

**Edinburgh Imaging's Newsletter - August 2015.**

Providing news articles, links to published papers, dates of imaging events, online courses and funding/job opportunities.

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# Edinburgh Imaging

[www.ed.ac.uk/edinburgh-imaging](http://www.ed.ac.uk/edinburgh-imaging)

## In the News

### 1. Congratulations to Andrew Farrall

We are really pleased to announce that Andrew became an Honorary Professor in Neuroradiology on 1st August 2015. Professor Andrew Farrall has been recognized for his huge contribution to teaching and to the research of the Neuroimaging Sciences department.

It is richly deserved and is a great recognition of the Neuroimaging and Imaging MSc's and all the hard work that has gone into making them so successful, and the central role that they play in Edinburgh Imaging. Warmest congratulations to Andrew!

### 2. Dolly takes centre stage in exhibition charting a century of science

Dolly the sheep - which has been preserved by the National Museums of Scotland - will be appearing at the Edinburgh Festival Fringe as the star of an exhibition chronicling a century of genetics research.

*'Towards Dolly: A Century of Animal Genetics in Edinburgh' runs from 31 July to 31 October 2015 at the University's Main Library Exhibition Gallery. Opening times: Mon-Sat, 10am-5pm. Admission is free.*

### 3. Progress at Little France for the new BRIC scanning facility, the new DCN centre and the Edinburgh Sick Kids hospital

A [time-lapsed video](#) has been produced to demonstrate the progress that has been made from when the works commenced in February 2015.

**4. Congratulations to Lauren Clayson and Maria C. Valdés Hernández** who won the best poster award at the [2015 Alzheimer's Disease Congress \(O2 arena, London\)](#).

**5. Many thanks to everyone who sent in their images**

- we had over 60 scientific images to choose from. We hope you will all enjoy viewing the 14 images that were selected to be in the Outdoor Exhibition at Little France in September.

**6. Animal Pain Discussion Group -** The Easter Bush

Research Campus, which is the location of The Roslin Institute and the Royal(Dick)Vet School, have started a research discussion group on animal pain. If anyone would like to join this group, please get in touch with Kenny Rutherford so you can get on their mailing list ([Kenny.Rutherford@sruc.ac.uk](mailto:Kenny.Rutherford@sruc.ac.uk)).

**7. Imaging for Beginners - free IAD online course** for

University of Edinburgh PhD and MScR students, wishing to learn about imaging modalities and techniques, before they commence their research project. Starts 12th October, with [registration via IAD](#).

## Upcoming Events

1. **5th August at 7pm** - Erig Betzig will be giving a **Plenary lecture** about Next Generation Light Microscopy, in the Royal College of Physicians.
2. **5th August at 5.30pm**-Dr Kev Dhaliwal presenting at the HfSA, The Dick Vet at 5.30pm on 'Seeing the light'.
3. **10th August at 11am** - Zeiss new frontiers in confocal microscopy talk at IGMM lecture theatre
4. **19th August 2015** - The launch of the next phase of SINAPSE at QMRI, 1 - 5pm. This is an excellent networking opportunity for all staff and students involved in imaging across Scotland.
5. **31st August 2015** - 'Dealing with Data' conference organised by Information Services. There is also a blog post on the DataBlog about this: <http://datablog.is.ed.ac.uk/2015/05/27/dealing-with-data-2015-call-for-papers/>
6. **1st September 2015**-CCACE's 8th Annual Research Day, Psychology, 7 George Square - [book via eventbrite](#).
7. **4th September 2015** - Launch of Edinburgh Imaging's Outdoor Exhibition at the Little France Campus - highlighting the work done

by UoE and NHS in trying to develop new treatments for diseases.

8. Sept - December 2015 - Introduction to image processing and analysis with Fiji (ImageJ)" workshop at SCRM. To Book your place please [complete form](#).
5. 29th Sept - 1st October - 7<sup>th</sup> [International Workshop for Pulmonary Functional Imaging \(IWPMI\)](#), Edinburgh
6. 1st -3rd October 2015 - [ESMRMB 2015 Congress](#), Edinburgh
7. 8th October - Presentations in the Pub! The Edinburgh Imaging PhD Trivia night - Presentations, free pizza, pints and there will also be prizes. Sign up at <http://bit.ly/Trivia-Night> .
8. 13th October 2015 - IGMM will be hosting ESRIC Imaging Symposium, in the new IGMM Systems medicine lecture theatre in the afternoon. Details to follow from Ann Wheeler.
9. 14th October - Working with the media workshop - 1pm, QMRI.
10. Oct 5th - 16th - Midlothian Science Festival
11. 4th November - Creating an effective online presence for your research and making an impact, QMRI, 12.45pm.

## Published:

1. Risk Stratification in Patients With Aortic Stenosis Using Novel Imaging Approaches - [Cardiovascular Imaging](#)
2. Can 1H MR Spectroscopy be Used to Assess the Success of Uterine Artery Embolisation? - [CardioVascular and Interventional Radiology](#)
3. Hemispheric Association and Dissociation of Voice and Speech Information Processing in Stroke - [Science Direct](#)
4. The human voice areas: spatial organization and inter-individual variability in temporal and extra-temporal cortices - [Neuroimage](#)
5. Articulatory consequences of prediction during comprehension - [QMU-research](#)
6. Estimation of foetal brain volume using MRI and three stereological methods - [Congress-Papers](#)
7. Total MRI load of cerebral small vessel disease and cognitive ability in older people - [Neurobiology of Aging](#)
8. The International Association for the Study of Lung Cancer Lymph Node Map: A Radiologic Atlas and Review - [TRD Review](#)
9. ABCD2 score and secondary stroke prevention - [Neurology](#)
10. What are white matter hyperintensities made of? Relevance to vascular cognitive impairment - [American Heart Journal](#)
11. Early Life Risk Factors for Stroke and Cognitive Impairment - [Current Epidemiology Reports](#)
12. A comparison of location of acute symptomatic vs. 'silent' small vessel lesions - [Stroke journal](#)
13. A Labelled-Ubiquicidin Antimicrobial Peptide for Immediate *In Situ* Optical Detection of Live Bacteria in Human Alveolar Lung Tissue - [RSC-manuscript](#)
14. Circulating IgM Requires Plasma Membrane Disruption to Bind Apoptotic and Non-Apoptotic Nucleated Cells and Erythrocytes - [Plos One](#)

15. Prospective Randomized Trial on Radiation Dose Estimates of CT Angiography Applying Iterative Image Reconstruction - [Cardiovascular Imaging](#)

## Teaching material available online:

1. [Edinburgh Imaging Academy](#) - online imaging short courses available via [CPD](#) or [PPD](#).
2. UoE PhD students can access online course material for [£15 per 10 credit course](#).
3. Beginners Guide to Imaging - online course through the IAD, starts 12th October. Book via <http://bit.ly/1DtOrrN>



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