



IN BRIEF

You still have time to complete the membership survey 2017 [here](#).

Get involved with IPEM with some career development opportunities available [now](#).

Give your views on a Department of Health consultation on promoting professionalism [here](#).

Apply for a range of grants, prizes and awards [here](#).

The International Organization for Medical Physics has a range of opportunities to apply for [here](#).

President's Update



Since the last newsletter I have been involved with a number of things, covering a good balance between physics and engineering. I had my first Clinical Imaging Board meeting. This is a useful forum where the main professional bodies involved with medical imaging get together and debate. It is a rotating chair, and for my first meeting I had to chair it as well, as this year is IPEM's turn. We had a useful and interesting day at the Institute of Physics Publishing offices in Bristol. This was a very productive session, and lots of exciting things are planned involving our collaboration with them. I think the e-book initiative is particularly exciting and will help to put us more on the world map.

Last month saw the publication of Engineering Better Care - a systems approach to health and care design and continuous improvement. This was a full report published by the Royal Academy of Engineering, in collaboration with the Royal College of Physicians and the Academy of Medical Sciences. I was privileged to be involved with the working party who produced this, and I hope IPEM will be strongly involved with this initiative. It is focused on the premise that a systems approach to healthcare could really save the NHS. On a similar front, I was invited to be part of a panel at a public event at the Barbican - the Battle of Ideas. The whole thing was quite amazing and my panel were debating: 'Can technology save the NHS?'. My strong message to the audience was that it can, but with strong involvement by IPEM and its members.

The CSO office is asking for nominations for its awards - please think about putting nominations in - there is some fantastic work going on in our community which we need to showcase. Finally, if you have not filled in the [membership survey](#), can I encourage you to do this in its final weeks.

How IPEM is working for you

Membership survey 2017

There is still time to complete the IPEM membership survey 2017, which you can do [here](#). It should not take too long to complete and as a thank you for taking the time to respond you can enter a free prize draw to win a £25 Amazon voucher.

IPEM LATEST

[Ionising radiation regulations update](#)

Conferences

[Trainee Induction and Specialism Day, 12 January 2018 in York](#)

[more 2018 conferences](#)

External events & activities

[EAMBES President sets out his vision](#)

[30 November is abstract deadline for 2018 World Congress on Medical Physics and Biomedical Engineering](#)

[STEM for Britain 2018 awards](#)

[Apply for 2018 Healthcare Science Awards](#)

[Royal Society Entrepreneur in Residence scheme](#)

[BIR/Siemens Research Award](#)

International Day of Medical Physics (IDMP)



There was a fantastic response to this year's IDMP, which celebrated women in medical physics to mark the 150th birthday of Marie Curie. Thank you to everyone who took part in events on the day and also in the hugely successful social media campaign with our eye-catching poster! There were 2,750 visitors to the IDMP webpage on the IPEM [website](#), and on Twitter, the campaign potentially reached around 158,000 people and 2,500 people viewed IPEM's Twitter profile!

Members' views sought on consultation

The Department of Health has launched a consultation on 'Promoting professionalism, reforming regulation', which you can view [here](#). This has implications for the registration of Clinical Scientists and other groups of professionals in future, and the way that registration activities such as Fitness to Practice proceedings are carried out. As this is such a wide-ranging consultation, we want to hear from you, so please send your comments and views to IPEM's External Relations Manager Sean Edmunds at sean@ipem.ac.uk by Friday 5 January 2018.

Opportunities with IPEM

A range of career development opportunities are currently open to IPEM members. They include a new secretary for the Membership Committee, Fellows to sit on the Fellowship Panel, and a member to sit on the Communications Committee. More [here](#).

Grants, prizes and awards

IPEM's grants, prizes and awards recognise leading contributions of individual members to the advancement of their profession. There are prizes and awards across a range of sectors including academic, healthcare and innovation, and for members in different stages of their career. More [here](#).

Congratulations go to the following members who have received grants recently:

Conference and course grants: Andrea Shemilt, Nottingham University Hospitals NHS Trust; Alison Cole, St Bartholomew's Hospital, London; Marc Rea, St Mary's Hospital, London; Geraldine Workman, Northern Ireland Cancer Centre.

Student and trainee travel grants: Rhiannon Grant, Research Institute for Bioengineering, University of Edinburgh; Maighread Ireland, Liverpool Royal and Broadgreen University Hospital; Kirsten Graham, Department of Clinical Physics and Bioengineering, NHS Greater Glasgow and Clyde; Kevin Alty, St James's Hospital, Leeds; Constantinos Franceskides, Cranfield Forensic Institute; Samantha Micklewright, Salisbury; Kuin Pang, Department of Bioengineering, Imperial College, London.

December Scope

The December edition of Scope will be sent to members a week later than normal due to unavoidable delays at the publishers.

Opportunities with IOMP

A number of opportunities with the International Organization for Medical Physics are open to members to apply for. More [here](#).

Change to membership status?

If your circumstances have changed which could affect your membership status, for example, a career break or retirement, please get in touch with our Membership and Training Department at membership@ipem.ac.uk with details.

Science Council registration and renewal fee increases

In September the CSci registration fee increased to £45 and the RSci registration increased to £20. From 1 January 2018 the CSci renewal fee will increase to £45 and the RSci renewal fee will increase to £20.

[Professional Standards Authority report on accredited registers](#)

[ECMP2018 call for abstracts](#)

[Register for EUTEMPE courses](#)

[Sense About Science: Public Engagement: a practical guide](#)

[Registration opens for the Chief Scientific Officer's 2018 conference](#)

[Royal Society of Medicine 'Robocare: The ethical and practical issues of using robots in caregiving'](#)

IPEM Journals Pick of the month

[Physics in Medicine and Biology](#)

[Monte Carlo simulation of radiation transport and dose deposition from locally released gold nanoparticles labeled with ¹¹¹In, ¹⁷⁷Lu or ⁹⁰Y incorporated into tissue implantable depots](#)

[Physiological Measurement](#)

[Design of sEMG assembly to detect external sphincter activity: a proof of concept](#)

[Medical Engineering and Physics](#)

[A simulation framework for humeral head translations](#)

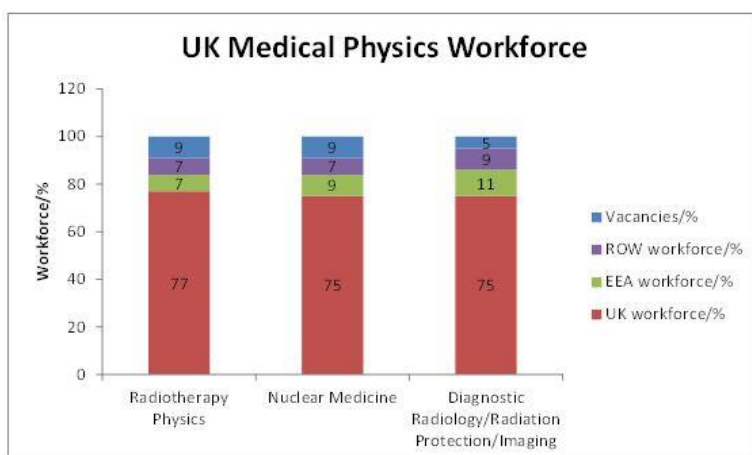
CSci Teach (£25) and RSci Tech (£15) remain unchanged. In the light of these increases, IPEM has agreed to remove the £10 fee/registrant we charged last year as a contribution to the administrative costs of managing registration on behalf of the Science Council.

Increasingly, commercial organisations employing scientists, higher education institutes and government departments are looking more favourably on scientists who hold a Chartered Scientist designation. This development reflects the work the Science Council is doing to reinforce the importance of scientists and science technicians.

Workforce Intelligence Unit

The radiotherapy census is currently open and we have so far received 38 responses from 75 invitations. We are very keen to gather data from all radiotherapy centres, NHS and independent, and would urge all Heads of Radiotherapy Physics to respond. Previous data can be viewed on an [interactive map](#) on the WIU webpages. Much of the value of the dataset is because it is so complete, so we are really aiming for another response rate of over 90%. If you have difficulties, or have not received an invitation and think you should have done, please contact Jemimah Eve at Jemimah@ipem.ac.uk.

Data from the EU workers in the MPCE workforce survey was used to respond to the Migration Advisory Committee's [call for evidence](#) on EEA-workers in the UK labour market. These findings are not due to be published until late 2018. I will be writing a short report on the findings, but the headline information on the composition of the medical physics workforce is shown on the bar chart.



And finally...

Congratulations to Mark Worrall, a Radiation Protection Adviser at Ninewells Hospital in Dundee, who won the inaugural [BIR/GE Healthcare Radiation Safety Travel Award](#) for his work on the creation of a computational model to accurately estimate the thickness of an attenuator from a single digital radiograph.



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