

British Medical Ultrasound Society News

February 2014



BMUS 2013

**“Stunning setting,
excellent execution
and vibrant
atmosphere...”**

**“The ideal measure of
success for us is excellent
customer response and lead
intake, which, without a
doubt was outstanding.
Thank you BMUS for your
professionalism and
excellent execution!”**

Superheroes in Science

**Face to face with
Prof Stephen Hawking
and
Commander Chris Hadfield**



A word from the President

Prof Paul Sidhu

What an end to the year!

I am talking not about the recovery in the economy, but about the Annual Scientific Meeting in Gateshead. I hope all of you who attended will agree that the setting was spectacular overlooking the Tyne, the meeting Halls were fit for purpose, the exhibition outstanding and the scientific content superb.

“This is all a tribute to Borsha Sarker and her team who went that extra mile to make it most worthwhile for us all. A big well done to you all, as well as to the long suffering office staff at BMUS, with a seamless meeting the product of hours of hard work with attention to detail.”

Credit of course goes to many other people, lecturers included, who make meetings such as this a great success. Thank you all. We had overseas guests again this year - apart from the President of the Australian Society of Ultrasound; I met the Vice-President of the West African Society of Ultrasound, who was exceedingly complimentary the meeting location and the scientific program.

Onwards and upwards to Manchester this year - another success no doubt. Time to put in the request for study leave!

It is becoming increasingly important to keep up-to-date with ultrasound developments, and there is no better place than the Annual Scientific Meeting to get an overview of the developments in ultrasound condensed into 3 days, with some added partying at no extra cost. Preparations are in full swing for next year, if you want to participate as a delegate, watch out for announcements on the website. If you want a 'hands-on' approach, helping out in any way – get in touch and we will put your enthusiasm to work!

This coming year will be important to BMUS, we have made some fundamental changes to the way the society works.

We remain a charitable trust, but this still means we have to pay our way in an increasingly 'hostile' world of business. We have moved the office out of London, where rents are eye-watering, and have set up an office in Milton Keynes.

Rachel, Heather and Joy work from home most days, but do travel to the office to work on specific days. We do however maintain a London postal address for commercial and promotional reasons at minimum cost. This working set-up over the next two years hopefully will allow for a more stable working environment.

The committees of BMUS have also been realigned. The Scientific and Educational committee, previously overseeing study days has been amalgamated with the Annual Scientific Meeting committee, to give the society more depth in experience and also continuity of expertise with organization of both study days and the annual meeting. The Chair of the Annual Scientific Meeting, (Pam Parker,) will be drawn from this committee; experience gained will make the task of the Chair less daunting. Pam talks about the new committee in more detail opposite.

The Publications committee has been disbanded, and the journal takes centre stage with an Editor and the Editorial Board taking charge of publications. A new Officers post has been created and the post of Past-President disbanded. The new Development Officer - (see Pete Hoskins' article on the next page) has detailed his new role in the society in his contribution to this newsletter, so no more on this, other to say this is a crucial role that needs considerable support from all members. The immediate Past-President, (Colin Deane) will continue in a role for BMUS, representing us in Europe for the 2-years following Presidency, reporting back for the Board meetings of EFSUMB. Many changes at head office, but hopefully for the better.

Remember BMUS is a mutual society and dependent on members to improve things and to contribute to the running of the society, all contributions welcome. One of the areas we could improve is the website, and this is recognized by Council. Plans are afoot to revamp the website over the next year, finances permitting.

We continue to support EFSUMB, with a number of 'Brits' representing BMUS in positions that are likely to influence the practice of ultrasound on the European stage. We pay a small premium to remain a member, and we will continue to support as there are benefits. We have at present chosen not to take a subscription to the *European Journal of Ultrasound*, the society's journal, which has a very high impact factor.

The Annual Scientific Meeting of EFSUMB, EUROSON, is taking place in Tel Aviv this year in May. If you plan to travel book early.

Lastly, our journal, *Ultrasound*, continues to be stable with contributions increasing and material of interest published quarterly. I am sure the Editor will continue to welcome all contributions but especially original research. Keep those articles coming!

Best wishes for a successful new year.

Changes in BMUS Accounting Procedures

BMUS Council is continually looking at ways to reduce overheads. At the Annual General Meeting in Gateshead on 10th December, we informed members of our intention to alter the annual accounting procedure for the financial year 2013/14. This change will result in the Society's accounts being scrutinised by Independent Examination and no longer being fully Audited. Consequently, this will lead to a reduction in accountancy costs. SBM & Co, the Society's current auditors, were re-appointed at the 2013 AGM as the Society's accountants and as such they will continue in the role as Independent Examiner.

Please be assured under Charity & Company Law, it will still be a requirement to submit the Trustees' Annual Report and a set of accounts. These documents will remain fully available to the membership for scrutiny.

Should any member wish to object to this change, please contact the General Secretary, Joy Whyte - joy@bmus.org in the first instance or write to 27 Old Gloucester Street, London WC1N 3AX by Friday 14th March 2014.

Cabinet reshuffle

Development Officer

This post is the brainchild of past-President Colin Deane and I am the first holder of this post. The post has 3 main remits.

First - to develop a CPD scheme.

Second - to develop on-line education linked to CPD.

Third - to develop professional standards, again linked to CPD.

Talking to BMUS members they continue to have difficulty getting time and money to attend training days, yet CPD is a requirement for continued professional registration. By creating on-line education linked to CPD BMUS will hopefully ease this ongoing problem.

For professional standards several groups already publish standards including the RCR, RCOG, SVT in the UK, and other groups internationally. However discussion with colleagues reveals a lack of standards in key areas such as clinical image quality and report quality. In addition some standards are now quite old and probably need to be updated, for example the RCR equipment standard is now 9 years old. BMUS activity in future will include activities which BMUS will undertake independently, and also we will continue to participate in joint initiatives with other bodies.

The above is more work than one person can undertake. **The input of other BMUS committee members and BMUS members in general will be essential.**

In the first instance I am undertaking wide ranging discussions and consultation with BMUS members to help define need and goals, with the aim of producing a plan within 1-2 months. Following this I will be looking for people to lead and join in with working groups, again goal-driven.

For the longer term we will need volunteers from the membership to help on an ongoing basis with activities such as content preparation for on-line education.

Peter Hoskins
Development Officer
Edinburgh University

Scientific Committee merger

In 2013 BMUS council reviewed the role and responsibilities of the committees which form the basis of the organisation. This has resulted in the existing Scientific and Education Committee (S&E) being merged with the scientific organising committee of the Annual Scientific Meeting (ASM) which has previously changed on an annual basis. This new committee will ensure a greater continuity between the ASMs and reduce running costs of BMUS overall.

The new S&E committee will be led by the chair of the ASM scientific programme, assisted by a team of enthusiastic and committed members of the ultrasound profession.

The committee's main role is to support education for the ultrasound profession.

This includes developing an exciting, interesting and educational programme for the ASM as well as organising the BMUS study days and annual Summer School which are an integral part of the BMUS educational credentials.

Following the success of her predecessor in organising the fabulous meeting in Gateshead last December, Pamela Parker is the chair of the 2014 S&E committee and ASM. She is leading the team in organising the ASM to be held on 9th - 11th December 2014 at The Point Conference and Events Centre of the Lancashire Cricket Club, Emirates Old Trafford, Manchester. This unique venue will offer a different flavour to the ASM programme with opportunity to explore diagnostic in the sporting world at first hand.

Are you interested in joining the S&E committee and supporting the educational programme offered by BMUS?

If so please contact the BMUS office for more details.

Pam Parker
Scientific & Education Committee and Scientific Programme Chair 2014

BMUS Officers 2014

BMUS President - Prof Paul Sidhu, London
President Elect - Dr Carmel Moran, Edinburgh
Honorary Treasurer - Dr Roger Moshy, Peterborough

Honorary Secretary - Dr Simon Freeman, Plymouth
Development Officer - Prof Peter Hoskins, Edinburgh

Postcards from



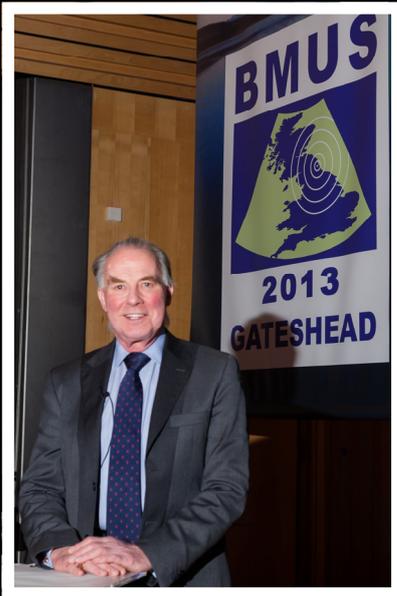
Venue with a view!



It wouldn't be BMUS without some dancing!



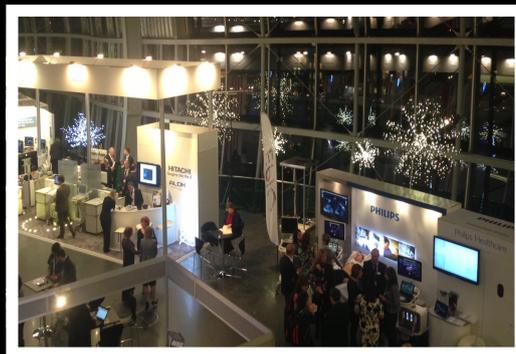
Scientific Chair Borsha Sarker thanks Professor Sir John Burn for delivering the Peter Twining Memorial lecture and providing the music at our annual dinner



Andrew Andrews MBE from Bond Solon delivered the medico-legal masterclass



Sue Halson-Brown enjoys some puppy love ahead of the hands-on vet session.



Hitachi Aloka

"Stunning setting, excellent execution and vibrant atmosphere! Thanks to the entire BMUS team and Borsha for their dedication, commitment and enthusiasm in making the event such a success!"

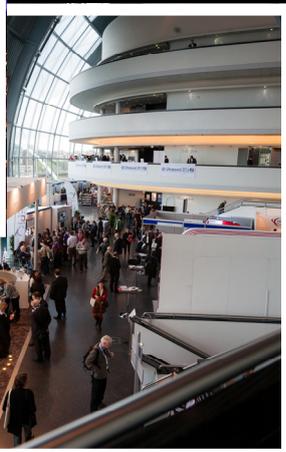
GE Healthcare

"Feedback from our visitors showed just how successful the decision to come to the meeting was, some judging it the best BMUS for many years".

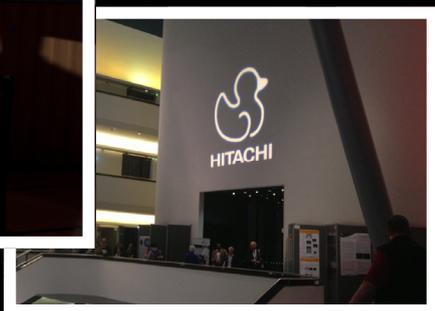
Philips UK

"BMUS 2013 was a huge success. Our team enjoyed the venue immensely and felt the old BMUS spirit had been recovered! Smiling, enthusiastic delegates said it all about the venue, programme and exhibition."

Gateshead



Dr Simon Elliott delivered the key-note Donald MacVicar & Brown lecture and the BMUS live event from 'Ducks to Doppler'



Head and neck master-class courtesy of Dr Rhodri Evans and team

Checking out Samsung Medison's 'Hello Mom' 4D technology



BMUS 2013 prize winners

Best paper presented at BMUS Winner -

Acute gynaecological emergencies; the clinical utility of pelvic transvaginal ultrasound, C Footitt¹, A Nasrullah², V Rudralingam²,
¹Royal Bolton Hospitals NHS Foundation Trust, ²University Hospital South Manchester

Runner up -

Popliteal mass in the absence of DVT, E Womersley¹, M Crowe¹, C Davies², M Nicholls²
¹York Teaching Hospitals NHS Trust, ²York Teaching Hospitals NHS Trust

Poster prize Winner -

The use of self-made microbubbles for contrast-enhanced ultrasound imaging in dogs: potential for image-guided drug delivery *in vivo*, K Vanderperren, S Cool, H Haers, E Stock, C Fina, L Duchateau, N Sanders, JH Saunders, Ghent University, Belgium

Runner up -

Audit of patient knowledge and information prior to ultrasound-guided musculoskeletal injections, M Igra¹, JD Thomas², P Robinson¹, H Gupta¹, ¹Leeds Teaching Hospitals Trust, ²Nottingham University Teaching Hospitals Trust

Young Investigator Award

High-frequency acoustic properties of a tissue-mimicking material suitable for preclinical Doppler phantoms, DA Kenwright¹, S Rajagopal², N Sathoo², T Anderson¹, GA Gray¹, PW Hadoke¹, CM Moran¹, B Zeqiri², PR Hoskins¹ ¹BHF Centre for Cardiovascular Science, The University of Edinburgh, ²National Physical Laboratory, Teddington

David will represent BMUS at Euroson 2014 in Tel Aviv in May

Best paper by a student (kindly sponsored by Sage Publications)

Winner -

Reliability of aortic aneurysm screening measurements, R Weston Smith, JA Evans, S Wolstenhulme, University of Leeds

Runner up -

Is there agreement on what makes a good ultrasound image? C Keeble¹, S Wolstenhulme², AG Davies³, JA Evans³, University of Leeds

Dates for your diary

February

28th

International Paediatric Contrast Enhanced Ultrasound Course

King's College Hospital, London

March

28th

Head and Neck day

Holiday Inn Hull Marina

June

11th

UKRC - BMUS session

19th - 20th

BMUS Summer School

Leeds Radiology Academy

Day 1 - Hepatobiliary Ultrasound

Day 2 - Ultrasound in Gynaecology & Urology

August

8th

BMUS 2014 Abstract submission deadline

September

26th

Leeds Paediatric Ultrasound course

28th

BMUS 2014 Early bird registration deadline

December

9th - 11th

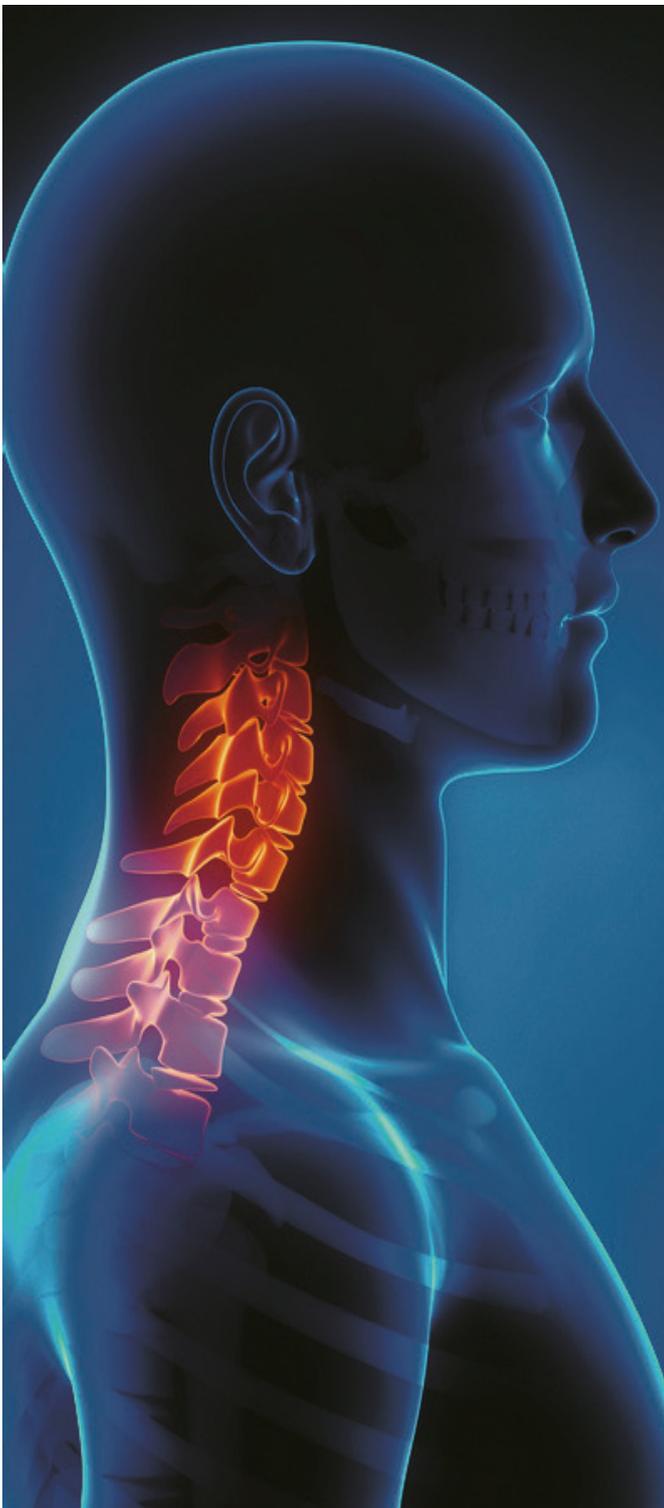
BMUS 2014

The Point, Emirates Old Trafford, Manchester

Gynaecology series and Obstetrics day to be announced soon.

For more information and course listings go to -

www.bmus.org/conference-events/ce-home.asp



Ultrasound Education for Healthcare Professionals

Running a course and want
BMUS endorsement and CPD credits?

Email rachel@bmus.org for more information. Or go to -

www.bmus.org/conference-events/CourseEndorsementRequirements.pdf



Out of this world - Rachel Meir

I was recently lucky enough to have the opportunity to meet two men with huge brains, both superheroes in science.

Prof Stephen Hawking; the most brilliant theoretical physicist and cosmologist since Einstein, and the charismatic Commander Chris Hadfield, back on Earth after his final 6 month space mission.

I was blown away by the stories both told, especially the talk of colonizing Mars and the changes in the body astronauts experience in space. I spoke to Chris about 'space medicine' and the use of ultrasound to examine fellow crewmates on the International Space Station, in order to monitor the size and elasticity of the arteries when medical facilities are more than just a short ambulance ride away. And who knew that within as little as two hours of being in orbit your body recognizes that it does not require a skeleton in that environment, so begins to break it down and dispel it? I think I'll put my Virgin Galactic ticket on hold.

Chris Hadfield and his team conducted more than 130 scientific experiments during their 146 days in space. As Stephen Hawking says; "I don't think the human race will survive the next thousand years, unless we spread into space." Keep up the good work, boys!

What are the most unusual or exciting ultrasound related conversations you have had? Send your pictures or stories to rachel@bmus.org



Prof Hawking and Cmdr Hadfield



Hanging out with the space cadets

Ultrasound ears to the ground

Snippets heard in ultrasound environs across the land in recent weeks.

"Sorry I'm late. One of my New Year's resolutions was to not be a slave to time."

"If she must play Candy Crush in the loo at work, at least have the sense to turn the volume down!"

"Back. Away. From. The. Chocolate. It's gym o'clock."

"I need more excitement in my life. Cross stitch doesn't compare to Breaking Bad."

"He's only gone and done a 150 degree turn. After everything he said!"

It would seem remiss to not mention the weather, especially as the other hot February water cooler topic - all those broken new years resolutions - is a fading memory.

We were lucky to escape the 'polar vortex' (at the time of writing this at least!) and were able to read about it from the warmth of our own homes. It was a gift to journalists, who duely basked in such heaven sent headings as 'When Hell Froze Over.'

Never has our 'obsession with the weather been greater. And never has the weather been such a celebrity, with countless columns, tweets, instagrams devoted to her. Roll on spring!

Oh we do like to be beside the seaside. The Welsh coast looking a bit rough.



St Joseph, Michigan transforms into a lunar landscape on Earth.
Credit-
Thomas
Zakowski





Ultrasound 2014

46th Annual Scientific Meeting of the British Medical Ultrasound Society

9 - 11 December 2014

The Point, Emirates Old Trafford, Manchester

Programme Highlights:

Joint meeting with the Association of Early Pregnancy Units

Musculo-Skeletal training sessions in conjunction with the
MSK SIG of the Society of Radiographers

Advanced MSK training for the more experienced
practitioner

Reporting Skills and monitoring clinical practice
workshop

Imaging within clinical pathways – where
ultrasound affects management

AQP – To apply or not, How the AQP
contracts are affecting workloads

Sonographer education – time for
evaluation and change

And much much more!

**Chair of 2014 Scientific
Organising Committee**



Pam Parker

