



Welcome to the March 2017 Issue of the Department of Radiology Newsletter!



Researcher Feature: Professor David Lomas

On the afternoon of Wednesday 15th March, we all gathered in the Ber-ridge Room to mark the retirement of David J Lomas as Professor of Clinical Magnetic Resonance Imaging. David is unique as a Radiologist in that he has parallel interests and skills in physics and engineering. Not content just to undertake the MB BChir degree in Cambridge he also obtained a 1st class degree in Engineering! Combined with his DIY skills and interests in Industrial Archaeology, Photography, Computing and French, etc...he is a true polymath.

David started as a Radiology Registrar at Addenbrooke's in 1986, becoming a Clinical Lecturer in 1990. In 1993 he took a sabbatical at the Mayo Clinic in Rochester Minnesota where he became involved in the development of a new technique called Magnetic Resonance Elastography (MRE). His contribution included the development of the first MRE pulse sequence – I can count on the fingers of one finger how many pulse programming radiologists I know! Fuelled by this new-found knowledge he returned to Cambridge as University Lecturer and Honorary Consultant and continued to develop his research interests in MRI, ultrasound and specifically hepatic imaging. In addition, David was instrumental in establishing the internal computer network on Level 5 (10Base2 - for those old enough to know) and subsequently within the wider Radiology department. In 1997 he became the lead clinician for the MRIS Unit for which he has provided outstanding leadership, navigating an expansion of two to six MRI systems, and countless upgrades, through the troubled waters of countless NHS reforms and mind-boggling complex legal agreements.

Throughout his career, David has led and contributed to a wide range of research activities across many body areas, e.g. liver, MSK, vascular, intervention, ... and imaging modalities; MRI, ultrasound, CT, PET/CT, ... His sustained research, teaching and managerial work contributed to his appointment as Professor of Clinical MRI in October 2001.

Professionally David has contributed enormously to Radiology both nationally and internationally. He has served on the Faculty Board of the RCR, and chaired the Research Committee. He was a member of Public Health England (PHE) Advisory Group on Non-ionising Radiation. He has been chair of the BIR MR Committee and the Safety Working party. He was Secretary of the ISMRM for 6 years, Executive and Trustee Board member for 9 years and Scientific Programme Chair for the now-infamous 2003 ISMRM meeting in Toronto. More recently he has been a member of the RSNA Program Committee and Research Development Committee. In 2015 he was invited to chair their Committee on Scientific Affairs – the first non-North American to occupy such a role. His contributions have been recognised with the award of the prestigious fellowships of ESGAR, ISMRM and BIR.

David's publications, presentations, invited lectures, grants, PhD students, teaching, collaborations and other awards are too vast to mention but represent his outstanding contribution to the University of Cambridge, Addenbrooke's Hospital and the wider community. I have had the privilege of working with David for nearly 21 years and David's only criticism of me (Ralph – please check) is that I can never say “no”; So, for the first time - there is **no** one like David!

We wish him the very best for his well-earned retirement.

Department News

ECR Roundup



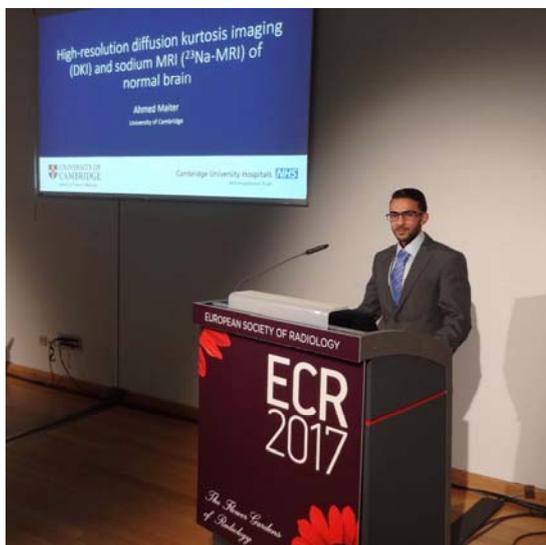
The Department had a tangible presence at ECR 2017 in Vienna this month. Our Head of Department Professor Gilbert had a busy schedule as usual, giving the Arthur de Schepper Honorary Lecture (left) among others, and being interviewed by AuntMinnie.com - see the [interview here](#). Other highlights of our department at ECR to follow.

Dr Ferdia Gallagher gave a lecture on [Hyperpolarised MRI in oncology](#)

Dr Tomasz Matys [Routine preoperative brain CT in non-small cell lung cancer – ten years experience from a tertiary UK thoracic centre](#)

Dr Oshaani Abeyakoon (right) gave multiple talks - in particular:

[The Role of ESOR in My Professional Development](#)



Ahmed Maiter, who worked with Dr Gallagher's group last year, gave a talk entitled [Novel non-invasive imaging of tissue microstructure and pathology – high-resolution diffusion kurtosis imaging \(DKI\) and sodium MRI \(²³Na-MRI\) of normal brain](#) for which he won a Best Student Presenter Award.

See the full list of speakers, including links to the recorded talks from Cambridge on our online article:

<http://radiology.medschl.cam.ac.uk/blog/department-ecr-2017/>

New Arrivals

The Department of Radiology will be welcoming two new faces in April. Please help us make them feel at home!



Dr Ramona Woitek will be working primarily with Dr Ferdia Gallagher on
“Development of novel imaging biomarkers of tumour metabolism in breast cancer”

Matthew Locke will be joining the Hyperpolariser team as Clinical Research Administrator starting in April.



Department Awards

Dr Jamie MacKay was successfully awarded GSK funding for his study:
“Advanced magnetic resonance imaging of osteoarthritis (AMROA)”

Dr Josh Kaggie, Dr Martin Graves and Professor Fiona Gilbert were awarded GSK Varsity funding for their project: “Functional Cartilage MRI Response of Early Osteoarthritis”

Cambridge Science Festival

Dr Zhongzhao Teng and Dr Shuo Wang from our department as well as

Ms Romilde Kotzé, *Department of Chemical Engineering and Biotechnology*

Dr Michael Sutcliffe, *Department of Engineering*

Mr Aziz Tokgoz, *Department of Engineering*

Dr Jusheng Zheng, *MRC Epidemiology Unit*

will all be at the Cambridge Science Festival this weekend Sunday: 26th of March!

Go out and support them, and hear about their research!

Cambridge Biomedical Research Centre

NHS
National Institute for
Health Research

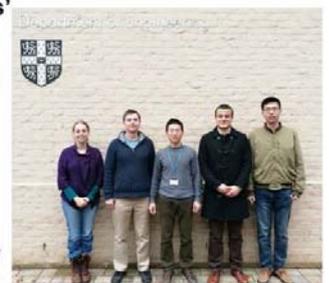
Meet our Researchers Cambridge Science Festival at CUH Sunday 26th March

‘Make friends with your heart and vessels’

Teng and his team will be available in the morning, talking about how people can take care of their circulation system to avoid diseases and how to eat healthily.

Get up and close with models of the heart to understand our circulation system, heart artefact valves and see a balloon system to understand expansion surgery to restore flow supply.

The Cambridge BRC stand will be in the ATC, come and learn about the research we do on the campus.



OPEN ACCESS UPDATE

As you all know, since HEFCE's policy change, in order for any publications to be eligible for the REF they must be made Open Access. We want to make sure that as a department we are 100% compliant.

The university has a team in place dedicated to making sure this process is as simple as possible and has now linked Open Access with Symplectic Elements so that publication data will be filled automatically from databases.

When a journal accepts your paper for publication, upload it through [Symplectic](#) before you sign any copyright or Open Access agreements.

See this page for more information on how to submit accepted publications: <http://osc.cam.ac.uk/open-research/symplectic-elements-deposit-pilot/depositing-articles-symplectic-elements>

You can also contact the open access team directly at: info@openaccess.cam.ac.uk

FAQs

- **If I am not the first or last author do I still need to submit?**

If the first author is in our department → ask them to submit.

If they are in another Cambridge department and you have access to the accepted manuscript → please submit it anyway.

If you are the only Cambridge author → please submit if possible.

The bottom line is to have as many of our publications be eligible for the REF as possible. The Clinical School evaluates us on our compliance levels, and this reflects on both the department and the University.

- **When do I submit to/contact the Open Access Team?**

As soon as the paper is **ACCEPTED**. This is because the Open Access Team will want to support you in making sure the publication is published under the correct Open Access license, and this needs to happen during the initial negotiations, before you have signed the publisher agreement.

The acceptance date is also how compliance with the HEFCE policy is determined.

New Rooms

In the next few weeks we will have access to our new rooms on level 5. This is excellent news for the department, which has grown considerably in the past few years and was in dire need of further desk space. There will be some staff relocation to the vacant rooms and those affected will be informed in advance, so that they can prepare in advance for the move.

Upcoming Wednesday Forums

22nd March

EARS MEETING 2017

Homerton College

See programme on following page

29th March

Patient Safety and Governance Meeting

Dr Jonathan Jones

Funding Opportunities Page

We've added a large number of funding opportunities to the web page here:

<http://radiology.medschl.cam.ac.uk/research/funding-opportunities/>

This is a great resource for finding potential grants and other forms of funding for your research.

Make sure you check out [Research Professional](#) as well, as it will allow you to search for potential funding.

Department Website

In every newsletter, we will be requesting that all department members – **including students** - do three things for us:

1 – Please ensure that your Symplectic account is up to date. We pull publication data for the website using this database, so to make sure your publications are up to date on the website, this account must be up to date.

2 – Please send us any news or information about the projects you're working on! We want to publicise the department's achievements as much as possible, and get your names out there.

It goes without saying that it is essential in the current academic market to promote your work, and we want to help you do that!

3 – We will be updated the website staff profiles to new versions soon. Let us know if there is anything you'd like to have included in the new format!

We are also still looking for basic outlines of people's projects, along with images if possible, to make our Research Themes section look fantastic, and show off that this is a world class department for prospective students and researchers.

East Anglian Radiological Society Annual Meeting 2017

Programme

3:30 – 4:00	Registration	
4:00 – 4:05	Professor Fiona Gilbert <i>Head of Department of Radiology, University of Cambridge</i>	Welcome
4:05 – 4:30	Dr Sumit Karia <i>Consultant Cardiothoracic Radiologist Cambridge University Hospitals</i>	"Cardiac findings on non-ECG gated thoracic CT"
4:30 – 4:55	Dr Nicholas Carroll <i>Consultant Gastrointestinal Radiologist Cambridge University Hospitals</i>	"Gastroenteropancreatic Neuroendocrine tumours (GEP NETS)"
4:55 – 5:20	Professor Yukunori Korogi <i>Professor of Radiology, University of Occupational and Environmental Health, Japan</i>	"Acquired viral encephalitis and its differential diagnosis"
5:20 – 5:40	Break	
5:40 – 6:05	Professor Anwar Padhani <i>Consultant Radiologist, Mount Vernon Cancer Centre, Northwood and Professor of Cancer Imaging, Institute of Cancer Research, London.</i>	"Whole body MRI for cancer detection and treatment response"
6:05 – 6:30	Professor Gary Cook <i>Professor of Clinical PET Head of Cancer Imaging Honorary Consultant Radiologist Guy's & St Thomas' Hospitals, London</i>	"PET/MRI in oncologic imaging - now and the future"
6:30 – 6:55	Dr Nicola Strickland <i>President, Royal College of Radiologists and Consultant Radiologist at Imperial College Healthcare NHS Trust, London</i>	"RCR Hot Topics"
7:00 – 7:30	Pre-dinner drinks	
7.30	Dinner	

We would like to acknowledge the generous support of our sponsors:



IT Updates

By now you should all have had a chance to access the Internal Website at

<http://radiology.medschl.cam.ac.uk/internal/>

Please let us know if there's anything you'd like to see added there, either by emailing Ralph, or by filling in the department feedback form here:

<http://radiology.medschl.cam.ac.uk/internal/feedback/>

As always, if you have questions about anything IT related in the department, please come and see Ralph or Anna.

Feedback

We are currently working hard to improve communication and development within the department, and a big part of that work requires feedback from you. We are open to hearing any feedback or suggestions you have. If you'd like to provide feedback on anything department related, in addition to coming to see us, you can now provide it through a feedback form located on the Internal website via this link:

<http://radiology.medschl.cam.ac.uk/internal/feedback/>

We want to hear from all of you in relation to achievements, updates, news and any information you would like to share with the Department.