A word from our President

BMUS Ultrasound 2023

BMUS Awards 2023

Annual BMUS Financial Report

Welcome to our New BMUS Travelling Ambassadors

Annual Update from the BMUS Honorary Secretary
Dear Friends and Colleagues,

I hope you all had a festive and relaxing time over Christmas. Time seems to fly by, and we are already well into the new year.

Let’s take a moment to celebrate some of our achievements from 2023. Face-to-face meetings and study days were back in full swing, and the Annual Scientific Meeting saw delegate numbers and study days back in full swing, and the Annual Scientific Meeting saw delegate numbers and study days were back in full swing, and the Annual Scientific Meeting saw delegate numbers and study days were back in full swing. Let’s take a moment to celebrate some of our achievements from 2023. Face-to-face meetings and study days were back in full swing, and the Annual Scientific Meeting saw delegate numbers and study days were back in full swing, and the Annual Scientific Meeting saw delegate numbers and study days were back in full swing.

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Our Annual Scientific Meeting is the highlight of the Society’s year, and the 2023 event was every bit as successful as we could have wished.

Attendees enjoyed a full three-day programme of in-depth lectures, practical sessions and special educational streams, a cutting-edge industry exhibition and poster exhibition.

One of the highlights of the event was the Winter Ball, with a deluxe three-course meal, live entertainment and awards.

BMUS Ultrasound 2023
York, 5–7 December

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The annual event is an also opportunity to recognise the hard work and dedication of our ultrasound community with a number of awards, announced at the Winter Ball on 7th December. Winners were announced for the following categories:

**Best Scientific Poster:**
Jasmine Lister, Sheffield Teaching Hospitals NHS Foundation Trust, for: Mechanical Index Limits are being Exceeded

**Best Case Report Poster:**
David Johnson, Royal Melbourne Hospital, for Adult Ileocolic Intussusception – A Rare Cause of Epigastric Pain

**Best Clinical Poster:**
Allison Harris, Great Ormond Street Hospital, for SELSTOC – Ultrasound Features and Progression

**Best Student Presentation Award:**
Innocent Onu, Maidstone & Tunbridge Wells Hospital NHS Trust, for Developmental Dysplasia of Infant Hips (DDH): Is there any correlation between high birthweight in females and incidence of DDH identified in ultrasound screening?

**BMUS Young Investigator 2023:**
Sam Butler, University Hospitals of North Midlands NHS Trust, for his presentation Assessment of Thermal Index Compliance in Clinical Ultrasound Examinations. Sam will represent the UK at the EUROSON 2024 Congress in Naples, Italy with the opportunity to win the ‘European Young Investigator’ title.

**Best Oral Presentation**
Winner:
Borsha Sarker, NIHR Leeds Biomedical Research Centre and Leeds Teaching Hospitals NHS Trust, A multidisciplinary team-led approach to improving care for patients with suspected giant cell arteritis

Runner-up:
Jamie Wild, Sheffield Teaching Hospitals, Contrast Enhanced Ultrasound (CEUS) for indeterminate renal lesions - What are you waiting for?

**BMUS Champion of the Year:**
Emily Skelton, Lecturer, Division of Radiography and Midwifery City, University of London
Annual BMUS Financial Report
Piero Miloro, BMUS Honorary Treasurer

The financial year 2022-2023 was a successful one for the Society, and produced a small surplus of £13.2k. This is in part thanks to the healthy delegate attendance at our topical study days and at the BMUS Annual Scientific Meeting, held in December 2022.

After the financial uncertainty of 2020 and 2021, we are pleased that 2022/2023 saw a return to pre-pandemic levels of course attendance and a more business-as-usual approach to meeting our aims and objectives.

This small surplus will be added to our reserves to ensure the continued strength of BMUS. The COVID pandemic illustrated how necessary it is to have a reasonable level of reserves to weather unexpected events, and, as you are all aware, the Society had to rely on the fees paid by members throughout this period as its main source of income. However, this year’s surplus indicates that the Society continues to remain stable and viable.

The return to face-to-face events has not been without its difficulties. The cost-of-living crisis and supply-chain issues have led to increased delivery costs, and it is anticipated that this will continue into the 2023-2024 financial year. As a result, we have had to increase the fees to attend our educational events.

Highlights of the Year

Generated income increased this year and totalled £335.6k. This is a return to normal trading conditions after several years of being affected by the global pandemic. This return is in part thanks to the following aspects:

- Ultrasound 2022, held in Cardiff, kept within budget and covered its costs.
- Membership levels are stable, with a slight decrease in membership, this does, however, tend to fluctuate throughout the year.
- A total of 7 study days were held during the financial year, and again kept within budget and covered their costs.

Thanks must go to all the BMUS volunteers. These volunteers are responsible for the many study days that run throughout the year, including the highly educational and informative Annual Scientific Meeting. Other of our volunteers edit and review Ultrasound, the BMUS quarterly scientific journal, and ensure that the BMUS website is of value to members and kept up-to-date. In addition, our volunteers dedicate many hours to writing and producing all of our professional guidelines. Our sincere appreciation goes to these individuals for giving up their valuable time throughout the year.

We urge you to make your colleagues aware of the benefits of being a BMUS member. Having a strong membership is the key to keeping the Society on a secure financial footing. Looking forward, we have a full programme of events planned for 2024, and welcome everyone to Coventry in December for our 55th Annual Scientific Meeting.

In closing, it is pleasing to state that we again met our core objective of delivering an educational programme, and whilst doing so we also generated a small surplus for the year. We would like to thank Joy Whyte, our Financial Officer, for her assistance in monitoring and maintaining BMUS finances, and the BMUS administration team for all their hard work and planning over the last year.

Welcome to our New BMUS Travelling Ambassadors

BMUS council are proud to announce the appointment of our two Travelling Ambassadors, Amy Barnes and Amanda Parry.

For one year, Amy and Amanda will each visit centres around the country, highlighting ultrasound and BMUS and promoting best practice and training in specialist ultrasound topics. They will also run similar teaching sessions at Ultrasound 2024 in December 2024.

Amy Barnes works as a consultant radiographer at the University Hospitals of Leicester NHS Trust. Amy has 17 years’ experience in medical ultrasound, and has spent the last nine years specialising in head & neck imaging, where she reports on complex pathology and independently performs fine needle aspiration and core biopsy. Her role involves audit, service improvement and research locally and nationally.

Amy regularly presents locally and nationally and participated as a speaker at Radiopaedia 2022. She is an associate lecturer at the University of Derby, where she has helped develop and deliver an accredited post-graduate course in head and neck ultrasound for sonographers. She is a guest lecturer in Medical Ultrasound Education for King’s College London. Amy is also an RCR iRefer BSHI panel member and contributes to peer review for Radiography Journal.

Amanda Parry is Clinical Lead Sonographer – Training and Development at University Hospitals of Leicester NHS Trust. She has over 20 years’ experience of working in the private and public sectors both here in the UK and in Australia, where she trained as a sonographer. She has performed all aspects of ultrasound scanning, but MSK ultrasound has always been her specialist interest.

Amanda currently works at the University Hospitals of Leicester NHS Trust helping to teach and inspire the next generation of sonographers. Amanda has a high MSK workload from various sources and works closely as an MSK MDT to help create positive change within the department to aid patient care.

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I am pleased to report that 2023 was another positive year for BMUS, which continues to succeed in delivering its core charitable aims and objectives in the advancement of science and education relating to medical ultrasound and setting standards for ultrasound practice.

Membership
As of the end of 2023, BMUS membership stood at 1,745 members, an increase of 94 from 2022.

Science and Education
The Science and Education Group is now formed of four sub-groups – Editorial, Physics & Safety, Professional Standards and Education. We now have a number of clinical interest groups: PoCUS, Obstetrics, MSK and Paediatrics.

Annual Scientific Meeting
The 54th Annual Scientific Meeting (Ultrasound 2023) proved to be a success, attracting more than 550 registrants for its mix of educational lectures and practical workshops, the scientific poster session and large industry exhibition. The next Annual Scientific Meeting will take place on 10th–12th December 2024 at Coventry Building Society Arena.

Study Days/Webinars
In 2023, BMUS held a full programme of face-to-face study days. We successfully ran nine study days, with a total of 593 delegates attending. Our 2024 educational programme has already been published, with seven study days set and a couple more to be planned.

During the year, BMUS replaced the webinar programme with a number of bite-sized podcasts on PoCUS. We produced nine episodes with 259 listeners.

In 2023, BMUS launched its new Travelling Ambassador programme, and has appointed two ambassadors, Amy Barnes and Amanda Parry, to represent BMUS during 2024. In their new roles, Amy and Amanda will each visit centres around the country, highlighting ultrasound and BMUS and promoting best practice and training in specialist ultrasound topics.

Professional Standards
Last summer BMUS launched the Preceptorship Endorsement Scheme to recognise departments that are able to offer a supportive environment for ultrasound practitioners of all grades and experience. It aligns with principles set out in the BMUS Preceptorship and Capability Framework for Sonographers.

During 2023, a number of guidelines/position statements were published: Recommendations for Specialists Practising Ultrasound Independently of Radiology Departments: Safety, Governance and Education; Guidelines for the Administration of Ultrasound Guided Musculoskeletal Injections; Guidelines for Professional Diagnostic Ultrasound Practice in Medical Aesthetics. All position statements and guidelines are available on the BMUS website.

The BMUS scientific journal, Ultrasound
Ultrasound is a quarterly peer-reviewed scientific journal published by SAGE Publications, and is received by all BMUS members.

Mr Colin Griffin, Editor in Chief of Ultrasound, is pleased to report that 2023 saw a good number of submissions. The Journal has earned an impressive Impact Factor of 0.8 from the 2022 issues (Impact Factors measure the importance of a journal by calculating the number of times its articles are cited within the last few years). This is predicted by the publisher to increase in coming years.

In Paris on 7 December, 2023, in the presence of the Deputy Mayor of Paris and senior representatives of the IEEE, an IEEE Milestone Plaque was unveiled at the École Supérieure de Physique et de Chimie Industrielle (ESPCI) to commemorate the invention of sonar by the French physicist Paul Langevin. The plaque also recognises the importance of Langevin’s invention in the development of ‘medical echography’. The plaque will be mounted on the external wall of the ESPCI in Rue Vauquelin, and is one of over 200 throughout the world. Another example may be found in Hayes, Middlesex, commemorating the creation of the X-ray CT scanner by Godfrey Hounsfield.

The BMUS scientific journal, Ultrasound

IEEE MILESTONE
Invention of Sonar, 1915-1918
From 1915 to 1918, Paul Langevin demonstrated the feasibility of using piezoelectric quartz crystals to both transmit and receive pulses of ultrasound and thereby detect submerged submarines at depths up to 1,800 metres. The system, later called sonar, validated Constantin Chladni’s proposal to use ultrasound for this purpose. The technology was used successfully during World War I, and led to other applications including depth sounding and medical echography.

December 2023

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BMUS 2024
Study Days

Recruitment & development:
Arming Leaders to Support their Staff
20th March
Birmingham

Gynaecology
26th April
Sheffield

Head & Neck Study Days
15th - 16th May
Milton Keynes

Obstetrics Study Days
7th September
London

Paediatrics Study Days
27th September
Leeds

University College Dublin and BMUS Study Day
19th October
Dublin

For the latest details
scan the QR code: