

# British Medical Ultrasound Society News



## A word from the President Paul Sidhu

**This is the first time I am writing an item for the BMUS Newsletter in my new role as the President of the Society.**

It gives me great pleasure to thank the last President, Dr Colin Deane, who has done a wonderful job over the last two years in taking the Society forward on many fronts. It is also my pleasure to thank Julie Walton, the immediate Past President, who has now finished her term on Council and Officers after many years of dedicated service to the British Medical Ultrasound Society. I also wish to thank all departing Council members who over the years have provided their services to the betterment of the Society freely and with immense good will.

The end of 2012 saw a very successful Annual Scientific Meeting (under the guidance of Dr Emma Chung, and her Committee) in Telford, Shropshire.

The meeting was the best attended for a number of years, the Scientific programme outstanding and the social events, as usual, attractive to many. The Telford conference centre was well laid out, and inviting, with comfortable lecture rooms. Lack of hotel accommodation for attendees and exhibitors was an issue but should we ever return to Telford, we are assured that more hotels are being planned in the area.

The next Annual Scientific Meeting will be in Gateshead, under the watchful eye of Borsha Sarker, and this too we hope will be an outstanding success.

We were supported at the Annual Scientific Meeting by the manufacturers to a varying degree. Most of the manufacturers that I spoke to had experienced good "footfall", and were pleased with the venue.

**It needs to be emphasised that this is the only General Ultrasound Meeting in the United Kingdom where ultrasound manufacturers can demonstrate their machines to all groups of clinicians and non-clinicians practising ultrasound.**

More importantly the audiences are educated and appreciative of all the innovations that the manufacturers are now displaying – so take advantage of this! Although ultrasound is now a tool used by many different specialities, outside the traditional users of obstetrics, gynaecology, radiology and vascular laboratories, it is worthwhile remembering that the expertise still lies within the core users.

This brings me to another point that continues to bother me, the proliferation of ultrasound machines throughout the NHS, often underused and inappropriate for the task. Although it is heart-warming to see many different specialities taking up ultrasound, recognising its greater use as a diagnostic tool, it is a shame

that very often these machines are 'left-to-die' in a corner of some forgotten land.

I wonder how many of us have seen ultrasound machines littering corridors, surgical theatres, used perhaps three to four times per week, whilst the main users of ultrasound are crying out for better equipment. Eventually, hospital management will recognize this issue, particularly when it is brought to their attention how costly this can be. It should be incumbent upon all traditional users of ultrasound not to prevent others using ultrasound, but to facilitate the learning, application of ultrasound to the benefit of all patients.

I personally would like to see hospitals set up 'committees' overseeing 'new' applications of ultrasound, taking responsibility for the purchase of equipment and implementing clinical governance. This would ensure that the most suitable equipment is bought for the task in hand.

**I wonder if any of our members have views on this - it would be interesting if you could share your experience in the newsletter.**

I would like to hope that over the next two years we can continue to expand and consolidate our educational aspects; grow the Annual Scientific Meeting, by making it more attractive to the non-traditional uses of ultrasound, and to put BMUS on a sound financial footing.

# Who's Who & Who's New

## New BMUS Officer– Honorary Secretary

**Peter Hoskins** was an NHS medical physicist in Lincolnshire in the 1980s where he helped set up the vascular ultrasound service.



He joined the Medical Physics department in Edinburgh in 1984 achieving consultant status in 1998. He moved to Edinburgh University in 2002 and gained a personal chair in Medical Physics and Biomechanics in 2012.

His ultrasound research has been concerned with the development of ultrasound techniques for diagnosis of cardiovascular disease.

He also has an interest in new methods for diagnosis based on computational modelling of blood flow and tissue mechanics.

Work on phantom design has led to involvement in standards (with IEC) and QA guidance (with IPEM), and he currently chairs the BMUS working party on QA of ultrasound systems.

He co-edits the textbook 'Diagnostic Ultrasound physics and equipment' with Kevin Martin and Abigail Thrush.

He has been involved with many BMUS conferences, including as Scientific Chair of the 2011 Annual Scientific Meeting in Brighton.

In the past he was awarded the Euroson Young Investigator Award for work on vector Doppler, and recently was a student for the 5th and final time, gaining a PGCert in University Teaching in 2012.

## Honorary members of BMUS

Honorary membership is awarded to individuals who have in the Council's view served or contributed with distinction to the field of ultrasonics as applied to medicine.

There are currently 17 honorary members who are listed below. The articles of the association restrict the number of honorary members to 24.

The criteria for honorary membership are high, and Council will take this into account when reviewing submissions for honorary membership. On average one new honorary member is appointed every 2 years.

Suggestions for new honorary members are welcome and should be submitted to the Honorary Secretary at any time.

This should include 500 words detailing why the particular individual should be considered for honorary membership.

Council will consider submissions for honorary membership in its November meeting.

## Current honorary members

Dr Paul Allan

Mr Tom Brown

Prof Stuart Campbell

Prof David Cosgrove

Dr Paul Dubbins

Prof Frances Duck

Prof David Evans

Dr Tony Evans

Mr John E Fleming

Prof Raymond Gosling

Dr Gail ter Haar

Prof Kit Hill

Prof Norman McDicken

Dr Hylton Meire

Dr David Pilling

Mrs Jane Smith

Prof Peter Wells

## BMUS Committees 2013

### President

Prof Paul Sidhu - [paulsidhu@nhs.net](mailto:paulsidhu@nhs.net)

### Past President

Dr Colin Deane - [Colin.deane@nhs.net](mailto:Colin.deane@nhs.net)

### President Elect

Dr Carmel Moran - [Carmel.Moran@ed.ac.uk](mailto:Carmel.Moran@ed.ac.uk)

### Honorary Treasurer

Dr Roger Moshy - [Roger.moshy@pbh-tr.nhs.uk](mailto:Roger.moshy@pbh-tr.nhs.uk)

### Honorary Secretary

Prof Peter Hoskins - [phoskins@staffmail.ed.ac.uk](mailto:phoskins@staffmail.ed.ac.uk)

### Senior Journal Editor

Dr Kevin Martin - [kevin.martin42@btinternet.com](mailto:kevin.martin42@btinternet.com)

**Chair, BMUS Scientific & Education Committee** Dr Simon Freeman - [simonfreeman@nhs.net](mailto:simonfreeman@nhs.net)

## We would like to welcome the following new Council members-

Dr Emma Chung, Mrs Pam Parker and Dr Bob Jarman

For a full listing of Council and all our committees go to [www.bmus.org/about-bmus/ab-councils.asp](http://www.bmus.org/about-bmus/ab-councils.asp)

## In this issue...

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### The Safe Use of Ultrasound in Medical Diagnosis

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## THE SAFE USE OF ULTRASOUND IN MEDICAL DIAGNOSIS

This hotly anticipated 3rd Edition, edited  
by Prof Gail ter Haar is now available.

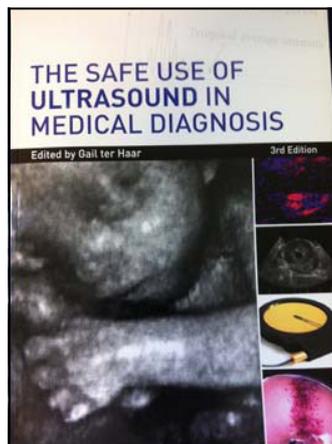
To access an e-copy go to-

[www.bmus.org/policies-guides/pg-safetystatements.asp](http://www.bmus.org/policies-guides/pg-safetystatements.asp)

All BMUS members are  
entitled to a  
complimentary copy.

Some of you will have  
collected your copy at the  
Annual Scientific Meeting in  
December.

Any others who would like a  
hard copy of the book should  
let the BMUS office know –  
office@bmus.org  
(P&P costs will apply.)



Physiological  
Measurements Ltd.

## Sonographers Wanted

We require: Part-time / Full-time/Bank  
posts, Nationwide

Salary Equivalent to Band 8a, plus travel allowance and  
healthcare benefits of up to approximately £4,500 or  
alternatively as part time staff; £35 - 40 per hour  
(dependent on experience).

Physiological Measurements Ltd is a fast growing and  
successful provider of Community Diagnostics services.  
We are looking for experienced individuals who are  
enthusiastic and highly motivated to join our Consultant  
Radiologist led Community Diagnostics teams.

Applicants will have HPC registration and hold an  
appropriate post graduate qualification in medical  
ultrasound. They will work as part of a multidisciplinary  
team with the capability of autonomous practice and  
independent Advanced Practitioner reporting.

They will be expected to perform ultrasound examinations  
including general abdominal, pelvic, TV and superficial  
imaging. There are also opportunities available for  
individuals competent and qualified to perform MSK and  
advanced Vascular ultrasound.

Successful candidates will be expected to support both  
the service and staff in maintaining and developing a high  
quality service provision, whilst delivering clinical  
excellence.

### Superintendent Radiographer (Regional)

Opportunities Nationwide

Salary Equivalent to Band 8b, plus travel allowance and  
healthcare benefits of up to approximately £4,500 or  
alternatively as part time staff; £40 - 45 per hour  
(dependent on experience).

We have a number of opportunities available for a  
Regional Superintendent Radiographer to oversee the  
clinical operations of a number of Community Non  
Obstetric Ultrasound Services across the UK.

Can you recommend a friend?  
Referral Bonus of £1000 Available

If you would like to find out more about the Referral Bonus  
and these positions, please contact us.

To apply please send a CV and covering letter to  
Sian Taylor

[s.taylor@pml.tel](mailto:s.taylor@pml.tel) Tel: 0870 246 1888

[www.physiologicalmeasurements.com](http://www.physiologicalmeasurements.com)

Provider of diagnostic investigations in  
hospital & community settings



## BMUS ULTRAPOST

### Ultrasound news for healthcare professionals

A one-page e-newsletter that will bring the latest ultrasound  
news, BMUS society news and forthcoming events right into  
your inbox each month.

This e-newsletter is free and is for all - members, non-members  
or anyone who is interested in Ultrasound.

Do you know that you can now pay your  
BMUS membership fee  
quarterly using Direct Debit,  
starting as low as £20?

Renew your membership for 2013 and continue  
contributing to ultrasound education and  
development.

You can switch to quarterly payments  
at any time.

email [heather@bmus.org](mailto:heather@bmus.org)



# Postcards from Ultrasound 2012



Prof Gail ter Haar  
delivering the Donald  
MacVicar & Brown  
keynote lecture

BMUS returned to its rightful time of year, bringing with it lashings of festive spirit wrapped up in a neat package of education and innovation.

Delegate numbers were up by 36% on the previous 2 years.

We had over 600 registered, with 1057 over all 3 days.

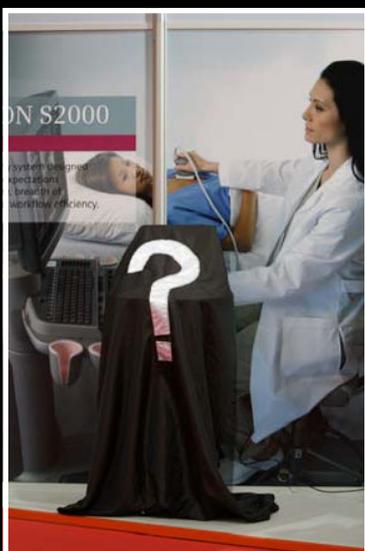
We're aiming to up this number again in Gateshead in Dec.

Thank you to everybody who made this event a great success!



Siemens unveiled their newest edition to their ACUSON portfolio— the ACUSON X700

The poster exhibition included an ultrasonic take on 'Fifty shades of grey...'





Colin Deane presenting winning Young Investigator, Victoria Bull her prize



Qiqi Lam from Derriford Hospital won the Best Poster presentation



The Hitachi Aloka stand stood proud and reported a record number of visitors



Prof Gordon Brown delivering the Peter Twining Memorial key-note Lecture



## Ultrasound 2012 Prize winners

Congratulations to the following-

### Best Paper presentation

**Transvaginal ultrasound simulation: can it replace initial patient training for doctors?** **CJ Williams**<sup>1</sup>, JC Edie<sup>2</sup>, DM Flinton<sup>2</sup>, G Harrison<sup>2</sup>, B Mulloy<sup>3</sup>,<sup>1</sup>Royal Sussex County Hospital, <sup>2</sup>City University, London, <sup>3</sup>Central Health Medical Practice, Hong Kong

### Runner up

**Is it time to offer patients a copy of their report?** **JEM Blackwell**<sup>1</sup>, NJA Cozens<sup>2</sup>, SJ Blackwell<sup>3</sup>, <sup>1</sup>Nottingham University, <sup>2</sup>Royal Derby Hospital, <sup>3</sup>Keele University

### Best Poster Presentation

**Poster 11. Colour maps and the reproducibility of sonographic endometrial thickness measurement,** **Q Lam**<sup>1</sup>, R Phillips<sup>2</sup>, <sup>1</sup>Derriford Hospital, Plymouth, <sup>2</sup> University of West of England, Bristol

### Runners-up

**Poster 10. The incidence of renal pathology discovered during routine gynaecological examinations,** **J Johnson**, A McGuinness, Mid Yorkshire Hospitals NHS Trust

**Poster 16. Contrast-enhanced ultrasound (CEUS) for indeterminate renal lesions,** **BO Olubaniyi**, S Freeman, CM Gutteridge, Derriford Hospital, Plymouth Hospitals NHS Trust

### Best student paper

**Effect of patient positioning on the duration of venous reflux in duplex ultrasound for venous insufficiency,** **M Bonfield**, F Cramp, T Robinson, University Hospitals Bristol NHS Foundation Trust, University of the West of England

### Young Investigator Award

**Development of a hybrid ultrasound and magnetic resonance imaging system for the guidance and monitoring of focused ultrasound therapy,** **V Bull**, J Civalè, I Rivens, DJ Collins, MO Leach, GR ter Haar, Institute of Cancer Research, Sutton

### Abstract book

This can be found on [www.bmus2012.org](http://www.bmus2012.org)

# Ultrasound 2013

9 - 11th December 2013

## The 45th BMUS Annual Scientific Meeting at The Sage Gateshead

### Conference highlights:

Team Challenge–  
Ultrasound meets  
University Challenge

Expert techniques– live demos

Medico-legal master class

Plenary Sessions  
Meet the Expert  
Scientific Poster Exhibition  
Unusual Cases Competition



I look forward to seeing you at  
Newcastle-Gateshead 2013  
Borsha Sarker  
BMUS Ultrasound 2013 Chair

Abstract  
Deadline

9. 8. 13

Early Bird  
Deadline

27.9.13

Registration  
Deadline

29.11.13

Integrated training packages

Poster Exhibition  
Skills Workshops &  
Registrar Training  
Education on the stands

**Integrated Training:**  
Point of Care  
Head & neck  
Fetal cardiac  
Carotid Doppler  
and more...

Cracking acute ultrasound

Service delivery & professional  
issues

Ultrasound Master classes:  
MSK  
Thyroid  
Bowel Ultrasound  
Early pregnancy

Main Concourse Exhibition  
will be the centre of  
attraction with a bar, café  
and complimentary Wi-Fi

Advanced practice with the Radiology  
Academies– Doppler, acute renal,  
Intervention, acute Gynae & GI, acute  
RIF...

From ducks to Doppler...  
A celebration of music, wildlife and  
sound

**Pre-event: A chance to  
explore Northumberland**



# Dates for your diary

## February

5th – Gynaecology, Peninsula Radiology Academy, Plymouth

## April

9th – 'A stab in the dark – interventional and research opportunities for sonographers', Centre for Life, Newcastle

## June

8th – When a cleft lip is suspected - recognising the challenges & managing the expectations (with CLAPA, ARC,) London

## August

9th – Abstract deadline for ASM

## September

27th – Early bird registration deadline for ASM  
tbc – Emergency ultrasound, London

## December

9th-11th **BMUS Annual Scientific Meeting & Exhibition,**  
**The Sage, Gateshead**



**Promoting ultrasound  
for healthcare  
professionals**

BMUS, 28 Portland Place, London W1B 1LY