne Ofi, Dr Kathy Rock and Dr Daniel Cagney, are expected to complete training. Dr Maeve Keyes and Dr Richard Moore have successfully passed the primary FFRC SI examination.

ANNUAL SCIENTIFIC MEETING 2015

The 2015 Annual Scientific Radiation Oncology took place on September 25, 2015 in the Royal College of Surgeons, Dublin, with a scientific program focusing mainly on two topics: hypofractionated radiation schedules and the management of long-term radiation induced sequelae. The former topic represent a recent change in paradigm in the field of Radiation Oncology practice, partly supported by some seminal research and publications by Professor Peter Hoskin, recipient of the 2015 Radiation Oncology Honorary Fellowship. In addition to sharing his expertise and experience in hypofractionated radiotherapy, Professor Peter Hoskin delivered his key-note address on the potential role of Stereotactic Radiation Therapy in oligo-metastatic disease, one of the new frontiers of our speciality.

The scientific program benefited from the contribution of presenters from the all-Ireland Radiation Oncology community and several additional invited speakers from other medical specialities, sharing their experience and expertise on various subjects, including Hyperbaric Oxygen in the treatment of radiation induced sequelae (Dr P White, Galway University Hospital) and the new chemotherapy strategies in Hodgkin Lymphoma (Dr D O'Donnell, St James's Hospital, Dublin).

2015 REGISTRAR'S PRIZE

The 2015 Registrar's Prize took place in the Royal College of Surgeons on September 26, 2015. The winners were respectively Dr Siobhra O Sullivan for the Senior category with *"The radiotherapy implications of the ASOCOG Z-11 trial in clinical practice - an international multicentre study"*, and Dr David Lynch for the junior category with *"Management of a positive sentinel lymph node at University Hospital Limerick- Oncological patterns of care"*

8TH RADIATION ONCOLOGY ANNUAL UPDATE MEETING

This year annual update meeting took place in Killashee House Hotel on April 15-16, 2016, and gathered the all-Ireland Radiation Oncology community. The scientific programme focused on recent developments in the speciality, presenting and discussing the recent main publications and conference presentations, with several presenters joining from United Kingdom. The visiting speaker was Dr Imogen Locke, Head of Clinical Oncology at the Royal Marsden Hospital, London.

On The Friday evening NCHDs presented complex cases and the best was awarded to Dr John Gaffney, Galway. The Professor D Hollywood Travelling Fellowship was awarded the following day to Dr Aidan Cole from Belfast who will undertake a head/neck IMRT fellowship in the Peter MacCallum Hospital, Melbourne, Australia

Dr Pierre Thirion

Chair, Radiation Oncology Committee



Prof. Peter Hoskin Lecturing at the ASM 2015

INTERNATIONAL AFFAIRS COMMITTEE



The Faculty Overseas Training Programme in Kuwait was carried on with considerable success in the academic year 2015/2016. The Committee met on 5 occasions. Full Part I and Part II Training Courses were conducted under the able direction of the Coordinator Dr James Masterson.

The annual assessment of the trainees was carried out by the Coordinator and the Dean on their visit in spring 2016. Kuwaiti candidates sat the Part II examination in November 2015. Eighteen Kuwaiti trainees sat the exam and nine were successful.

In addition a Part II examination was conducted in Dublin in April 2016, at which four Kuwaiti candidates sat, three being successful.

In the Part I Examination in May 2016 in Kuwait, five of seven Kuwaiti candidates were successful.

The Committee thanks the Examiners for their conduct of the examinations in Kuwait, Dr Orla Buckley, who now steps down as Chief Examiner, to be succeeded for a single cycle by Dr Neil O'Donovan and subsequently by Dr Ciaran Johnston. Prof William Torreggiani has conducted the Part II examinations. Dr Daragh Murphy has taken over as Chief Physics Examiner. The involvement of Kuwaiti examiners in these structures as part of the continuing development of the Kuwaiti teaching programme has been the subject of ongoing discussion.

The development of 5th Year Training Posts for Kuwaiti candidates in Ireland has proceeded successfully as part of the International Medical Graduate Training Initiative. Seven candidates have been selected at interview and together with three existing candidates this will bring to a total of ten the number of Kuwaiti-based 5th Year trainees rotating through the Irish hospitals. Seven of these are funded from Kuwait and three by the HSE. These structures are based on the IMGTI (International Medical Graduate Training Initiative), an agreement between the HSE, KIMS and the Faculty. This is at present under negotiation between KIMS (the Kuwaiti Training Body) and the Faculty.



Dr David McInerney and Dr James Masterson, at the ASM 2015

On the initiative of the Coordinator, a gold medal to be awarded to the best Kuwaiti candidate at the annual Part I examinations has been instituted. This is to be named the Najib Al Marzouk Medal in honour of Dr Najib Al Marzouk, a distinguished Kuwaiti Radiologist who participated in the Faculty scheme and has been for many years a great supporter of the programme in Kuwait.

As the present contract ends early in 2017, the Dean and the Coordinator on their visit in February 2016 commenced negotiations which are ongoing. Ongoing changes in the Part II examination structure and a method for progression of trainees through the Training Programme having regard to the level of achievement in examinations and assessments have been agreed.

The Faculty have decided to widen the scope of the activities of International Affairs by involving it in the nomination of Irish Radiologists to many international committees and receiving reports on these matters, as appropriate.

As Chairman of the Committee I wish to place on record my sincerest thanks to all the teachers in the Training Programme and also the Officers and staff of the Faculty for the hard work and commitment which they have shown. In particular I thank the Coordinator Dr James Masterson for his devotion to duty. For the Faculty overall, the international Teaching Programme is valuable in drawing in the interest of so many of the new and excellent young Radiologists who have been appointed. Radiologists who wish to participate in the Programme are cordially invited to communicate with the members of the committee.

The committee thanks also our Kuwaiti colleagues Dr Tariq Sinan, Chairman of the Faculty of Radiology, Dr Fayza Al-Hajry, Acting Programme Director and Prof Sheikh, Head of the University Department of Radiology, University of Kuwait.

Dr David Mc Inerney

Chairperson, International Affairs Committee



Kuwaiti Institute of Medical Subspecialisation-Resident Administration Office

RESEARCH COMMITTEE



At the local level, the existing training programme has always produced high-quality clinical Radiologists. Assessment and training is continually being upgraded. Over the past ten years, non-interpretive skill sets have been introduced into the training programme to improve Radiologists ability to search and interpret the literature (and manufacturer's claims), perform audit and retrospective reviews of experience and to understand the environment in which we practice. These are 'professionalism' requirements for all Radiologists.

A few Radiologists want to build on these skill sets and learn how to participate meaningfully in prospective research. This goes beyond 'descriptive' Radiology and includes origination of clinical studies and protocol design along two academic tracks. First, to address fundamental questions about health and disease mechanisms in the laboratory and in the field (Translational/ Molecular Radiology) and second, clinical practice improvement and health services research (HSR). Development of both tracks requires that Radiologists emerge from our programme who are either capable of leadership of independently funded groups in translational research or who will be valued advisors to the Health Service planners, centrally influencing Radiology workforce and utilization etc. These academic tracks have been developed so that the academic training can be combined with high quality clinical Radiology Fellowships and are jointly funded by the Faculty and the host institutions to achieve these goals.

In 2015, the HSE developed a new incremental framework of remuneration for new Consultant appointments which included post-CSCST seniority points in recognition of some higher degrees. In 2016, the Radiology Programme introduced the concept of Radiology Informatics/ Systems Management as a recognized non-clinical skill set into discussions with the HSE. The Faculty Strategic Review builds on these concepts and proposes 'Radiology Service Optimization' as a legitimate Consultant Radiologist skill set. These actions synergised with the Research committee's activities.

Three initiatives were developed and approved by the Board. These were:

1. The MacErlaine/ Massachusetts General Hospital Scholarship in Molecular / Translational Imaging. This was originally developed by the Academic Radiology Research Trust (ARRT) of the St. Vincent's Radiology Group which had been initiated by Prof Donal MacErlaine (who is a former Dean of the Faculty) in the interest of the development of Research infrastructure. ARRT funding for the initiative has ended and the Faculty has now taken it over. The 2016 scholarship was awarded to Dr. Aileen O'Shea. Research training will take place in Harvard University, Boston in parallel with training in Abdominal Radiology,

beginning in 2018. The next scholarship will be awarded in the 2020-21 academic year.



Massachusetts General Hospital and Harvard University Crests

2. The Faculty of Radiologists/ University of Washington Collaborative Scholarship in Health Services Research. This was awarded to Dr. Michael O'Reilly. Research training will take place in Seattle, in parallel with training in Neuroradiology and Emergency Radiology, beginning in 2018. The next scholarship will be awarded in the 2020-21 academic year.



University of Washington Crest

3. The Faculty of Radiologists Higher Degree Support Bursary. A call for interest was made in July 2016 and the closing date has not yet been reached at the time of writing this report.

Dr. Anne Carroll regularly reported back to the Research committee on her progress with the first year of the Oxford MSc in Evidence-Based Healthcare, which she is pursuing with Faculty support in parallel with Higher Training in Neuroradiology. The St. Luke's Institute of Cancer Research (SLICR) Fellowship in Radiation Oncology continued under the joint auspices of St. Luke's Radiation Oncology Network and the Faculty.

The Research committee also monitored the Faculty medal awards and the activities of the ESR Research Committee, which is currently focused on biomarker research. The death of Dr. Ray Fielding (who had originally proposed the Fielding medal, sponsored by his family, to Dr Adrian Brady and the Faculty Board) was noted with regret.



Dr Ray Fielding in September 2012

Communications took place between the Faculty and the College of Anaesthetists and the Forum of PGTBS. The former have had an academic track approved by NDTP that allows Anaesthesia SpRs to obtain a PhD or MD en route to their CSCST. The latter are supporting a Wellcome Trust Scholarship initiative. Further evaluation of these concepts and how they might apply within the Faculty of Radiologists Training Programme is planned in the 2016-17 academic year. It is also planned to work on a 'Framework Document' for the future development of Academic Radiology in Ireland.

Many thanks to Dr. Owen J. O'Connor and Prof James Meaney for their contributions as members of the committee and to Dr. Gerard Healey and Dr Victoria Brennan (Radiation Oncology) who ably represented their SpR colleagues. The support of Dr Max Ryan (Honorary Secretary and Dean-Elect), Dr Patricia Cunningham (Honorary Treasurer) and Dr Anthony Ryan (Vice-Dean) for their analysis, practical advice and support during the development of new initiatives was greatly appreciated. Karen Milling, Roma Acosta and RCSI IT services worked hard to make the international element of our scholarship interviews a success. Finally, many thanks to Prof Michael Blake, Prof Debra Gervais, Prof Mukesh Harisinghani (MGH), Prof Adrian Dixon (Cambridge) and Prof Jeffrey Jarvik, Prof Janie Lee and Prof Christoph Lee (U Washington) for their support and for participating in our first set of 'live' international scholarship interviews.

Prof. Dermot Malone

Dean, Faculty of Radiologists

RADIATION PROTECTION COMMITTEE



One hundred and twenty years after the first radiographs were taken in Ireland, radiation protection remains a significant and important issue. The last year has seen some very important developments in practical radiation safety and regulatory radiation protection administration. The Faculty of Radiologists remains a key contributor to staff and patient radiation safety in Ireland and indeed throughout Europe. During the year, Dr. Declan Sheppard, due to family commitments stepped down as chair with myself taking over as interim Chair. Declan made a strong contribution to a vital committee with practical output and strong engagement, which was much appreciated by all on the committee.

In September 2015 the IAEA conducted an integrated regulatory review system (IRRS) of radiation protection arrangements for Ireland. The IRRS team identified certain issues warranting attention or in need of improvement and believes that consideration of these would enhance the overall performance of the regulatory system:

1. Implement an effective legal framework for the regulation of patient protection and urgently put in place arrangements to carry out inspections and enforcement to ensure patient protection;
2. Ensure that the regulatory body for patient protection is independent and does not have responsibilities for, or interests in, providing medical exposure to ionizing radiation;
3. Ensure effective coordination between the EPA and the regulatory body for patient protection;

The drafting of the legislation on foot of the new ionising radiation EU directive, BSS, EU/59/13 is due to be complete by September 2017 and must be law in Ireland by February 2018. The Faculty of Radiology has not been involved in drafting of the law so far and the Dean has written to the Department of Health and Children stating the importance of their involvement. The wording of the legislation will impact on how Radiology in Ireland will be run until 2032 so the input of the body representing and training individuals responsible for clinical radiation exposure is critical. The new occupational eye dose limits will impact on caseloads for certain interventional teams.

The committee regards the use of appropriate levels of radiation for the clinical exams as a key quality corner stone. This is achieved through audit and dose tracking, particularly in CT and interventional. The audit process should reduce the number of inappropriate high dose outliers which have cancer risks and in utero developmental risks and low dose outliers which may have poor image quality. The NIMIS project had the foresight to include dose tracking in the original specification. The committee has engaged with the HSE to progress the appointment of a principal physicist who would set up systems to analyse the data and provide technical assistance to hospitals. There are potential savings of €1,000,000 compared to locally deployed

solutions to reduce cancer and other radiation risks, implement the EU directive and meet the HSE dose tracking guidelines. Dr. Niall Sheehy has reviewed the new ESR guide appropriateness system which may ultimately replace the iRefer guidelines currently in use in Ireland. Successful deployment will depend on the development of Electronic patient record and RIS systems.

The committee welcomed the input of the Dean in assisting the Medical Council in renewing its ionising radiation committee. The Medical Council has significant duties around producing guidelines, approval of new procedures and specifying training courses. The Medical Council have indicated the committee, which had not sat since 2007, would sit again in autumn of 2016. The Medical Council will also have a critical role in the new legislation.

The Radiation Safety committee continues to develop methods of training including the development of electronic learning for radiation safety. Dr. Owen J O Connor has been instrumental in establishing links with the Asser centre in UCC and companies involved in hands on simulation of radiation protection performance. The training programs are to be established based on the ESR Syllabus and EU RP175 guidance. The committee supports these exciting developments in competence based training and assessment which should reduce the impact of training curves on patient safety.

The committee, through Dr. Richard Kavanagh, presented a poster at the Eurosafe project ECR 2016. The poster entitled "Eurosafe: Ireland's approach to dose reference levels and preparation for EU Directive 2013/59", represented a strong collaboration between the Faculty, the Irish Association of Physicists in Medicine, the schools of radiography and MERU. The poster was highly profiled and mentioned at a number of key note talks.

A similar collaboration was seen when the Faculty participated in the pregnancy guidelines workshop on the 26th February. This workshop recognised that more detailed guidelines are needed to overcome the discrepancies where female patients may or may not get access to different exams depending on individual hospitals local pregnancy policy. The committee welcomed the strong presentations by Dr. Michelle Mc Nicholas and Dr. Aisling Snow. The workshop hopes to bring detailed step by step guidelines around this sensitive topic. The workshop took place on the day when Ireland lost a key contributor to radiation safety, medical physics and radiological education, Professor W.J.M. van der Putten. The committee noted his significant impact to Ireland's radiological health service which was eloquently summarised in Prof. Peter Mc McCarthy's tribute in the Irish Times.

Dr. Paddy Gilligan, Vice-Chair of the Radiation Protection Committee

Dr. Declan Sheppard, Chair of the Radiation Protection Committee

TRAINEE SUBCOMMITTEE



The Trainee Subcommittee held its inaugural meeting in May 2015 and was composed of SpR representatives from the other Faculty committees. Our stated aims were to provide a formalised means of communication between Radiology and Radiation Oncology trainees and the Faculty, provide trainee input into Faculty policy discussions and represent trainee interests at a Faculty level.

The work of the Trainee Subcommittee over the past year included the following highlights:

- Members of the Trainee Subcommittee sat on the Scientific Basis of Medical Imaging Subgroup, tasked with reviewing the Part 1 FFRRCSI Physics curriculum and on the Model 3 Hospital Curriculum and Assessment Subgroup, tasked with assessing the feasibility of Radiology SpRs rotating through model 3 hospitals during their training.
- Consultation between the Trainee Subcommittee and Prof. William Torreggiani facilitated relevant sections of the Faculty film library being relocated to AMNCH Tallaght, where it is available for Radiology trainees to utilize in preparation for the Part 2 FFRRCSI examination.
- The Trainee Subcommittee was instrumental in achieving a reduction in the graduation fees for those trainees who are successful in the Part 2 FFRRCSI examination.

Going forward, we hope that the role of the Trainee Subcommittee within the Faculty will continue to expand and we hope to continue to facilitate communication between trainees and the Faculty. With this in mind, plans are in place to have at least one SpR from each Radiology training site sitting on the Trainee Subcommittee as well as an increased number of representatives from the Radiation Oncology training programme.

I am honoured to have served as the first chair of the Trainee Subcommittee and am delighted to hand over to the incoming Chairperson Dr. Michael O'Reilly and his Vice-Chairperson, Dr. Aileen O'Shea. I would like to take this opportunity to thank all of the Trainee Subcommittee members for their hard work throughout the past year.

The Trainee Subcommittee can be contacted at traineecommittee@radiology.ie.

Dr. Richard Kavanagh
Chair, Trainee Subcommittee

BREAST SUBGROUP



The Breast imaging group met as part of the Annual Scientific Meeting 2015. Prof. Ann O'Doherty, as out-going chairperson, was acknowledged and thanked for her time and commitment to the group since its establishment in 2003. We look forward to her continued support.

The meeting focused on the role of the NCCP in the symptomatic service and the need for strong Radiology representation. Other issues that were discussed included the approach in the various units to managing patients with a family history of breast cancer; this remains extremely challenging in the absence of dedicated resources. It was felt that patients presenting with mastalgia could be best managed by direct referral by GPs for mammography. Newer techniques including vacuum excision biopsy and tomosynthesis were also addressed.

There was significant interest in developing an educational meeting in addition to the annual scientific meeting. The first meeting was held in April 2016 where there was an excellent attendance at a series of lectures and didactic talks given by Prof Sandra Brennan from Memorial Sloan Kettering, New York.

Dr Gormlaith Hargaden
Breast Imaging Group

CARDIAC IMAGING SUBGROUP



THE ANNUAL SCIENTIFIC MEETING 2015

The Cardiac Imaging Group met as part of the Annual Scientific Meeting of the Faculty in September 2015.

The most important message from the meeting is that cardiac imaging is growing across the country. Many new sites have now taken it up into their routine practice.

Cardiac CT: Several new cardiac CT applications were discussed, including TAVI protocols, there was a discussion regarding the potential for stress perfusion cardiac CT and there was general agreement that low dose cardiac CT techniques should be applied as widely as possible. An increasing number of hospitals around the country are now actively performing cardiac CT.

Cardiac MRI: Members reported on their use of Regedenson for cardiac MRI stress testing rather than standard adenosine; all finding it much easier logistically; T1 mapping was discussed briefly and its potential applications were evaluated. No centre is doing it in clinical routine practice.

General: There was general group consensus that access to GP's for cardiac CT should continue to be promoted.

EUROPE

The European Society of Cardiac Radiology Annual Meeting held its 15th anniversary meeting in Vienna, Austria in 2015. Dr. Carol Ridge reported back that as always there was an extensive depth of speakers from around the world and a state-of-the-Art review of cardiac CT and MRI.

Training

European residents (largely Dutch and German) are sub specializing in their 4/5th year with the goal of sitting the ESCR diploma in the fifth year. The ESCR CT/MR registry is being used by trainees to validate their experience in order to sit the diploma. ESCR are also running beginner and advanced courses once a year, which also contribute towards the requirements for diploma eligibility. A new development is that as of Spring 2016, the courses will be piggybacked onto the ECR meeting in Vienna.

Faculty of Radiologists in Ireland ESCR membership:

Remember that as a member of the Faculty, Irish Faculty members can avail of a reduced membership fee (which also entitles you to use the registry).

HOT TOPICS

T1 mapping is a hot topic currently, particularly in MRI although some work on cardiac CT extracellular space quantification is also occurring. Cardiac CT radiation dose was widely discussed including low dose (70 kV) and TAVI imaging was emphasized at the meeting also. The consensus on calcium scores is that they should still be done as part of a complete coronary risk assessment.

European CT and MR registry

No centre in Ireland is using the registry. One possible benefit of it is that by the end of 2015, ESCR are providing a structured report template and if you use this template, it will make data entry into the registry much faster. It also allows consultants/registrar to validate their experience. No images are uploaded, in order to avoid disclosure or breach of DP.

BSCI

Dr. Ridge met Steve Harden from Southampton and he expressed great interest in collaborating with us on various aspects of cardiac imaging in Ireland. The potential for a combined meeting was also raised. Dr. Michelle Crawford Jefferson from Belfast commented on the BSCI also at the Annual Scientific Meeting. One of the main projects that the BSCI are working on is to establish what training opportunities are available in cardiac imaging for both Radiology and Cardiology trainees, within the UK and further afield. The new BSCI website was recently launched with specific sections for training and fellowships. The committee would be keen for Ireland to be involved and this is to be explored further by the subcommittee.

NEW MEMBERS

It is with great pleasure that I introduce Dr. Julie O'Brien as the new Chair of the Cardiac Imaging Subcommittee of the Faculty. Dr. O'Brien has extensive experience in both cardiac CT and cardiac MRI and will bring a wealth of energy and knowledge to the role. We welcome her and give her our full support.

Prof Jonathan Dodd

Chair, Cardiac Imaging Subgroup



ASM 2015-Poster- The Use of Colour Coded Three Dimensional Printed Models of a Congenital Heart Defect to Assist Surgical Planning for Heart Transplantation-Michelle L. Smith, Lars Nolke, Michael K. O'Reilly, John Murray, James F. X. Jones
L-R: Dr David Mitchell (MMUH), Dr Michelle Smith (UCD)

INFORMATION TECHNOLOGY SUBGROUP 2015-2016



TWITTER – The Faculty is now tweeting! For those Fellows who use Twitter, we would like to encourage you to follow and re-tweet the Faculty's account - @radiologyirl – Please re-tweet us. We will use the account to tweet Faculty news and items of Radiology interest. If you have items of Radiology interest on Twitter then let us know or even better, Tweet them and we will re-tweet you! This is a new way for the Faculty to communicate with Fellows and the Public. It replaces the one-page Newsletters that used to be sent by snail mail two or three times a year, so please follow us if you are on Twitter.

If you are not familiar with Twitter, Sarah Drumm has written the following guide:

The Faculty of Radiologists' twitter account has been active since August 2014, and is a way for the Faculty to engage with Radiologists, SpRs and the wider public in a less formal setting than the website. The Faculty follows a number of different institutions and accounts who have in the past tweeted items that might be of interest to our followers. These include the Royal College of Radiologists, the Post-graduate training bodies in Ireland, the Irish Institute of Radiation Therapists and various accounts that tweet on medical and quality issues nationally and internationally. This engagement enhances the Faculty's visibility, while also allowing us to advertise scientific meetings etc. Crafting tweets can be challenging and we are occasionally hampered by the 140 character rule but it does encourage pithy and direct communications.

To see the Faculty's latest tweets, go the Faculty homepage (www.radiology.ie) and on the right hand side, the most recent tweets are visible. To view all of our twitter feed, click 'view on twitter' or search for 'radiologyireland' or our twitter handle @radiologyirl.



<https://twitter.com/radiologyirl>

To follow us and see our tweets, just click on the button marked 'follow' button on the right hand side. We welcome suggestions for tweets, including any articles that may have been published – all such ideas can be sent to pcs@radiology.ie

Dr. Niall Sheehy
Chair, IT Subcommittee

INTERVENTIONAL RADIOLOGY SUBGROUP



In October 2014, Prof. Michael Lee through the Irish Society of Interventional Radiology brought together a broad section of the national Interventional Radiology (IR) community to progress the national recognition of IR. Securing subspecialty status will underpin IR's importance in modern medicine in Ireland but also afford its practitioners greater control over the future of their discipline. Prof. Lee, Dr. Tony Geoghegan and I drafted a document that aimed to create the framework for a subspecialty of IR within the Faculty of Radiologists. In March of 2015, the Board of the Faculty of Radiologists adopted and submitted an application to the Irish Medical Council for specialty status for IR. In the same month the Medical Council closed this process to applications pending a review of the process for subspecialty recognition which is ongoing.

The Interventional Radiology group has developed a national survey of current IR staffing levels and service provision across the hospital networks in order to provide a reference document to support local needs and plan training for future staffing for the provision of IR services in Ireland. Dr. Anthony Ryan is progressing an IR training document as a basis for negotiations between the Faculty, the NDTP and HSE Acute Hospitals division.

The IR fifth year program and IR curriculum relevant to the specialty training will be examined in the strategic review process in September 2016. The European Board of Interventional Radiology (EBIR) has been adopted as an exam for assessment in IR trainees who wish to pursue IR as a career and has been taken by our second cohort of IR trainees. IR teaching to medical students, nurses, and radiographers through university programs continues. After five years of coordinating the IR training day for Radiology second year SpRs in RCSI, I have passed the role to Dr. Anthony Ryan.

Many IR practitioners are engaging in the European development of the specialty; Prof. Lee is a past president of CIRSE and continues as the secretary of UEMS IR section, Dr. Anthony Ryan is the current President of the Irish Society of Interventional Radiology and sits on the membership committee of CIRSE and Dr. Gerard O'Sullivan is an EBIR council member and EBIR examiner.

We congratulate our IR fellows who have progressed in their academic rank: Prof. Leo Lawler and Prof. William Torreggiani.

The Faculty and Prof. Michael Lee in April 2016 welcomed an IR fundamental course to RCSI regarding IR management of DVT & Pulmonary Embolus and over 1,500 delegates attended the seventh European Congress on Interventional Oncology in the national convention centre, Spencer Dock from the 17th to the 20th of April.

Dr Colin Cantwell
Interventional Radiology Sub Group

IRISH HEART FOUNDATION COUNCIL ON STROKE REPORT



The Faculty of Radiologists is represented on the Irish Heart Foundation Council on Stroke by Dr. John Thornton, Clinical Lead for Stroke in Beaumont Hospital.

The role of diagnostic and interventional Radiology in the management of patients with acute ischaemic stroke has increased considerably in recent times. Following the conclusion of multiple international randomised controlled trials comparing endovascular thrombectomy versus best medical management in patients with large vessel occlusion, the standard of care for acute ischaemic stroke now includes rapid clinical and radiological assessment with CT scanning and emergent endovascular thrombectomy.

In 2015 The Irish Heart Foundation reviewed its guidelines on IV thrombolysis, to include the potential for consideration of patients for endovascular thrombectomy.

The HSE through the Acute Hospitals Division and National Stroke Programme has determined that The National Endovascular Stroke Service will be provided on a two centre model with Cork University Hospital and Beaumont Hospital providing the service for patients from all over the country. However, no additional funding has as yet been granted for the development of the service. The Irish Heart Foundation Council on Stroke through its advocacy role will be requesting the government for adequate resourcing of this new service.

Following successful development of stroke services through the National Stroke Programme with significant increases of stroke units in the hospitals throughout the country as well as significant increase in the IV thrombolysis rates and on the back of the 2015 National Stroke Audit, the Council on Stroke in the Irish Heart Foundation in 2016, will be developing its second Stroke Manifesto. This is a document through which the council call on the government to appropriately resource the stroke service at each step in the patient journey from stroke prevention, early acute stroke treatment, rehabilitation following stroke and long-term care for stroke survivors, with the aim of reducing the morbidity and mortality associated with this condition which has always been a major burden on health and the cost of health care, globally and until recent times has been poorly resourced and organised.

The council organised the Irish Heart Foundation National Stroke Study Day in February, an excellent panel of invited speakers, spoke on all aspects of stroke care, with particular emphasis on recent development in diagnostic and interventional Radiological management of acute stroke patients. A large selection of oral and poster presentations were on display reflecting the significant volume of ongoing research into stroke in Ireland at present. There was a significant Radiological component to all of this.

As Radiologists, we need to continue to work closely with our medical colleagues in the

management of stroke patients and in the development of the National Stroke Service, through the Council on Stroke in the Irish Heart Foundation and also together with the National Stroke Programme.

Dr John Thornton

Consultant Interventional Neuroradiologist & Clinical Stroke Lead, Beaumont Hospital

RADIONUCLIDE IMAGING SUBGROUP



IRISH NUCLEAR MEDICINE ASSOCIATION (INMA) AND NUCLEAR MEDICINE SUBGROUP.

The INMA held its annual study day in November 2015. Invited speakers presented on innovations in PET/CT, PET/MR and the use of Ventilation/Perfusion SPECT (V/Q SPECT) in thromboembolic disease. It was noted that V/Q SPECT should be the standard of care, for most indications replacing planar probability imaging. The association is grateful to Dr Paul Schleyer, Dr Marika Bajc and Helen Calvey for their input to the meeting this year. Additional topics discussed including the physics of SIRT microsphere therapy, the process of introducing new PET tracers in Ireland, challenges surrounding the use of SPECT/CT and the evolution of Zevalin therapy.

There was a broader discussion of the role of Nuclear Medicine in Ireland. Nuclear Medicine is not a speciality recognised by the Medical Council and the structure of practice is based mainly through the Faculty of Radiologists, with the umbrella group for Physicians, Physicists and Radiographers specialising in Nuclear Medicine being the INMA. The subspecialty faces challenges in terms of physician and public awareness. The INMA has a role in working with the Faculty of Radiologists, the National Cancer Control Programme (NCCP) and medical insurers. There is a lack of awareness encountered when dealing with government organisations such as the NCCP surrounding the role of Nuclear Medicine in isotope therapy. This will be a particular problem when Radioisotope Therapies such as Lu-177 DOTATATE are introduced, which are entirely based in Nuclear Medicine.

2016-2017 should see the introduction of new PET/CT tracers to Ireland by M2i with availability of F18 Amyloid Brain imaging, Ga68 PSMA for investigation of recurrent prostate carcinoma and a Ga68 DOTATOC derivative for imaging Neuroendocrine tumours. The later is likely to replace In-111 Octreotide for most indications.

The subspecialty has seen an expand in demand in recent years particularly around Orthopaedic SPECT/CT, however there remain challenges surrounding expanding the roles of Brain and Cardiac imaging. The significant annual turnout at the INMA study day indicates that there is considerable enthusiasm to continue moving Nuclear Medicine forward in Ireland.

Dr Martin O'Connell

Nuclear Medicine Subgroup, Faculty of Radiologists
Chairperson, Irish Nuclear Medicine Association

ESR COMMITTEES

ECR EDUCATION COMMITTEE



Significant strides have been made in 2016 with regard to both the examination structure of the European Diploma in Radiology and the composition of, and access to, the European Training Curriculum at both undergraduate (ETC-U) and postgraduate level (ETC I-III).

The European Diploma examination (EDiR) has seen record numbers of candidates taking the examination in recent years. However, despite this, the cost of the examination has been increasingly problematic and with reluctance (and considerable opposition), restructuring of the examination format has been implemented. The clinical viva component (which had been the most expensive) has been withdrawn. This has now been replaced by a custom-made, computer-based platform. This new examination component has been named 'CORE' (Clinical Orientated Reasoning Evaluation) and the new examination format will be implemented during 2016. The last clinical viva examinations occurred during this year's ECR meeting.

The European Training Curriculum (ETC) has both undergraduate and postgraduate curricular strands. It was agreed that biannual revisions of all curricular strands will occur, with postgraduate strands I/II and the undergraduate U and postgraduate strand III being revised on alternate years. Revised versions of strands I and II have been released on line as has a Spanish version, targeted at both Spain and the Latin America. In a further endeavour to promote Radiology as a career, two papers, "Becoming a Radiologist" and "Teaching Undergraduates" were sent to all European Medical Faculties and Radiology Departments in Europe. In addition, collaboration between the undergraduate committee and the International Federation of Medical Students, already underway, will be further consolidated in 2016.

The overall theme of the education committee's work therefore has been twofold. Firstly, to extend the reach of radiological teaching materials for both undergraduates and postgraduates, thus emphasizing the central importance of imaging in medicine and promoting it as an exciting and rewarding career. Secondly, to design and implement a pan-European examination that is fit for purpose, robust and clinically relevant.

Dr Barry Kelly
Past Dean
Faculty of Radiologists Representative

ESR QUALITY, SAFETY AND STANDARDS COMMITTEE



REPORTS FROM THREE ESR QSSC SUBCOMMITTEES WERE RECEIVED:

a. Audit and Standards (P. Kavanagh/ UK)

An audit tool has been developed. Radiation Safety is an easy safety target & a basic audit that should be conducted. In Feb 2018 EU radiation dose guidelines will be implemented with specific DRL's so all departments should be working towards this date. Dr. Barry Kelly is taking over as the chair of the Audit Committee.

b. eHealth and Informatics (O. Ratib/ Ch)

The status of the 'Structured Reporting Initiative' was described. It was suggested that radiologists should be accumulating a common repository of report templates. ESR is discussing sharing of report templates with the ESR. Surveys on teleradiology were presented. Challenges with data protection legislation pertaining to radiology images on mobile devices were discussed.

c. Radiation Protection (P. Vock/ Ch)

Diagnostic Reference Levels will be compulsory in February 2018. The plan is that these should be related to the clinical indication rather than the study type. Concerns were expressed about equipment lifespan. Inter-equipment variation in radiation doses will have implications for longevity of equipment (e.g typical doses from 5 year old vs. 10 year old CT)

Report from the ESR Working Group on Ultrasound (M. Claudon/ Fr)

Concerns were reported about US-transmitted infections stemming from a recent survey. It had shown that not all users were disinfecting US probes after each use, including endocavitary US (6% do not disinfect!). Not all are using probe covers; there were also concerns about keyboard hygiene etc. No conclusions were reached. Other US issues identified were the role of US simulation in training, fusion imaging and chest US. It was noted that maintaining control and regulation of ultrasound training is an increasing challenge. US probes that plug via USB into tablet device are on the market in USA. Sonography has emerged as a standalone training programme for school leavers. In summary - "It's a jungle out there"!

Update on issues related to the EMA (European Medicines Agency) (O. Clément/ Fr)

Brain T1 hyperintensities following repeated gadolinium injections in cerebellar nuclei are raising concern re toxicity of gadolinium chelates. There are theoretical risks of movement disorders but more work is required to substantiate / quantify these.

Information about the new Subcommittee on Professional Issues and Economics in Radiology (PIER) established under the National Societies Committee (P. Mildenberger/ DE and E.J. Adam/ UK). This body is replacing Management in Radiology. Some issues of relevance are outsourcing of imaging and replacement of devices.

An update on EU Affairs (ESR European and International Affairs Department) was provided.

Date of next meeting: ECR 2017

Dr. John Feeney

Faculty of Radiologists Representative

ESR RESEARCH COMMITTEE



Reports were made on behalf of The European Research Committee Board and The European Imaging Biomarkers Alliance (EIBALL)

The meeting was dominated by imaging biomarker related activities an information session on which was held at ECR 2016. Collaboration is underway between the ESR and the biobanking and biomolecular resources research infrastructure-European Research Infrastructure Consortium (BBMRI-ERIC), which aims to contribute to a pan European biobank resource and research. EIBALL is collaborating with The European Organisation for Research and Treatment of Cancer (EORTC) on the implementation and validation of imaging biomarkers to be used in clinical trials. A paper discussing the management approach for imaging biomarker driven clinical trials in oncology was published in Lancet Oncology December 2015. A programme of quality assurance and control is planned. In conjunction with The European Institute for Biomedical Imaging Research (EIBIR), EIBALL plans to identify core institutions in Europe in which imaging biomarker development and studies are underway. This imaging facility database would help identify potential sites for multicenter clinical trials. Likewise collaboration is envisaged with The *Quantitative Imaging Biomarkers Alliance* (QIBA). The scientific advisory board of EIBIR has had much success helping applicants obtain FP7 and Horizon 2020 applications. The virtual clinical trial unit has been set up to help study planning, administrative tasks, contrasts, proposals, protocols and SOP, study outcome adjudication, data analysis and reporting with good effect.

Professor Hans Ulrich Kauczor having completed his term handed over chairmanship to Prof. Olivier Clément.

Dr O.J. O'Connor

Faculty of Radiologists Representative

ESR RADIOLOGY TRAINEE FORUM



As the European Society of Radiology (ESR) Irish trainee representative, I attended the annual European Congress of Radiology (ECR) held in Vienna, Austria, which took place from 2nd-6th March 2016, on behalf of the Faculty of Radiologists, Ireland. This year marked the 10th anniversary of the Radiology Trainee Forum (RTF), whose objectives are to represent the interests of radiology trainees within the ESR and provide an equal level of radiological knowledge and skills for radiology trainees all over Europe.

As part of the RTF, I attended the ESR RTF Subcommittee General Assembly on Thursday March 3rd, 2016, chaired by Dr. Costin Minoiu, RTF President. During the assembly, there were updates from the ESR Education Committee Board, European Training Assessment Programme (ETAP), ESR Undergraduate Education Subcommittee, European School of Radiology (ESOR) Steering Committee and ESR Research Committee Board.

A highlight from the General Assembly was an address by Prof. Nicholas Gourtsoyannis, ESOR Scientific Director from Athens, Greece. He encouraged all national delegates to participate in ESOR courses, and to promote scholarships and fellowships to radiologists in training and recently board-certified radiologists. Prof. Gourtsoyannis later travelled to Ireland for the successful ESOR ASKLEPIOS multimodality course, hosted by the Dean, Prof. Dermot Malone, which took place at the Royal Marine Hotel in Dún Laoghaire, Dublin on 19th-20th May 2016.

National delegates were urged to promote The Invest in the Youth (IITY) programme, which offers young trainees the chance to attend the ECR free of charge. Particular emphasis was placed on the participation of students at the ECR through undergraduate abstract submission.

Discussions took place regarding the European Diploma in Radiology (EDiR), which has taken on a new format, in order to meet the increasing demand for the diploma and offer more places to candidates in different countries. The structure of the examination comprises three sections; 75 multiple response questions, 24 short cases and 10 clinically oriented reasoning evaluation (CORE) cases. These are all computer-based examinations and the duration of each section is 90 minutes. The latter component has replaced the traditional oral examination. The first pilot trial of the computer-based examination platform was successfully carried out at ECR 2016.

An important accomplishment by the RTF since 2015 was the publication of the article "Trainees Make Significant Contributions to Organized Radiology" in the October 2015 edition of the Journal of the American College of Radiology (JACR), written in collaboration

with the ACR Resident and Fellow Section (RFS) and the RSNA Resident Fellow Committee (RFC). An RTF survey on nuclear medicine training, conducted in January 2015, is to be published in Insights into Imaging.

Specific RTF activities, which took place at ECR to celebrate the 10th anniversary of the RTF, included the ever-popular RTF quiz on Thursday 3rd March, "RTF Highlighted lectures" on Saturday 5th March and a meet-and-greet session with former RTF Board members.

Among my duties as the Irish National Delegate, I staffed the RTF Information Booth, located in the Rising Stars Lounge. This space is reserved for residents and students to meet their national delegate, to inquire about the RTF and its activities, and to direct any queries pertaining to radiological education. It was here that I had the privilege of meeting the ESR President, Prof. Luis Donoso Bach, Director of the Diagnostic Imaging Department of the Hospital Clinic of the University of Barcelona, Spain, and the ECR President, Prof. Katrine Riklund, Radiologist at Umeå University Hospital, Sweden.

ECR 2016 was a great success and set a new record in participation with a total of 25,998 participants.

Dr Yvonne Purcell

SpR Representative, Faculty of Radiologists

MEDALS AND SCHOLARSHIPS 2015-2016

RADIOLOGY MEDALS AND PRIZES

First Place Final Fellowship FFR Medal (Nov 2015)

Dr Kate Harrington

Prof. Max J Ryan Medal (May 2016)

First Place Primary FFR

Dr Stephen Liddy

Dr Najib F Al Marzouk Medal (Nov 2015) (for the Final Fellowship Examination in Kuwait)

Dr Fahad Alabdulghani

Fielding Medal – 2016 (Medical Students)

Dr Arlene Weir, Graduate Entry Medical School, University of Limerick, Limerick

“Thyroid FNA guidelines; a comparison of six internationally recognised guidelines “

Practice Based Learning: Edward Malone Medal 2016 (Spr 2)

Dr Gerard Healy (SVUH) - In adult patients with suspected pancreatic carcinoma who are awaiting surgery, what is the acceptable time interval between CT and surgery based on the rate of growth of the pancreatic tumour?

Clinical Audit HSE Prize 2016 (Spr 2)

Dr Stephen Power (CUH) - An audit of mechanical thrombectomy costing at Cork University Hospital

Sylvester Boland Medal (RAMI/ Faculty Registrar’s Research Prize 2016; Spr 3-5)

Dr Nicola Hughes (CUH) - ‘Tumour heterogeneity measurement using [¹⁸F] FDG PET/CT shows prognostic value in patients with lung cancer’

Radiological Society of Ireland Medal 2016 (Combined Spring Meeting – Best Poster; All grades)

Dr Brendan Kelly (AMNCH) - “Malignancy risk stratification in Multinodular Goitre using Ultrasound Findings: A retrospective review of sonographic features, histopathological results and cancer risk”

RADIOLOGY SCHOLARSHIPS

Massachusetts General Hospital/ MacErlaine/ Faculty of Radiologists

Clinical and Molecular/ Translational Imaging Fellowship Programme, Boston, MA
Awarded to Dr Aileen O’Shea- commencing July 2018

Collaborative Fellowships at the University of Washington, Seattle WA USA

Fellowship in Radiology Health Services Research
Awarded to Dr Michael O’Reilly –commencing July 2018

RADIATION ONCOLOGY

Registrar's Prize 2015

Dr Siobhra O Sullivan for the senior category - "The radiotherapy implications of the ASOCOG Z-11 trial in clinical practice - an international multicentre study",

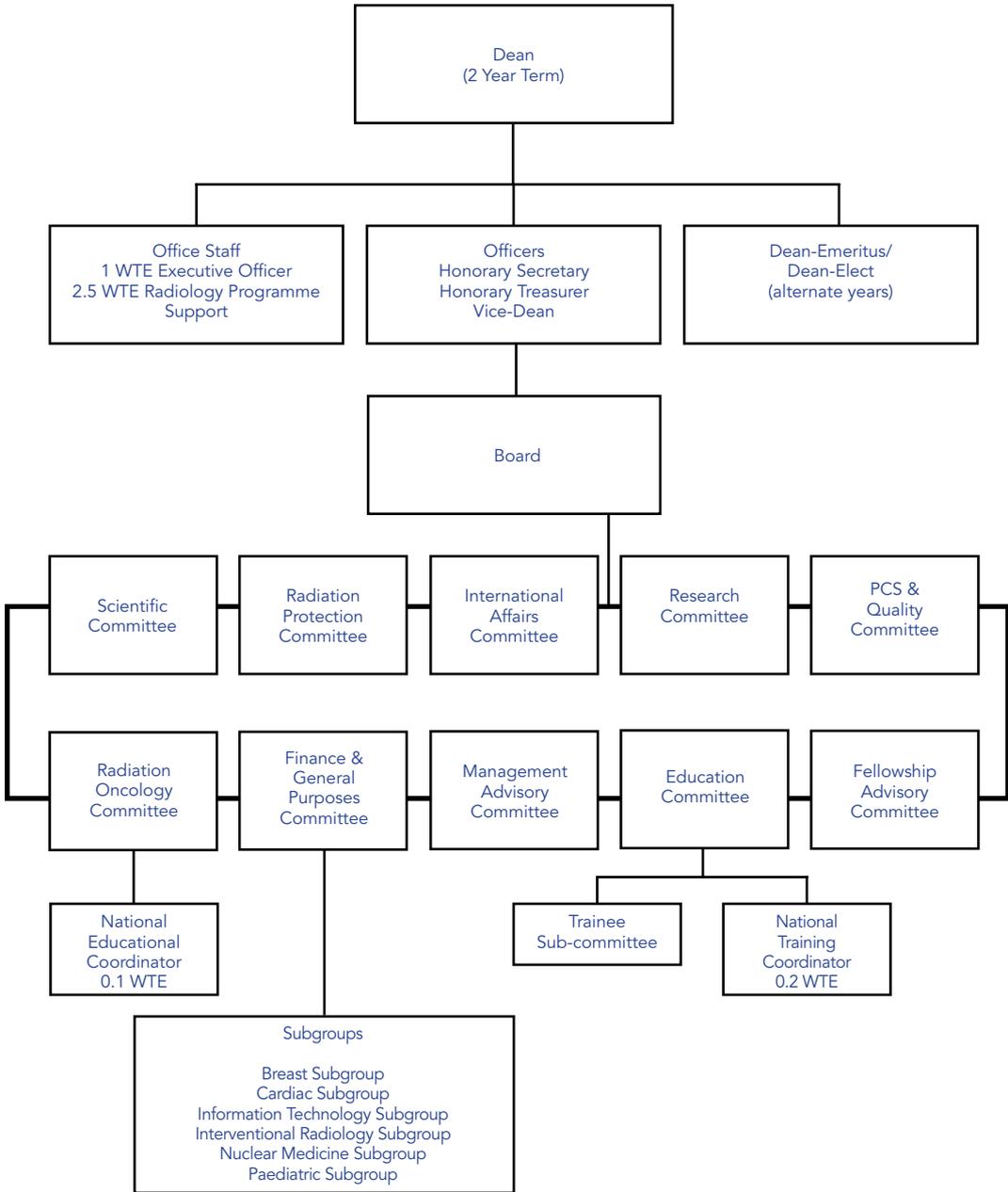
Dr David Lynch for the junior category - "Management of a positive sentinel lymph node at University Hospital Limerick- Oncological patterns of care"



Radiology Medal Winners 2015

L-R Dr Sinead Culleton (Clinical Audit HSE Prize), Dr Brian Moloney (Radiological Society of Ireland Medal), Dr Barry Hutchinson (Sylvester Boland/ RAMI Medal), Dr Hong Kuan Kok (Gold Medal, Final FFR), Prof. D. Malone (Dean), Dr Anthony Cullen (Max J. Ryan Medal), Dr Maria McGill (Edward Malone Medal), Dr Meshal AlAnezi (Fielding Medal)

FACULTY OF RADIOLOGISTS ORGANISATION CHART



MEMBERSHIP OF COMMITTEES 2015-2016

EDUCATION COMMITTEE

Chair	Prof Dermot E. Malone Dr Anthony Ryan Dr. Clare Brenner Dr. Michael Guiney Dr. Clare Faul Dr. Eric Heffernan Dr. Eoghan Laffan Dr. Pierre Thirion Dr. Kevin O'Regan Dr. Holly Delaney Dr. Marie Staunton Dr. Jennifer Gilmore Dr. Mark Elliott Dr. James Clarke Dr Michelle McNicholas Dr Carol McGibney Dr Niall Sheehy Dr Mark Knox Dr Anne Marie O'Connell Dr Sean McSweeney Dr Mark Given Dr Timothy Scanlon	Dean, Faculty of Radiologists UHW Our Lady's Hospital, Crumlin St James's Hospital Dublin SLRON SVUH Children's University Hospital, Temple Street SLRON CUH AMNCH Tallaght Hospital Mercy University Hospital, Cork CUH Musgrave Park Hospital RVH, Belfast MMUH CUH St James's Hospital Dublin National Training Coordinator UHG CUH Beaumont Hospital UHL
Trainee Reps	Dr. Aisling Barry Dr. Michael O'Reilly Dr Maeve Keys	SLRON MMUH SLRON
Ex Officio	Dr Max Ryan Dr. Patricia Cunningham	Honorary Secretary, Faculty of Radiologists Honorary Treasurer, Faculty of Radiologists

FELLOWSHIP ADVISORY COMMITTEE

Chair	Dr Tim Scanlon Dr Moya Cunningham Dr James Clarke (Vice-Chair) Dr Mark Knox	UHL SLRON RVH, Belfast National Training Coordinator
Trainee Rep	Dr Maria Twomey	CUH
Ex Officio	Prof. Dermot E. Malone Dr Anthony Ryan Dr. Max Ryan Dr. Patricia Cunningham	Dean, Faculty of Radiologists Vice Dean, Faculty of Radiologists Honorary Secretary, Faculty of Radiologists Honorary Treasurer, Faculty of Radiologists

SCIENTIFIC COMMITTEE

Chair	Dr. Niamh Hambly	Beaumont Hospital
Interim Chair	Dr. Patricia Cunningham	Our Lady of Lourdes, Navan
	Dr. PK Ellis	RVH, Belfast
	Dr. Conor Collins	SVUH
	Dr. Mark Elliott	Musgrave Park Hospital Belfast
	Dr. Joan Heneghan	UHW
	Dr. Declan Sheppard	UHG
	Dr. Sinead Brennan	SLRON
	Dr. James Clarke	RVH, Belfast
	Dr. Seamus Looby	Beaumont Hospital
	Dr. Peter Beddy	St James' Hospital, Dublin
	Dr. Conor Shortt	AMNCH Tallaght Hospital
	Dr. Niall Sheehy	St James' Hospital, Dublin
	Dr. Anne Foster	SVUH
	Dr. Colin Cantwell	SVUH
	Dr. Dearbhail O'Driscoll	MMUH
	Dr. Carol McGibney	CUH
Trainee Rep	Dr. Emma Phelan	AMNCH Tallaght Hospital
Ex Officio	Prof. Dermot E. Malone	Dean, Faculty of Radiologists
	Dr. Anthony Ryan	Vice Dean, Faculty of Radiologists
	Dr. Max Ryan	Honorary Secretary, Faculty of Radiologists

PROFESSIONAL COMPETENCE & QUALITY

Chair	Dr John Feeney	AMNCH Tallaght Hospital
	Dr. Orla McArdle	SLRON
	Dr. PK Ellis	RVH, Belfast
	Dr. Marie Staunton	Mercy University Hospital
	Dr. Fidelma Flanagan	Mater Private
	Dr. Niall Sheehy	St. James Hospital, Dublin
	Dr. Jeff McCann	SVUH
	Ms Sarah Drumm	Faculty of Radiologists
	Mr Stephen Boyle	RCPI Rep
	Dr. Joan Heneghan	UHW
Trainee Rep	Dr Aileen O'Shea	Beaumont Hospital
Ex-Officio	Prof Dermot E. Malone	Dean, Faculty of Radiologists
	Dr. Anthony Ryan	Vice Dean, Faculty of Radiologists
	Dr. Max Ryan	Honorary Secretary, Faculty of Radiologists
	Dr. Patricia Cunningham	Honorary Treasurer, Faculty of Radiologists

RADIATION ONCOLOGY COMMITTEE

Chair	Dr. Pierre Thirion	SLRON
	Dr. Moya Cunningham	SLRON
	Dr David Fitzpatrick	SLRON
	Dr Charles Gillham	SLRON

	Dr Orla McArdle	SLRON
	Dr Jennifer Gilmore	CUH
	Dr Fred Vernimmen	CUH
	Dr Joseph Martin	UHG
	Dr Cormac Small	UHG
	Dr Carol McGibney	CUH
Trainee Rep	Dr Ronan McDermott	SLRON
Ex-Officio	Prof. Dermot E. Malone	Dean, Faculty of Radiologists
	Dr Anthony Ryan	Vice Dean, Faculty of Radiologists
	Dr Max Ryan	Honorary Secretary, Faculty of Radiologists
	Dr. Patricia Cunningham	Honorary Treasurer, Faculty of Radiologists

INTERNATIONAL AFFAIRS COMMITTEE

Chair	Dr. David McInerney	Dublin
	Dr. James Masterson	Dublin
	Dr. Niall Murphy	Galway
	Dr. Jerry Kelleher	Dublin
	Dr. Éamann Breatnach	Dublin
	Dr. Eoin Kavanagh	MMUH
	Dr Declan Sheppard	UHG
	Dr Niall Sheehy	St James' Hospital, Dublin
Ex Officio	Prof. Dermot E. Malone	Dean, Faculty of Radiologists
	Dr. Anthony Ryan	Vice Dean, Faculty of Radiologists
	Dr Max Ryan	Honorary Secretary, Faculty of Radiologists
	Dr. Patricia Cunningham	Honorary Treasurer, Faculty of Radiologists

RESEARCH COMMITTEE

Chair	Prof. Dermot E. Malone	Dean, Faculty of Radiologists
	Dr O.J. O'Connor	UCC
	Prof. James Meaney	St James' Hospital, Dublin
	Dr Niall Sheehy	St James' Hospital, Dublin
	Prof. Michael Lee	RCSI
Trainee Rep	Dr. Gerard Healy	SVUH
	Dr. Victoria Brennan	SLRON
Ex Officio	Dr. Anthony Ryan	Vice Dean, Faculty of Radiologists
	Dr Max Ryan	Honorary Secretary, Faculty of Radiologists
	Dr. Patricia Cunningham	Honorary Treasurer, Faculty of Radiologists

RADIATION PROTECTION COMMITTEE

Chair	Dr Declan Sheppard	UHG
Vice-Chair	Dr Paddy Gilligan	MMUH
	Dr. Stephanie Ryan	Children's University Hospital Temple Street
	Dr. Neil O'Donovan	South Infirmary Victoria University Hospital
	Dr. David Fitzpatrick	SLRON
	Dr O.J. O'Connor	UCC
	Dr Niall Sheehy	St James' Hospital, Dublin
Trainee Rep	Dr Richard Kavanagh	SVUH
Ex Officio	Professor Dermot E. Malone	Dean, Faculty of Radiologists
	Dr. Anthony Ryan	Vice Dean, Faculty of Radiologists
	Dr. Max Ryan	Honorary Secretary, Faculty of Radiologists
	Dr. Patricia Cunningham	Honorary Treasurer Faculty of Radiologists

FINANCE AND GENERAL PURPOSES COMMITTEE

Chair	Dr Patricia Cunningham	Our Lady of Lourdes Navan
	Dr. James Clarke	RVH, Belfast
	Dr. David Brophy	SVUH
	Dr. Leo Lawler	MMUH
	Dr. Carmel Ann Daly	WUH
	Dr Declan Sheppard	UHG
	Dr Niall Sheehy	St James' Hospital, Dublin
	Dr Pierre Thirion	SLRON
Trainee Rep	Dr Emily Aherne	MMUH
Ex Officio	Prof Dermot E. Malone	Dean, Faculty of Radiologists
	Dr Anthony Ryan	Vice Dean, Faculty of Radiologists
	Dr Max Ryan	Honorary Secretary, Faculty of Radiologists

TRAINEE SUBCOMMITTEE

Chair	Dr Richard Kavanagh	SVUH
	Dr Emma Phelan	AMNCH Tallaght Hospital
	Dr Maria Twomey	CUH
	Dr Emily Aherne	MMUH
	Dr Douglas Mulholland	St James' Hospital, Dublin
	Dr Michael O'Reilly	MMUH
	Dr Ronan McDermott	SLRON
	Dr Gerard Healy	SVUH
	Dr Aileen O'Shea	Beaumont Hospital
	Dr Yvonne Purcell	SVUH

Ex Officio

Prof. Dermot Malone

Dr Anthony Ryan

Dr Max Ryan

Dr Patricia Cunningham

Dean, Faculty of Radiologists

Vice-Dean, Faculty of Radiologists

Honorary Secretary, Faculty of Radiologists

Honorary Treasurer, Faculty of Radiologists

LIST OF EXAMINERS

Primary FFR, Sept 2015:

Dr Orla Buckley (Chief Examiner)
Dr Sylvia O’Keeffe (External Examiner)
Dr. Neil O’Donovan
Dr Andrew Fagan
Dr Max Ryan
Dr Ciaran Johnston
Dr Eoin Kavanagh

Primary FFR May 2016:

Dr. Ciaran Johnston (Chief Examiner)
Dr Huw Roach (External Examiner)
Dr. Neil O’Donovan
Dr Orla Buckley
Dr Andrew Fagan
Dr Jo Barry
Dr Ronan Killeen
Dr Conor Shortt (Observer)

Final FFR (Diagnosis) Nov 2015:

Dr. William Torreggiani (Chief Examiner)
Dr John Lawson (External Examiner)
Dr. Matthew Bull (External Examiner)
Dr Michael Farrell
Prof. Michael Maher
Dr Eric Heffernan
Dr Mary Keoghan
Dr Clare Brenner

Final FFR (Therapy) May 2016

Dr Joseph Martin (Chief Examiner)
Prof. Robert Grieve (Senior External Examiner)
Dr Charles Gillham
Dr. Lorraine Walsh
Dr. Gerry Hanna

EXAMINATION RESULTS 2015-2016

PRIMARY FELLOWSHIP EXAMINATION IN RADIO DIAGNOSIS, DUBLIN - SEPTEMBER 2015

Catriona Logan
Sean O'Connor

PRIMARY FELLOWSHIP EXAMINATION IN RADIO DIAGNOSIS, DUBLIN - MAY 2016

Emma Canniff
Charles John Sullivan
Brian Thomas Gibney
Simon Clifford
Laura Sweeney
Zoe Hutchinson
Stephen Liddy
James Ryan
Patrick Duffy
Tara Tarmey
Michael Patrick Brassil
Emma Carmody
Colin James O'Rourke
Aneta Kecler-Pietrzyk
Lauragh Louise McCarthy
Maeve O'Sullivan
Conor Houlihan
Steven Dolan

PRIMARY FELLOWSHIP EXAMINATION IN RADIO DIAGNOSIS, KUWAIT - MAY 2016

Talal Fareed Muhammed Abdullah
Sarah S.A. H.Alajlan
Faisal Albanwan
Ahmed Samir
Abdullah S. H. Shebab

FINAL FELLOWSHIP EXAMINATION IN RADIO DIAGNOSIS (FFRCSI), DUBLIN - NOVEMBER 2015

Niamh Catherine Adams
Emily Alanna Julianne Aherne
Alexis Michael Cahalane
Matthew Thomas Crockett
Jeeban Paul Das
Kate Anne Harrington
Nuala Ann Healy
Peter Hughes
Barry Donald Hutchinson
Karl Michael James
James Gerard McGarry
Jennifer Niamh Murphy

Patrick Joseph Nicholson
Emma Claire Phelan
Yvonne Marie Purcell



Conferring December 2015

Back Row: L-R Dr Jeeban Das, Dr Peter Hughes, Dr James McGarry, Dr Karl James, Dr Patrick Nicholson, Dr Alexis Cahalane, Dr Barry Hutchinson, Dr Matthew Crockett

Middle Row: L-R Dr Max Ryan, Dr Emily Aherne, Dr Kate Harrington, Dr Yvonne Purcell, Frank Donegan (Mace), Dr Nuala Healy, Dr Jennifer Murphy, Dr Niamh Adams, Dr Emma Phelan

Front Row: L-R Prof. Ronan O'Connell, Prof. Patrick Broe, Prof. Cathal Kelly, Prof. John Hyland, Mr Declan Magee (President RCSI), Prof. Dermot Malone (Dean), Prof. Tom Gorey, Ms Deborah McNamara, Mr David Quinlan

[FINAL FELLOWSHIP EXAMINATION IN RADIODIAGNOSIS \(FFRCSI\), KUWAIT - NOVEMBER 2015](#)

Noof B.A.M Ahmad
 Bader Al Murad
 Haya Fahad Abdul Rahman Al Sanan
 Abdullah A.H.A.H. Al Sarraf
 Fahad Alabdulghani
 Dawood Ameer AlShamali
 Ali M.H.N.M. Ashkanani
 Shafiya Mehraj
 Salman Rahimi

[FINAL FELLOWSHIP EXAMINATION IN RADIODIAGNOSIS \(FFRCSI\), DUBLIN - APRIL 2016](#)

Abdulrahman AlShaheen
 Zamel AlZamel
 Mohammed Foroughi



Conferring 2015

L-R: Dr Kate Harrington, Dr Patrick Nicholson, Dr Niamh Adams, Dr Emily Aherne

Prof Dermot E. Malone

Dean, Faculty of Radiologists

CALENDAR OF EVENTS 2016

JANUARY 2016	
16th January 2016	IMRIM Meeting, Lyrath Hotel, Kilkenny
FEBRUARY 2016	
	Part I Mock Exam
	SPFB meeting
MARCH 2015	
2nd to 6th March 2015	ECR, Vienna
APRIL 2016	
4th to 6th April 2016	Final FFR Radiodiagnosis
7th – 9th April 2016	Combined Spring Meeting Savoy Hotel, Limerick
28th April 2016	SPFB meeting
MAY 2016	
4th to 6th May 2016	Final FFR Radiotherapy
9th to 11th May 2016	Primary FFR Radiodiagnosis
JUNE 2016	
10th & 11th June 2016	Neuro Meeting, Belfast
14th to 17th June 2016	ESGAR
23rd June 2016	SPFB meeting
JULY 2016	
4th July 2016	Postgraduate Conferring
SEPTEMBER 2016	
5th to 7th September 2016	Primary FFR Radiodiagnosis
22nd to 24th September 2016	Annual Scientific Meeting and Dinner (Venue: RCSI, Dublin)
OCTOBER 2016	
29th October 2016	SPFB meeting
NOVEMBER 2016	
9th to 11th November 2016	Final FFR Radiotherapy
14th to 16th November 2016	Final FFR Radiodiagnosis
27th November to 2nd December 2016	RSNA
DECEMBER 2016	
	SPFB
5th December 2016	Postgraduate Conferring

DEANS OF THE FACULTY OF RADIOLOGISTS

2014 - 2016	Professor Dermot E. Malone
2012 - 2014	Dr. Barry Kelly
2010 - 2012	Dr. Adrian Brady
2008 - 2010	Dr. Risteárd Ó Laoide
2006 - 2008	Professor Peter McCarthy
2004 - 2006	Dr. Éamann Breatnach
2002 - 2004	Dr. David McNerney
2000 - 2002	Dr. Lynn Johnston
1998 - 2000	Dr. James Masterson
1996 - 1998	Dr. John Anthony O'Dwyer
1994 - 1996	Professor Donal MacErlaine
1992 - 1994	Dr. Gerard Hurley
1989 - 1992	Dr. Michael Daly
1987 - 1989	Dr. Michael O'Halloran
1985 - 1987	Dr. James Carr
1983 - 1985	Dr. Noel O'Connell
1981 - 1983	Dr. Patrick McCann
1979 - 1981	Professor Maximilian Ryan
1977 - 1979	Dr. Owen Cole
1975 - 1977	Dr. Dermot Cantwell
1973 - 1975	Dr. Donal O'Sullivan
1970 - 1973	Dr. William McHugh
1967 - 1970	Dr. Oliver Chance
1964 - 1967	Dr. Sylvester Boland
1961 - 1964	Dr. Desmond Riordan

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