

## Summer 2017 Newsletter

### BJA Research Forum Winter meeting

The BJA Research Forum has now become an established part of the academic calendar, with positive feedback on the new meetings format reflected in improved attendance and high quality submissions and presentations.

This year's Winter meeting will be held on **Thu & Fri 10<sup>th</sup> & 11<sup>th</sup> November 2016** at the Golden Jubilee Conference Centre, Glasgow. The meeting has again attracted high profile keynote speakers and will include the popular BJA workshop, covering various aspects of research methods and publishing. The workshop is aimed at the research active individuals in anaesthesia and allied areas, in both clinical and basic sciences. Sessions include keynote lectures on:

- 1) Invasive physiological assessment of the coronary circulation by Professor Keith Holroyd
- 2) Big data and its application to clinical care in real time by Dr Chris Hawthorne

The meeting also includes free paper sessions for abstract presentation and all successfully accepted and presented abstracts will be published in the British Journal of Anaesthesia. **Closing date for abstracts is 26<sup>th</sup> September 2016.** See [www.ars.ac.uk](http://www.ars.ac.uk). Abstracts are welcomed from Regional Trainee Research Groups and RAFT.

### The hotel and venue features

- Complementary transfers between Glasgow Airport and the conference centre
- Competitive rates with inclusive accommodation, meeting and dinner package
- Whisky tasting
- Free WiFi



**BJA Research Forum Winter Scientific Meeting**  
10th & 11th November 2016, Golden Jubilee Conference Centre, Glasgow

*Keynote speakers*  
*Abstract presentation*  
*Latest research*  
*BJA Research Methodology*  
*Workshop*

*The forum for presentation of international research in Anaesthesia & related specialities*

**BJA**  
Research Forum

Abstract deadline 26th September  
Registration & full programme at [www.ars.ac.uk](http://www.ars.ac.uk)

## Keynote speakers for Glasgow

### Professor Keith Oldroyd

#### *Invasive physiological assessment of the coronary circulation*

Professor Oldroyd is Consultant Interventional Cardiologist at the West of Scotland Regional Heart and Lung Centre in the Golden Jubilee National Hospital. He holds a personal chair within the Institute of Cardiovascular and Medical Sciences, University of Glasgow. He qualified in medicine from the University of Aberdeen in 1982. Following clinical training in Glasgow he was awarded a BHF Clinical Research Fellowship and received his MD degree with Honours for work on the pathophysiological role of endogenous opioids in patients with coronary disease and heart failure. Subsequently he was a Fellow in Interventional Cardiology at the University of Toronto. From 1995-2002 he led the Interventional Cardiology Service at Hairmyres Hospital.



In 2002 he moved to the Western Infirmary in Glasgow. In 2007 he became the first Clinical Director of Cardiology at the newly created West of Scotland Regional Heart and Lung Centre. From 2011-2014 he was also Director of R&D and currently he leads on CV research for NHS Scotland. His own research interests include the clinical and experimental assessment of novel drug eluting stents and the use of invasive physiological indices of stenosis severity to guide decision making in the cath lab. He has been a principal investigator in several international trials including FAME, FAME 2, PRAMI and LEADERS FREE, all of which have been published in the New England Journal of Medicine. Currently he is the UK principal investigator for several studies including two trials of stem cell therapy in acute myocardial infarction.

Professor Oldroyd is a dynamic speaker and will offer a fascinating insight into invasive physiological assessment of the coronary circulation and its relevance to our specialities.

**Dr Chris Hawthorne**

*Bridging the gap between healthcare data and 'big data' analysis*

Dr Chris Hawthorne is a Consultant in Head and Neck Anaesthesia and Neurocritical Care at the Institute of Neurological Sciences in Glasgow. His clinical work is focused on the care of patients with brain and spinal injuries. His current research reflects this clinical interest and belief that the innovative use of clinical data and technology can lead to advances in patient care.



During his talk entitled “Bridging the gap between healthcare data and big data analysis” Chris will illustrate the novel techniques his group have developed for rapid, online analysis of high frequency ‘waveform level’ clinical data,

culminating in the development of the ‘CHART-ADAPT’ (Connecting Healthcare And Research Through A Data Analysis Provisioning Technology) project.

CHART-ADAPT is an Innovate UK funded project which brings together leaders in healthcare technology and informatics to collaboratively develop a platform capable of extracting high-frequency physiological patient data, analyzing it, and then returning the results directly back to the clinician, enabling clinically important physiological models and analyses to be implemented more quickly into clinical practice.

Chris will deliver an absorbing talk covering the important aspects of using big data to help influence current and future healthcare research.

## **Professor Bill Mapleson at 90!**

All anaesthetists will be familiar with the work of Prof Bill Mapleson, but did you know that he was a founder member of the Anaesthetic Research Society in 1958 and has only missed a handful of meetings in over 50 years? The son of an insurance clerk, Bill made his place in the history of anaesthesia and surgery because of his work on the breathing circuits of the day to eliminate re-breathing. He named those circuits A,B,C,D,E and F and in typically self-effacing style commented, "I became the first person in anaesthesia to make his reputation on the strength of his knowledge of the alphabet!"

Professor Mapleson worked in academic anaesthesia at Cardiff University for over 60 years. In 2004, a cutting-edge clinical centre opened in Cardiff that brings the design and testing of medical equipment and the training of tomorrow's doctors together under one roof, named after Prof Mapleson. Reflecting on his career, Prof Mapleson said, "It's really quite something to have a centre named after you. My career has been an extraordinary affair, summed up on the basis that I've led a sort of charmed life. I've been able to do research and be paid for it, which is my hobby as much as my work, and so an ideal situation."

Paying tribute to Bill in 2004, Professor Judith Hall, from Cardiff University School of Medicine, said: "Bill is kind, generous, and thoughtful and he gives his knowledge, himself, his enthusiasm and his care to those around him. He has helped so many young scientists over the years. He has helped so many young clinicians over the years. He has made tomorrow's generation of academic anaesthetists."

The BJA Research Forum led a tribute to Prof Mapleson with the President of the ARS, Prof Phil Hopkins, writing an open letter to Bill, published on the website. A copy of the letter is included below.

If you need a reminder of Prof Mapleson's seminal work, click on these links below!  
Happy revision!

[Tribute to WW Mapleson by Prof Judith Hall](#)

[BJA Editorial 2004 : Fifty years after—reflections on 'The elimination of rebreathing in various semi-closed anaesthetic systems'](#)



## Anaesthetic Research Society

[www.ars.ac.uk](http://www.ars.ac.uk)

Registered Charity Number: 282042

Professor Bill Mapleson  
By email  
c/o Dr Ralph Vaughan

St James's University Hospital  
Leeds  
LS9 7TF

18<sup>th</sup> July 2016

Dear Bill

I am writing on behalf of members of the Anaesthetic Research Society to send our congratulations to you on the occasion of the celebration of your 90<sup>th</sup> birthday.

You were one of the founding members of the Anaesthetic Research Group, the forerunner of the Anaesthetic Research Society. The Anaesthetic Research Group first met in 1958, becoming the Anaesthetic Research Society in 1968 when the growth in membership necessitated a more formal organization. I am sure you will correct me (as you have politely done on several occasions at meetings of the ARS) but my recollection is that you only missed one meeting of the ARG/ARS from 1958 at least until 2001 when I ceased to be Honorary Secretary.

For those of us who grew up in academic anaesthesia with you as the constant presence on the front row at ARS meetings, you will always be the epitome of all that is good about a research society. Your comments were always constructive and delivered in your familiar supportive tone, even when the rest of the audience thought that the chances of resurrecting anything publishable from what had just been presented as beyond divine intervention. In 1998 the Executive Committee of the ARS decided that the Society should award an eponymous medal each year for the best presentation. The decision to call this the Mapleson medal was the easiest that the committee ever had to make.

For all these reasons and especially for your company and friendship, it is again my very great pleasure on behalf of the members of the Anaesthetic Research Society, to congratulate you on yet another milestone and to thank you for your very great contribution to the ARS.

With best wishes,



Professor Phil Hopkins  
President of the Anaesthetic Research Society



### **Reduced fees**

Fees for full-time undergraduate or postgraduate students will be 50% of the full fees above.

Non-members can join the BJA Research Forum / Anaesthetic Research Society at the meeting. Membership is £30 per year. Non-members who have paid the full £250 for this meeting will have their first year's membership fee waived, ensuring that you receive the same benefits as current members.

### **How to register**

Visit the BJA Research Forum website at [www.ars.ac.uk](http://www.ars.ac.uk) to register and for more further information.

Details of abstract submission will be on the ARS website [www.ars.ac.uk](http://www.ars.ac.uk) and detailed via the [Twitter](#) and [Facebook](#) pages.

### **What is the BJA Research Forum?**

This forum is a partnership between the British Journal of Anaesthesia and the Anaesthetic Research Society and was announced in Spring 2015. The aim of the forum is to facilitate high quality scientific meetings with a focus on current research from Anaesthesia and its related disciplines. The Forum will run 2 meetings per year, one in London in the Spring and one in the Autumn, as detailed above. Meetings will have both themed and open abstract submissions and there is a commitment from University Academic departments, Journal editorial teams and key Academics to attend. The meetings will allow junior and senior presenters to discuss their work and collaborate and will build on international links to key individuals and societies.

The forum will have a membership, through the Anaesthetic Research Society. Members will be kept up to date with UK Research highlights and news and receive preferential rates for the national meetings. Updates will be provided by [Twitter](#) and [Facebook](#) and you can find us on [Twitter](#) by clicking the icon at the top of this page.

### **Join the BJA Research Forum**

The BJA Research Forum is open to all! Membership is £30 per year and offers regular newsletters and updates on Research, Grants and opportunities within UK Anaesthetic Research. Members will receive preferential rates for all future meetings.

Finally, there will be vacancies on the BJA Research Forum Committee for enthusiastic individuals who want to get more involved in Anaesthetic Research, running meetings and the activities of the group. Informal enquiries to Prof Gary Mills, the current Secretary via the [website](#) links.