



Don't forget - deadline for CPD declarations is Tuesday 28 February!

President's update



I've previously alluded to some potential IPEM successes happening in early 2017 and I'm delighted to report on two of these. First is the progress on the Improving Clinical Engineering and Physical Science Services (iCEPSS) programme. This quality improvement programme was launched in January 2014 and now agreement has been reached that UKAS will manage and deliver the iCEPSS accreditation scheme, supported by IPEM. A joint statement is due shortly but this is an excellent result and builds on the previous significant work of IPEM members

and members of other partner organisations working collaboratively together.

Secondly – and one very important to me - we have made significant progress with the plan to give every child in the UK having radiotherapy a free 'plastic model brick' kit of a Linac to help them cope with their cancer treatment through play. As well as the Linac, this turns into a CT scanner, Gamma camera and mould room (two kits together make quite a nice MR scanner as well!). The idea is that the kit can also be turned into something else after treatment to help with moving on. We will be launching the kit in the spring and need help to bag the bricks into sets so we can distribute them immediately after the launch.

I'm therefore looking for volunteers to give a day or two of a weekend in April (probably the 22nd and 23rd), in York, to help assemble the sets. Please think about helping us with this important project, we can't pay expenses but the potential impact is huge and we simply cannot do it without you! If you would like to volunteer please email sean@ipem.ac.uk, who is co-ordinating the event.

How IPEM is working for you

Route 2 Position Statement update

Following the [news](#) the HCPC will no longer require Route 2 trainees to follow a six-year route to registration, IPEM will shortly be issuing an update to its 2014 Position Statement, reiterating its commitment to this pathway. Look out for this on the website. The new Position Statement comes as the Professional and Standards Council has put together a new Training and Education Strategy, which aims to give IPEM a greater role in training in the future.

IPEM meetings in Scotland

IPEM President David Brettle and CEO Rosemary Cook met the Scottish Government's Healthcare Science Officer Karen Stewart, and some of her advisers, this month. It was a very useful meeting, at which we agreed that IPEM's objective to support a range of approaches to scientist and technologist education was important, not least to maintain the diversity of the workforce, but also to address workforce shortages that cannot be met through the nationally-commissioned programmes across the UK. We are

MEI BIO ENG / **MPEC** 20 17

Abstract submissions close on 31 March

IPEM Latest

MRI safety notices

Future of Imaging campaign

New ultrasound leaflet and poster for the public

VP External Relations blog on diversity event

New Professional Affiliate Membership leaflet

Gold Medals and Early Career prizes

Committee vacancies

IPEM / IET / IMechE joint lecture

Trainee news

Bursaries available for MPEC abstract submissions

Advice to STP trainees from Vice-Chair Emma Walker

Conferences

Dental CBCT performance testing for physicists and technologists on 16 March, Manchester

MR in the planning,

planning to organise a Scottish regional meeting, probably in May/early June, which will be a good opportunity to continue discussions with a wide audience of members in Scotland.

Committee structure review

This work is continuing with a subset of the Trustee Board, plus the CEO and Head of Operations and Finance, aiming to streamline the structure and improve ways of working in order to deliver on the new strategic objectives. Before Christmas, the Committee Review Group took advice from the Chief Executive of the Professional Associations Research Network (PARN) on the work to date. The next step is to put a proposal for change to the full Trustee Board in April.

Fundraising Subcommittee established

As a result of IPEM's policy that it may accept monetary and 'gift in kind' donations as contributions towards achieving its charitable aim 'to advance public education' a small Fundraising Subcommittee has been established. This consists of at least two members of IPEM, together with the CEO and the Head of Operations and Finance. The first activity to be adopted is the model brick Linac kit. More [here](#).

Authors working group

A working group to consider how and what IPEM could do to support book authors is looking for three members. Volunteers should have previous experience of book publication. The group will be temporary and will aim to complete its work by this September. Please send brief details of who you are and relevant experience by **31 March** to marie@ipem.ac.uk.

Sense About Science media workshops

IPEM supports Sense About Science, a charity which aims to challenge the misrepresentation of science and evidence in public life. It helps to do this by running a series of media workshops throughout the year. IPEM is able to offer free places to members on them. Two members who attended recent workshops have shared their [views](#). Sign up [here](#) by 21 March for the next workshop in Manchester in April.

Workforce Intelligence Unit

The clinical engineering survey is almost finalised and will be sent to the heads of all departments/sections engaged in clinical engineering, with the exception of rehabilitation engineering, who responded to the 2015 rehabilitation engineering survey.

As reported last [September](#), the ultrasound physics workforce survey not only confirmed there are very few individuals carrying this out (just six people were identified) but there is also a diminishing physics input into ultrasound, and many scanners/probes are not subject to quality assurance. There is a risk of these skills being lost, so IPEM is considering facilitating mentoring. If you are interested in receiving informal mentoring in ultrasound physics skills, please contact Jemimah@ipem.ac.uk.

And finally...

Dr Jonathan Ashmore, a MRI physicist at King's College Hospital, was featured on BBC Breakfast News this month, talking about the virtual reality MRI app he's developed to help children who are about to have a scan - more [here](#).



[of radiotherapy on 31 March, Edinburgh](#)

[more 2017 conferences](#)

External events & activities

[Healthcare Science Week](#)

[BMA research grants](#)

[CaSE letter to Prime Minister](#)

[WISE awards 2017](#)

[Government response to inquiry on Leaving the EU: implications and opportunities for science and research](#)

IPEM Journals Pick of the Month

Physics in Medicine and Biology
[Combination of principal component analysis and optical-flow motion compensation for improved cardiac MR thermometry](#)

Physiological Measurement
[The impact of electrode resistance on the biogalvanic characterisation technique](#)

Medical Engineering and Physics
[Rotary ultrasonic bone drilling: Improved pullout strength and reduced damage](#)

Science Council registration

As an IPEM member, you can apply to become registered with the Science Council, which you retain with your

For more information, see www.ipem.ac.uk
or telephone 01904 610821 or email office@ipem.ac.uk

CPD return and an annual fee
- apply [here](#).

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