

ASSOCIATION OF BIOMEDICAL ENGINEERS, MEDICAL ENGINEERS AND BIOENGINEERS

England & Wales · Charity number 1191005

Details

Other names	BIOMEDENG
Status	Registered
Legal form	CIO
Registered	2020-08-24
Register	View on the Charity Commission register

Contact

Address Department Of Bioengineering
Imperial College London
Bessemer Building
London
SW7 2AZ

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Email gifty@biomedeng.org

Website <http://www.biomedeng.org/>

Activities

Objects: TO ADVANCE EDUCATION FOR THE PUBLIC BENEFIT IN BIOMEDICAL ENGINEERING, MEDICAL ENGINEERING, AND BIOENGINEERING IN PARTICULAR BUT NOT EXCLUSIVELY BY:A) ORGANISING AND HOLDING SCIENTIFIC MEETINGS AND CONFERENCES; ANDB) PROMOTING THE STUDY AND PRACTICE OF BIOMEDICAL ENGINEERING, MEDICAL ENGINEERING AND BIOENGINEERING.

Activities: To advance education for the public benefit in biomedical engineering, medical engineering, and bioengineering, in particular but not exclusively by:(a) organising and holding scientific meetings and conferences; and(b) promoting the study and practice of biomedical engineering, medical engineering and bioengineering

Classification

- **How:** Makes Grants To Individuals, Makes Grants To Organisations, Provides Advocacy/advice/information, Sponsors Or Undertakes Research, Acts As An Umbrella Or Resource Body
- **What:** Education/training, The Advancement Of Health Or Saving Of Lives
- **Who:** Other Defined Groups, The General Public/mankind

Geography

- Northern Ireland
- Scotland
- Throughout England And Wales

Finances

Period end	Income	Expenditure	Assets	Employees
2024-12-31	£110,065	£64,203	-	-
2023-12-31	£73,412	£77,665	-	-
2022-12-31	£84,688	£2,783	-	-
2021-12-31	£13,376	£1,423	-	-

Trustees

Name	Role	Appointed
Professor Anthony M J Bull	Chair	2019-08-21
Professor Alicia El Haj		2019-08-22
Professor Hazel RC Screen		2019-08-29
Professor Vanessa Diaz		2023-10-13

Accounts



Trustees' Annual Report for the period						
From	Period start date			To	Period end date	
	01	01	2024		31	12

Section A Reference and administration details

Charity name ASSOCIATION OF BIOMEDICAL ENGINEERS, MEDICAL ENGINEERS, AND BIOENGINEERS

Other names charity is known by BioMedEng Association

Registered charity number (if any) 1191005

Charity's principal address Department of Bioengineering, Imperial College London, Bessemer Building, London

Postcode SW7 2AZ

Names of the charity trustees who manage the charity

	Trustee name	Office (if any)	Dates acted if not for whole year	Name of person (or body) entitled to appoint trustee (if any)
1	Prof Alicia El Haj	University of Birmingham		
2	Prof Anthony Bull	Imperial College London		
4	Prof Hazel Screen	Queen Mary University of London		
5	Prof Vanessa Diaz	University College London		
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				

Names of the trustees for the charity, if any, (for example, any custodian trustees)

Name	Dates acted if not for whole year

Names and addresses of advisers (Optional information)

Type of adviser	Name	Address

Name of chief executive or names of senior staff members

Dr Gifty Tetteh – Head of Operations

Section B Structure, governance and management

Description of the charity’s trusts

Type of governing document (eg. trust deed, constitution)	Charitable Incorporated Organisation Constitution
How the charity is constituted (eg. trust, association, company)	Association Model Constitution
Trustee selection methods (eg. appointed by, elected by)	Charity trustees are appointed by a resolution of the members at the annual general meeting. Co-opted Trustees can also be appointed at any time by current trustees.

Additional governance issues (Optional information)

<p>You may choose to include additional information, where relevant, about:</p> <ul style="list-style-type: none"> • policies and procedures adopted for the induction and training of trustees; • the charity’s organisational structure and any wider network with which the charity works; • relationship with any related parties; • trustees’ consideration of major risks and the system and procedures to manage them. 	<p>The BioMedEng Association Trustees’ Board for the 2024 reporting period comprised of the four Trustees (Profs Alicia El Haj, Anthony Bull, Hazel Screen and Vanessa Diaz), the current Chair of Council (Prof Martin Knight, who will become a Co-opted Trustee at the end of the current Chair of Council role in 2025) and the Head of Operations (Dr Gifty Tetteh).</p> <p>Similar to the 2023 report, the Trustees’ Board is supported by the formal members of the Association, including the Chairs of the Working Groups (Education, Equality, Diversity and Inclusion, Early Career Researchers, Industry and Sponsorship, and Communications and Website) and the BioMedEng Council.</p> <p>In addition to the formal members, the Association has established a wider affiliate membership provision. As detailed in our previous reports, the affiliate memberships are open to practising engineers, clinicians, students, and anyone who is interested in Biomedical Engineering, Medical Engineering and Bioengineering.</p> <p>We welcome applications from UK and International members from Industry, Academic Institutions and Research Centres, Clinical Establishments and Hospitals, Governmental and Non-Governmental Organisations, amongst others.</p>
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Summary of the objects of the charity set out in its governing document

Our charitable objects remain unchanged. The BioMedEng Association aims to advance education for the public benefit in biomedical engineering, medical engineering, and bioengineering, in particular but not exclusively by:

1. organising and holding scientific meetings and conferences;
2. and promoting the study and practice of biomedical engineering, medical engineering and bioengineering.

The Association is a professional body for engineers, clinicians, researchers, and students working within Biomedical Engineering, Medical Engineering and Bioengineering disciplines.

BioMedEng24 Conference – The 2024 annual conference of the Association, BioMedEng24, took place on 5th – 6th September at the Mile End Campus of Queen Mary, University of London (QMUL).

The conference was hosted by Profs. Zion Tse (BioMedEng24 Chair), Hazel Screen, Martin Knight, Julia Shelton, Thomas Iskratsch, Julien Gautrot, and Dr. Azadeh Rezaei from the QMUL School of Engineering and Materials Science.

The conference was opened by Prof. Andrew Livingston, the Vice-Principal of Research at QMUL. The packed BioMedEng24 programme included a plenary talk, and a newly introduced plenary debate session with 6 speakers, which was moderated by Prof Martin Knight from QMUL.

The BioMedEng24 plenary talk on “*New Bioengineered Materials for Advanced Therapeutics and Ultrasensitive Biosensing*” was delivered by Prof. Dame Molly Stevens from the University of Oxford.

Summary of the main activities undertaken for the public benefit in relation to these objects (include within this section the statutory declaration that trustees have had regard to the guidance issued by the Charity Commission on public benefit)



Plenary Speaker

Prof. Dame Molly Stevens
University of Oxford
New Bioengineered Materials for Advanced Therapeutics and Ultrasensitive Biosensing



Dinner Speaker

Prof. Karen Salt
UK Research and Innovation (UKRI)
UKRI Trusted Research and Innovation Portfolio Director

The plenary debate speakers included:

- Prof. Anne Vanhoostenberghe and Dr Anna Barnes from King's College London,
- Prof Matthew Dalby from Glasgow University,
- Ms Jane John-Lewis from Intuitive Medical,
- Prof Alvaro Mata from the University of Nottingham and
- Prof Hazel Screen from QMUL.



With over 400 abstract submissions to BioMedEng24, the conference programme included four (4) parallel keynote sessions which featured 26 keynote speakers, 1 dinner speaker (Prof. Karen Salt from UKRI), around 100 oral presentations, 300 posters, and 3 workshops (ECR, Women & Child Health Symposium, and Ansys Workshops). In addition to these, the conference hosted the BioMedEng Association AGM and the BioMedEng Council Meeting.



BioMedEng24 was supported by three (3) Gold Sponsors, four (4) Silver Sponsors, and eight (8) Bronze Sponsors. Also, the RSPCA and Animal Free Research kindly sponsored a £1,000 award for the best presentation in support of animal replacement.



The conference was held in QMUL Mile End Campus, with the main sessions held in the Great Hall, People Palace, Engineering Building, Queen's Building, Graduate Centre, and Geography Building. This arrangement allowed for optimal space allocation for the keynote, oral, and poster presentations whilst ensuring enough space for lunch and networking.



With 170 dinner tickets sold, the dinner reception was well-received with an inspiring talk from Prof. Karen Salt from the UKRI, as the after-dinner speaker. The newly formed BioMedEng Band, made up of BioMedEng Association members delivered a spectacular performance, finishing the conference dinner on a high note.



In total, BioMedEng24 welcomed over 430 attendees from 51 universities over Europe and various industrial organisations.

To ensure continuity between the BioMedEng conferences, Dr Gifty Tetteh, Head of Operations of the Association, met with the BioMedEng24 Chair on a monthly basis to address the team's concerns, assist with newsletter communications, and abstract submission, delegate registrations, payment enquiries, website and conference administration, amongst others.

They also met post conference to finalise the accounts and gather feedback and constructive suggestions for improving future conferences, whilst arranging for funds to be transferred in line with the proceeds split arrangements.

More information about the BioMedEng24 conference is available at <https://biomedeng.org/biomedeng24>

Additional details of objectives and activities (Optional information)

You **may choose** to include further statements, where relevant, about:

- policy on grantmaking;
- policy programme related investment;
- contribution made by volunteers.

Summary of the main achievements of the charity during the year

4th BioMedEng AGM – The 2024 AGM of the BioMedEng Association took place at the BioMedEng24 Conference on 5th - 6th September 2024 in the Great Hall at QMUL.

This year's AGM was divided into two parts, the first part of the AGM (AGM A) held on 5th Sept 2024 focussed on presentations from the Working Group Chairs and the second part of the AGM (AGM B), held on 6th Sept 2024, was dedicated to operational updates from the Association. There were no elections at this year's AGMs.

Like previous years, the AGMs provided an opportunity for both formal and affiliate BioMedEng members to review activities of the Association, propose initiatives, and discuss important updates about the charity.

AGM A

The first part of the AGM was chaired by Prof Martin Knight, leader of the Working Group Chairs and Chair of Council for the BioMedEng Association. Updates from the Working Group Chairs are summarised below:

Early Career Researchers Working Group: Currently chaired by Dr Rosti Readioff from the University of Liverpool, the ECR Working Group currently has 23 serving members who contribute to at least one of its three committees: communications, training and events, and mentoring committees. The working group has been meeting bi-monthly to track activities and plan for future directions.

The communications committee of the ECR Working Group has been engaging with the ECR members of the Association through newsletters and social media content. Four newsletters were sent out to the ECR members, and a new dedicated ECR webpage:

(www.biomedeng.org/ecr/) has been set up and promoted.

The training and events committee for the ECR Working Group organised a panel discussion on ECR career paths during the BioMedEng24 conference at QMUL. The panel comprised individuals from startups, industry, and academia who shared their perspectives with ECR members of the Association. The committee is currently engaging with the Industry Working Group to develop training events between conferences with industry sponsors to extend the member's support throughout the year.

The mentoring committee ran a mentoring scheme, manually pairing 21 mentor-mentees. The feedback on the first round of the mentoring scheme (January 2024 - October 2024) has been very positive, with some mentees requesting the freedom to select mentors. Due to a predicted increase in both the number of mentors and mentees and based on the mentees' feedback, an automated system was needed.

The Association has therefore invested in developing a new webpage for the mentoring scheme within the dedicated ECR website. The new webpage for the mentoring scheme is currently under testing, and it is expected to be released to the BioMedEng members in January 2025.

The plan for next year is to continue building on our existing activities and focus on increasing engagement and communication to provide tailored support to the Association's ECR members.

Industry Working Group: Chaired by Prof Mehran Moazen from University College London, the Industry WG priorities are to expand our sponsors/interaction with industry; plan future activities and ensure continuity of WG meetings and expand its membership.

Considering these priorities, the main headlines for 2023-24 were:

1. to organised and run an online event on 14th June 2024 bringing together several industries and wider stakeholders to discuss industry-academia interactions, it is barriers, potential opportunities. Several interactions/activities were then started based on that event and work is ongoing to organise a similar event in 2025 that itself seems to be valuable for the BioMedEng community.
2. membership of the WG has grown with additional academic and industry members having joined the WG, enriching its discussion and interactions not only within the WG but also in terms of interacting with other WG i.e. Early Career and Education and supporting local organisers.

Education Working Group: Chaired by Dr Anita Ghag from the University of Birmingham, the Education Working Group made good progress in 2024. They added a new member to the group, Manuela Trejo from Loughborough University and focussed on working on two main initiatives:

1. Lesson in a box type of activity which could be widely disseminated across secondary schools to increase awareness of biomedical engineering. They are currently finalising the activities to select the most engaging and resource appropriate ones.
2. EDI in education webinar in conjunction with the EDI working group. The team were working on this and aiming to host an event in spring 2025.

Equality, Diversity and Inclusions Working Group – Chaired by Prof Gwen Reilly from the University of Sheffield, the EDI Working Group has eight core members, with membership drawn from volunteers within the BioMedEng community including senior Council members and early career researchers. The group aims to represent the host cities of our recent conference venues, different regions of the country and underrepresented groups.

The main aims of the EDI working group are to

1. Understand barriers to inclusion within our BioMedEng society and related engineering fields.
2. Increase visibility, representation and progression of underrepresented groups in the BioMedEng community (collaboration with ECR team).
3. Support Biomedical Engineering research that is more inclusive in terms of both the end users needs and contributors to the design (collaboration with industry team)

At the BioMedEng24 conference, the EDI Working Group hosted a parallel session titled 'Inclusive engineering and technology' to facilitate a discussion of EDI amongst BioMedEng members and showcase a diversity of biomedical engineering research.

The chair also held a discussion about EDI issues and asked the members to comment on what they felt were the main barriers to creating a truly equal and diverse biomedical engineering programme. The most common responses related to funding, including the difficulty of funding

conference attendance and overall inequities in research funding. The second most frequent response concerned childcare and other commitments that prevents travel and working away. This discussion was followed by a variety of talks on 'enabling' technologies such as restoration of eye function, turban wearing and its risks/benefits during a bicycle accident, and melanin effects in oximetry measurements. There was also a presentation about an initiative at Herriot Watt University funded by the Royal Academy of Edinburgh to roll out some recommendations on inclusive design in biomechanics research projects.

The EDI Working Group's focus for 2025 is soliciting and identifying abstracts which demonstrate an inclusive engineering approach, at the BioMedEng25 conference. They are also planning to award a prize for the abstract that demonstrates inclusivity and diversity in the work presented. Also, they plan to facilitate training on how to embed inclusivity into the study design when writing grant proposals. This will be particularly important to early career researchers in the BioMedEng Association.

AGM B

The second part of the AGM was chaired by Prof Anthony Bull, Chair of Trustees of the BioMedEng Association.

Similar to last year's arrangement, the Association held a separate Council meeting prior to the 4th AGM, to review the action items from the 3rd AGM and discuss key strategic Association initiatives prior to the 4th AGM.

Trustee Elections: The Chair reminded members that there will be no Trustee elections in this AGM, as the board has decided to wait and appoint a new Chair of Council when the current Chair of Council becomes a Trustee in January 2026, before holding further Trustee elections, to allow members to stand for either Chair of Council or Trustee positions, if interested.

2024 BioMedEng Special Awards - The 2024 Innovation Award was presented to Prof Yan Yan Shery Huang from the University of Cambridge, whilst the 2024 Legacy Award was presented to Prof David Firmin from Imperial College London. Both presentations were made at the BioMedEng24 conference dinner.

Like previous years, the **BioMedEng Legacy Prize** was awarded to a UK Bioengineer/ Biomedical Engineer/ Medical Engineer whose career-long research and mentoring has contributed immensely to inspiring and training the next generation of academics, researchers, and students in the discipline.

Similarly, the **BioMedEng Innovation Prize** was awarded to a UK Bioengineer/ Biomedical Engineer /Medical Engineer whose imaginative and ground-breaking work has opened up new fields in the discipline and/or led to new technologies that support medical interventions.

Operational Update - Dr Gifty Tetteh, presented the Association's operational update for 2023 at the Association's 4th AGM. This focussed on the Charity Objects, Committee Changes, Membership Updates, Finance and Sustainability, and a reminder of the nomination process for the BioMedEng Special Awards.

As previously mentioned, the Association's charitable objects remain

unchanged.

Committee Changes: Another round of Council elections was held in February 2024 as seven Council positions expired in December 2023. One of these members decided not to stand for re-election, three stood for re-election and another has moved abroad.

The BioMedEng25 Chair - Dr Philip Riches, was invited to join Council and elections were held for new nominees and previous candidates in February 2024. In total, eight members joined to serve Council on a three-year term until December 2026, including Prof Ashraf Khir - Durham University, Dr Asimina (Melina) Kazakidi - Uni. of Strathclyde, Prof Yalin Zheng - Uni. of Liverpool, Dr Daniel Abasolo - University of Surrey, Prof Perumal Nithiarasu - Swansea University, Prof Amy Zavatsky - University of Oxford, Prof Sotiris Korossis - Loughborough Uni and Dr Philip Riches - University of Strathclyde.

Membership Growth: There has been an increase of over 350 membership applications to the Association since the 2023 report. The membership update at the 2nd AGM in 2022, showed an increase from 490 applications from 64 institutions in Sept 2021, to 734 applications from 96 institutions in Sept 2022. Whilst the 2023 report outlined the details of 1,055 application from 131 Institutions.

The membership breakdown at the 4th AGM detailed 1,406 applications from 171 Institutions, with 761 paid memberships, comprising of 407 Full Members, 352 PhD and MRes Students and 2 Retired/Emeritus. The remaining 645 free memberships were for UG and MSc memberships.

Like previous years, GT highlighted key institutions with more than 10 BioMedEng members and those that have made significant gains over the 2023 – 2024 report period. A list of the 2023 and 2024 BioMedEng membership breakdown by institutions are included below.

Membership Breakdown - Institutions with 10+ members

Imperial College London	190
The University of Sheffield	105
University College London	95
University of Strathclyde	64
QMUL	31
University of Southampton	26
City London of University	22
Swansea University	22
University of Bradford	20
University of Surrey	19
Manchester Metropolitan University	18
University of Cambridge	16
Aston University	15
University of Liverpool	15
University of East London	14
University of Birmingham	12
Kings College London	10
University of Leeds	10

2023

Imperial College London	232
The University of Sheffield	133
University College London	129
University of Strathclyde	87
QMUL	85
University of Southampton	36
City University of London	25
Swansea University	24
Aston University	23
University of Cambridge	22
University of Bradford	21
University of Liverpool	21
Kings College London	20
University of Surrey	19
Manchester Metropolitan University	18
University of East London	17
University of Birmingham	15
University of Leeds	13
University of Oxford	13
Loughborough University	12
Newcastle University	11
University of Glasgow	11
University of Manchester	11
University of Nottingham	10

2024

Affiliate Memberships – The Association membership rates remain unchanged. The membership rates for the 2024 reporting year were £50/year for Full members, £20/year* for Research Student Members (PhD, MPhil and MRes), £75 for 5 years for Retired/Emeritus Members, and free annual memberships to verified undergraduate and MSc students.

As detailed in our previous reports, the Association's membership is open to practising engineers, clinicians, students, and anyone who is interested in Biomedical Engineering, Medical Engineering and Bioengineering. We welcome applications from UK and International members from Industry, Academic Institutions and Research Centres, Clinical Establishments and Hospitals, Governmental and Non-Governmental Organisations, amongst others.

Finance and Sustainability: GT also discussed the details of the 2023 Independently Examined Accounts at the 4th AGM. This showed an income and expenditure of £73,412 and £ 77,665, respectively.

The high expenditure for the 2023 reporting period resulted from the delayed payments of the UCL conference expenses at £57,387.05 and host institution contributions for 2021 at £5,952.00 and 2022 at £10,000.00, which were paid out and captured in the 2023 reports.

With a 2022 balance B/F of £93,858.01, the 2023 B/F was £ 89,605.15 with liabilities of £59,508.85, comprising of the Swansea-BioMedEng23 conference payments at £40,908.85, BioMedEng23 Best Poster, talk etc conference award payments at £600, and the 2023 Host Institution Contribution at £18k.

This will leave the Association with an overall balance of £30,096.3 for 2023, (£20,518.96 for 2022) after the 2023 liabilities have been paid out.

Brief statement of the charity's policy on reserves

The BioMedEng23 conference at Swansea had a total income and expenditure of £101,586.61 and £64,608.85, respectively. This left a surplus of £36,977.76, which was generously shared with the Association.

The organisers at Swansea University kept £10,000 of the conference proceeds and donated £26,977.76 to the Association.

The Trustees acknowledged the significant contribution from Swansea and thanked the Conference Co-Chairs and team, for their generous donation to the Association.

The actual closing balances, after all liabilities have been paid for the 2021, 2022 and 2023 financial years were £11,952, £20,518.96, and £30,096.3, respectively.

The 2024 accounts have been independently examined with a copy attached to this report.

As of 31 December 2024, the closing balance for the Association stood at £135,468.23. However, at this time, the Association has received most of the conference income and QMUL incurred most of the expense. This is to be reconciled early in 2025, but initial figures indicate that there is an overall conference profit of around £47,289.17 and QMUL will generously donate 75% of this to the Association.

Please see the attached independently examined accounts for further details on the Association's financial position.

Details of any funds materially in deficit

No funds are in deficit

Further financial review details (Optional information)

You **may choose** to include additional information, where relevant about:

- the charity's principal sources of funds (including any fundraising);
- how expenditure has supported the key objectives of the charity;
- investment policy and objectives including any ethical investment policy adopted.

As detailed in the independently examined 2024 accounts attached, the Association's core income is generated from membership dues and proceeds from hosting dedicated events and the annual conference.

Section F Other optional information

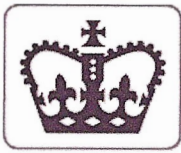
Section G Declaration

The trustees declare that they have approved the trustees' report above.

Signed on behalf of the charity's trustees

Signature(s)	<i>GAJTetteh</i>	
Full name(s)	Dr Gifty Tetteh	
Position (eg Secretary, Chair, etc)	Head of Operations	

Date 31.12.24



Section A

Independent Examiner's Report

**Report to the trustees/
members of**

**ASSOCIATION OF BIOMEDICAL ENGINEERS, MEDICAL ENGINEERS
AND BIOENGINEERS**

**On accounts for the year
ended**

31/12/2024

**Charity no
(if any)**

1191005

Set out on pages

4 - 6

Remember to include the page numbers of additional sheets!

I report to the trustees on my examination of the accounts of the above charity ("the Trust") for the year ended .

**Responsibilities and
basis of report**

As the charity trustees of the Trust, you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ("the Act").

I report in respect of my examination of the Trust's accounts carried out under section 145 of the 2011 Act and in carrying out my examination, I have followed the applicable Directions given by the Charity Commission under section 145(5)(b) of the Act.

**Independent
examiner's statement**

I have completed my examination. I confirm that no material matters have come to my attention (other than that disclosed below *) in connection with the examination which gives me cause to believe that in, any material respect:

- accounting records were not kept in accordance with section 130 of the Act or
- the accounts do not accord with the accounting records

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in order to enable a proper understanding of the accounts to be reached.

** Please delete the words in the brackets if they do not apply.*

Signed:

Date: 28/07/2025

Name:

Charles Osei, BSc (Hons), MSc, FCIE, AFA, ATA, MCIPP

**Relevant professional
qualification(s) or body
(if any):**

Association of Charity Independence Examiners

Address:

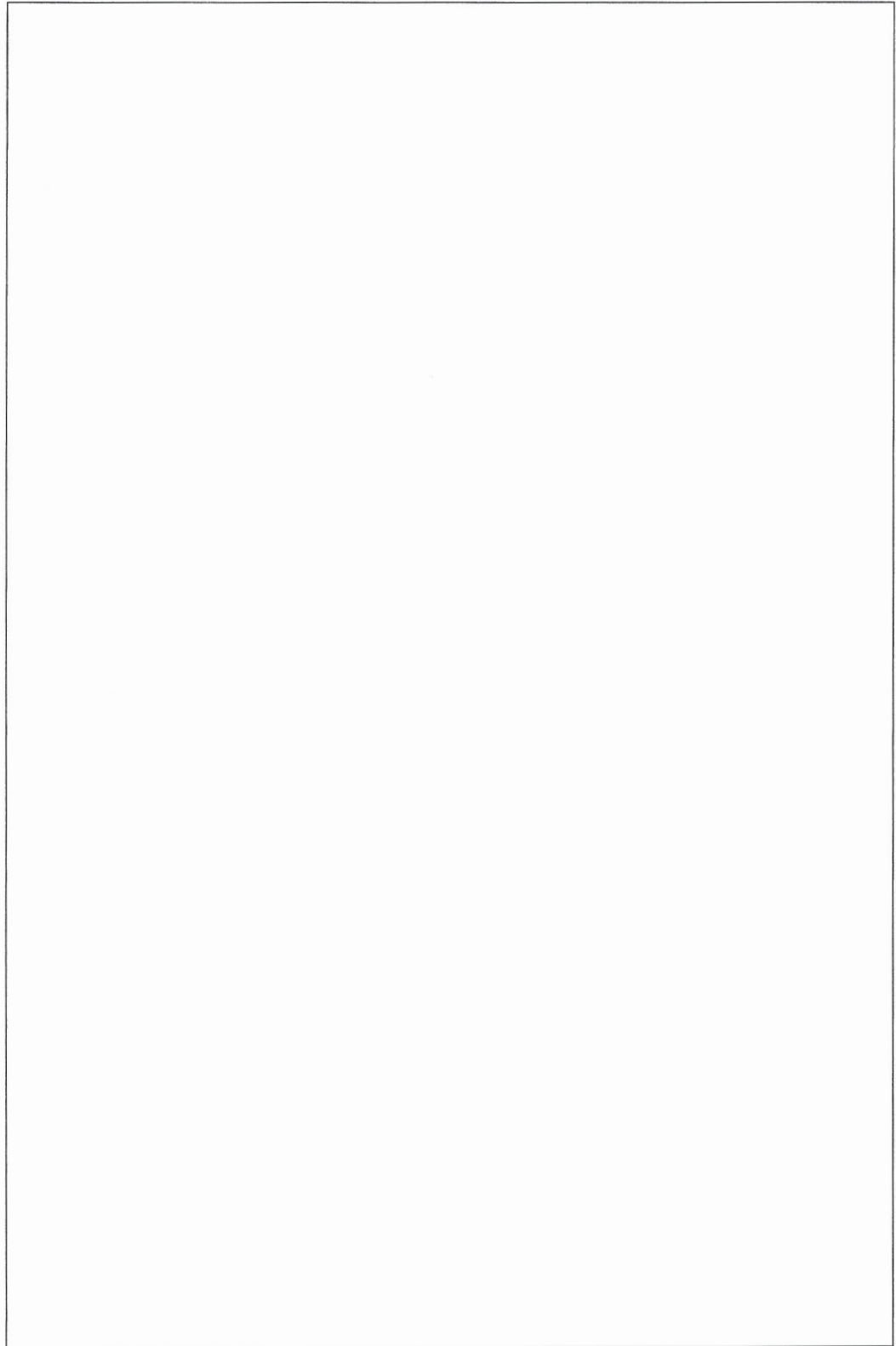
Flat 3, 11 Rochdale Way

Deptford

London SE8 4LY

Only complete if the examiner needs to highlight matters of concern (see CC32, Independent examination of charity accounts: directions and guidance for examiners).

Give here brief details of any items that the examiner wishes to disclose.





Charity Name

No (if any)

**ASSOCIATION OF BIOMEDICAL ENGINEERS,
MEDICAL ENGINEERS AND BIOENGINEERS**

1191005

CC16a

Receipts and payments accounts

For the period from	Period start date	To	Period end date
	01/01/2024		31/12/2024

Section A Receipts and payments

	Unrestricted funds	Restricted funds	Endowment funds	Total funds	Last year
	to the nearest £	to the nearest £	to the nearest £	to the nearest £	to the nearest £
A1 Receipts					
Members' subscriptions	9,450	-	-	9,450	5,330
Industry Event	-	-	-	-	-
Conference Fees	100,615	-	-	100,615	68,075
Sheffield Conference Fees	-	-	-	-	-
Other	-	-	-	-	7
Sub total (Gross income for AR)	110,065	-	-	110,065	73,412
A2 Asset and investment sales, (see table).					
	-	-	-	-	-
	-	-	-	-	-
Sub total	-	-	-	-	-
Total receipts	110,065	-	-	110,065	73,412
A3 Payments					
Refunds	867	-	-	867	539
Processing Fees	1,820	-	-	1,820	1,167
BioMedEng24 Expenses	92	-	-	92	-
Website Expenses - ECR Membership	1,520	-	-	1,520	1,481
Video Hosting	83	-	-	83	83
BioMedEng22 Conference Chairs Gifts	-	-	-	-	91
BioMedEng23 Costs and Charges-Swansea Uni	40,909	-	-	40,909	-
BioMedEng23 Conference Awards	400	-	-	400	-
BioMedEng22 Costs and Charges - UCL	-	-	-	-	57,387
2023 Host Institution Contribution-Imperial	18,000	-	-	18,000	10,000
2021 Host Institution Contribution-Imperial	-	-	-	-	5,952
Operational - Accommodation and Internet	-	-	-	-	311
Independent Examination	350	-	-	350	300
BioMedEng23 Special Awards	162	-	-	162	156
Operational - Travel	-	-	-	-	102
Operational - Condolences	-	-	-	-	77
Stationary and Posting	-	-	-	-	19
Sub total	64,203	-	-	64,203	77,665
A4 Asset and investment purchases, (see table)					
	-	-	-	-	-
	-	-	-	-	-
Sub total	-	-	-	-	-
Total payments	64,203	-	-	64,203	77,665
Net of receipts/(payments)	45,862	-	-	45,862	- 4,253
A5 Transfers between funds					
A6 Cash funds last year end	89,604	-	-	89,604	93,857
Cash funds this year end	135,466	-	-	135,466	27/07/2025 89,604

Section B Statement of assets and liabilities at the end of the period

Categories	Details	Unrestricted funds to nearest £	Restricted funds to nearest £	Endowment funds to nearest £
B1 Cash funds	Closing Balance - Unrestricted Funds	135,466	-	-
	Closing Balance - Restricted Funds	-	-	-
		-	-	-
	Total cash funds	135,466	-	-

(agree balances with receipts and payments account(s))


Categories	Details	Unrestricted funds to nearest £	Restricted funds to nearest £	Endowment funds to nearest £
B2 Other monetary assets			-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-

Categories	Details	Fund to which asset belongs	Cost (optional)	Current value (optional)
B3 Investment assets			-	-
			-	-
			-	-
			-	-
			-	-

Categories	Details	Fund to which asset belongs	Cost (optional)	Current value (optional)
B4 Assets retained for the charity's own use			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-

Categories	Details	Fund to which liability relates	Amount due (optional)	When due (optional)
B5 Liabilities		-	-	
			-	
			-	
			-	
			-	

Signed by one or two trustees on behalf of all the trustees

Signature	Print Name	Date of approval
	Professor Hazel Screen	25/07/25

**ASSOCIATION OF BIOMEDICAL ENGINEERS,
MEDICAL ENGINEERS AND BIOENGINEERS**

Registered Charity No.

1191005

**FINANCIAL ACCOUNTS
FOR THE YEAR ENDED 31 DECEMBER 2024**

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**ASSOCIATION OF BIOMEDICAL ENGINEERS,
MEDICAL ENGINEERS AND BIOENGINEERS**

Registered Charity No.

1191005

ORGANISATIONAL PROFILE
FOR THE YEAR ENDED 31 DECEMBER 2024

TRUSTEES

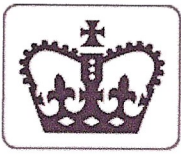
Prof Alicia El Haj
Prof Anthony Bull
Prof Hazel Screen

REGISTERED OFFICE:

The BioMedEng Association
Department of Bioengineering
Imperial College London
Bessemer Building
London UK
SW7 2AZ

ACCOUNTANTS:

Charles Osei, BSc (Hons), MSc, FCIE, AFA, ATA, MCIPP
Flat 3, 11 Rochdale Way
Deptford
London
SE8 4LY



Section A

Independent Examiner's Report

**Report to the trustees/
members of**

**ASSOCIATION OF BIOMEDICAL ENGINEERS, MEDICAL ENGINEERS
AND BIOENGINEERS**

**On accounts for the year
ended**

31/12/2024

**Charity no
(if any)**

1191005

Set out on pages

4 - 6

Remember to include the page numbers of additional sheets

I report to the trustees on my examination of the accounts of the above charity ("the Trust") for the year ended .

**Responsibilities and
basis of report**

As the charity trustees of the Trust, you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ("the Act").

I report in respect of my examination of the Trust's accounts carried out under section 145 of the 2011 Act and in carrying out my examination, I have followed the applicable Directions given by the Charity Commission under section 145(5)(b) of the Act.

**Independent
examiner's statement**

I have completed my examination. I confirm that no material matters have come to my attention (other than that disclosed below *) in connection with the examination which gives me cause to believe that in, any material respect:

- accounting records were not kept in accordance with section 130 of the Act or
- the accounts do not accord with the accounting records

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in order to enable a proper understanding of the accounts to be reached.

** Please delete the words in the brackets if they do not apply.*

Signed:

Date: 28/07/2025

Name:

Charles Osei, BSc (Hons), MSc, FCIE, AFA, ATA, MCIPP

**Relevant professional
qualification(s) or body
(if any):**

Association of Charity Independence Examiners

Address:

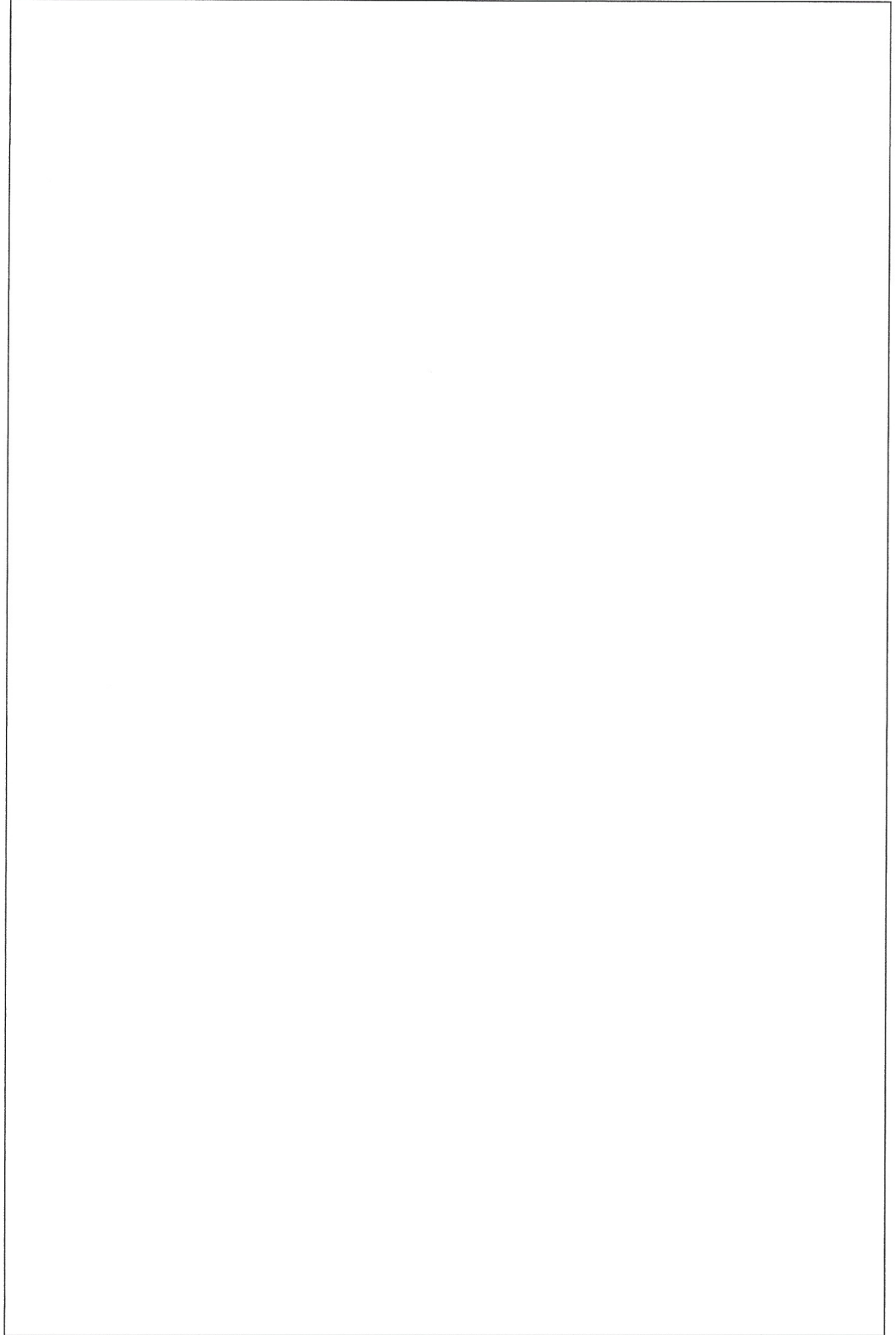
Flat 3, 11 Rochdale Way

Deptford

London SE8 4LY

Only complete if the examiner needs to highlight matters of concern (see CC32, Independent examination of charity accounts: directions and guidance for examiners).

Give here brief details of any items that the examiner wishes to disclose.





Charity Name

No (if any)

**ASSOCIATION OF BIOMEDICAL ENGINEERS,
MEDICAL ENGINEERS AND BIOENGINEERS**

1191005

CC16a

Receipts and payments accounts

For the period from	Period start date	To	Period end date
	01/01/2024		31/12/2024

Section A Receipts and payments

	Unrestricted funds to the nearest £	Restricted funds to the nearest £	Endowment funds to the nearest £	Total funds to the nearest £	Last year to the nearest £
A1 Receipts					
Members' subscriptions	9,450	-	-	9,450	5,330
Industry Event	-	-	-	-	-
Conference Fees	100,615	-	-	100,615	68,075
Sheffield Conference Fees	-	-	-	-	-
Other	-	-	-	-	7
Sub total (Gross income for AR)	110,065	-	-	110,065	73,412
A2 Asset and investment sales, (see table).					
	-	-	-	-	-
	-	-	-	-	-
Sub total	-	-	-	-	-
Total receipts	110,065	-	-	110,065	73,412
A3 Payments					
Refunds	867	-	-	867	539
Processing Fees	1,820	-	-	1,820	1,167
BioMedEng24 Expenses	92	-	-	92	-
Website Expenses - ECR Membership	1,520	-	-	1,520	1,481
Video Hosting	83	-	-	83	83
BioMedEng22 Conference Chairs Gifts	-	-	-	-	91
BioMedEng23 Costs and Charges-Swansea Uni	40,909	-	-	40,909	-
BioMedEng23 Conference Awards	400	-	-	400	-
BioMedEng22 Costs and Charges - UCL	-	-	-	-	57,387
2023 Host Institution Contribution-Imperial	18,000	-	-	18,000	10,000
2021 Host Institution Contribution-Imperial	-	-	-	-	5,952
Operational - Accommodation and Internet	-	-	-	-	311
Independent Examination	350	-	-	350	300
BioMedEng23 Special Awards	162	-	-	162	156
Operational - Travel	-	-	-	-	102
Operational - Condolences	-	-	-	-	77
Stationary and Posting	-	-	-	-	19
Sub total	64,203	-	-	64,203	77,665
A4 Asset and investment purchases, (see table)					
	-	-	-	-	-
	-	-	-	-	-
Sub total	-	-	-	-	-
Total payments	64,203	-	-	64,203	77,665
Net of receipts/(payments)	45,862	-	-	45,862	- 4,253
A5 Transfers between funds					
A6 Cash funds last year end	89,604	-	-	89,604	93,857
Cash funds this year end	135,466	-	-	135,466	27/07/2025 89,604

Section B Statement of assets and liabilities at the end of the period

Categories	Details	Unrestricted funds to nearest £	Restricted funds to nearest £	Endowment funds to nearest £
B1 Cash funds	Closing Balance - Unrestricted Funds	135,466	-	-
	Closing Balance - Restricted Funds	-	-	-
		-	-	-
	Total cash funds	135,466	-	-

(agree balances with receipts and payments account(s))


Categories	Details	Unrestricted funds to nearest £	Restricted funds to nearest £	Endowment funds to nearest £
B2 Other monetary assets			-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-

Categories	Details	Fund to which asset belongs	Cost (optional)	Current value (optional)
B3 Investment assets			-	-
			-	-
			-	-
			-	-
			-	-

Categories	Details	Fund to which asset belongs	Cost (optional)	Current value (optional)
B4 Assets retained for the charity's own use			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-

Categories	Details	Fund to which liability relates	Amount due (optional)	When due (optional)
B5 Liabilities		-	-	
			-	
			-	
			-	
			-	

Signed by one or two trustees on behalf of all the trustees

Signature	Print Name	Date of approval
	Professor Hazel Screen	25/07/25

Financial Statements for the Year Ended 31st December 2024

Statement of Assets and Liabilities as at 31st December 2024

Monetary Assets	Unrestricted Funds	Unrestricted Designated Funds	Restricted Funds	Totals	
				Year 2023	Year 2022
PAYPAL	£17,715.00			£17,715.00	£1,428.90
BANK ACCOUNT	£117,753.00			£117,753.00	£88,176.25
Total	£135,468.00	£0.00	£0.00	£135,468.00	£89,605.15

Liabilities

				Totals	
				Year 2023	Year 2022
				£0.00	£0.00
				£0.00	£59,508.85

Approved by the Trustees on 25 July 2025

Signed

Treasurer



Hazel Screen

Accounts



Trustees' Annual Report for the period

From	Period start date			To	Period end date		
	01	01	2023		31	12	2023

Section A Reference and administration details

Charity name ASSOCIATION OF BIOMEDICAL ENGINEERS, MEDICAL ENGINEERS, AND BIOENGINEERS

Other names charity is known by BioMedEng Association

Registered charity number (if any) 1191005

Charity's principal address Department of Bioengineering, Imperial College London, Bessemer Building, London

Postcode SW7 2AZ

Names of the charity trustees who manage the charity

	Trustee name	Office (if any)	Dates acted if not for whole year	Name of person (or body) entitled to appoint trustee (if any)
1	Prof Alicia El Haj	University of Birmingham		
2	Prof Anthony Bull	Imperial College London		
4	Prof Hazel Screen	Queen Mary University of London		
5	Prof Vanessa Diaz	University College London	13.10.23 – 31.12.23	
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				

Names of the trustees for the charity, if any, (for example, any custodian trustees)

Name	Dates acted if not for whole year

Names and addresses of advisers (Optional information)

Type of adviser	Name	Address

Name of chief executive or names of senior staff members

Dr Gifty Tetteh – Head of Operations

Section B Structure, governance and management

Description of the charity's trusts

Type of governing document (eg. trust deed, constitution)	Charitable Incorporated Organisation Constitution
How the charity is constituted (eg. trust, association, company)	Association Model Constitution
Trustee selection methods (eg. appointed by, elected by)	Charity trustees are appointed by a resolution of the members at the annual general meeting. Co-opted Trustees can also be appointed at any time by current trustees.

Additional governance issues (Optional information)

You **may choose** to include additional information, where relevant, about:

- policies and procedures adopted for the induction and training of trustees;
- the charity's organisational structure and any wider network with which the charity works;
- relationship with any related parties;
- trustees' consideration of major risks and the system and procedures to manage them.

The BioMedEng Association Trustees' Board comprises of the four Trustees (Profs Anthony Bull, Alicia El Haj, Hazel Screen and Vanessa Diaz), the current Chair of Council (Prof Martin Knight, who will become a Co-opted Trustee at the end of the current Chair of Council role) and the Head of Operations (Dr Gifty Tetteh).

The Trustees' Board is supported by the formal members of the Association, including the Chairs of the Working Groups (Education, Equality, Diversity and Inclusion, Early Career Researchers, Industry and Sponsorship, and Communications and Website) and the BioMedEng Council.

In addition to the formal members, the Association has established a wider affiliate membership provision. As detailed in our previous reports, the affiliate memberships are open to practising engineers, clinicians, students, and anyone who is interested in Biomedical Engineering, Medical Engineering and Bioengineering.

We welcome applications from UK and International members from Industry, Academic Institutions and Research Centres, Clinical Establishments and Hospitals, Governmental and Non-Governmental Organisations, amongst others.

Summary of the objects of the charity set out in its governing document

To advance education for the public benefit in biomedical engineering, medical engineering, and bioengineering, in particular but not exclusively by:

1. organising and holding scientific meetings and conferences;
2. and promoting the study and practice of biomedical engineering, medical engineering and bioengineering.

Summary of the main activities undertaken for the public benefit in relation to these objects (include within this section the statutory declaration that trustees have had regard to the guidance issued by the Charity Commission on public benefit)

The BioMedEng Association is a professional body for engineers, clinicians, researchers, and students working within Biomedical Engineering, Medical Engineering and Bioengineering disciplines.

BioMedEng23 Conference - The 2023 conference took place on 14-15th September 2023 at the Swansea Arena in the Swansea Marina.

The conference was hosted by Dr Raoul van Loon (Chair) and Dr Hari Arora (Co-Chair) from Swansea University's Biomedical Department on behalf of the BioMedEng Association.

The conference was opened by MP Tonia Antoniazzi and included an exciting programme of 4 plenary sessions, 130 oral presentations over 4 parallel sessions, 100 poster presentations, 7 workshops, an EDI session and an ECR session. In addition, the conference hosted the BioMedEng Association AGM and the BioMedEng Council meeting.

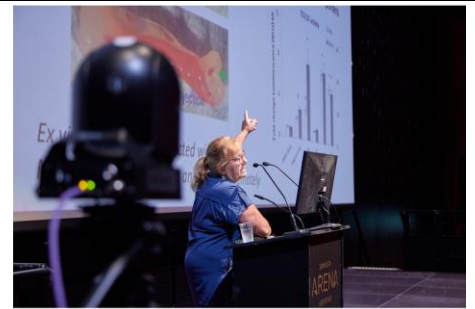
The conference was kindly supported by 3 Platinum Sponsors and 6 Gold Sponsors. The Swansea Arena brought everyone together through the large concourse spaces that integrated the poster sessions with the industrial exhibitors and coffee/lunch breaks.

This ensured optimal networking between the participants, sponsors, and further attendees. Networking was further promoted through the conference dinner with 160 tickets sold. Music band "The Flames" finished the dinner evening in style bringing the community even closer together.

In total BioMedEng23 welcomed 334 attendees from over 45 Universities (8 international) and various industrial and clinical organisations.

The plenary talks were delivered by a diverse range of leading speakers including:

1. Prof Rachel Errington, Cardiff University, Cancer Biology/Microscopy
2. Prof Alicia El Haj, University of Birmingham, Regenerative Medicine
3. Prof Tony Cass, Imperial College London, Biosensors
4. Prof Sarah Stock, University of Edinburgh, Director of In Utero Programme



The conference workshops included technical advances such as image processing, virtual reality and chatGPT, but also covered standards & regulation, clinical user-centred research approaches, and EDI. The workshops ran in parallel with the oral sessions to offer more interactive and hands-on opportunities to the attendees for a wider professional development.

The following workshops were run at the conference:

1. Understanding cell structure and mechanisms through Image Analysis
2. An introduction to Standards in Healthcare
3. Equality Diversity and Inclusion (EDI) Workshop
4. Virtual Reality (VR) – Play and Learn!
5. Rehab Engineering in the NHS: User-centred approach to delivering patient specific solutions
6. Revolutionising Research Methods: ChatGPT and the New Era of Digital Assistants
7. Innovate UK EDGE: Empowering your business innovation to grow and scale.

As with previous conferences, delegate attendance was open to both BioMedEng members and non-members. To increase the Association's membership, registered members were offered a discount on conference registration rates and non-members were encouraged to join the Association to qualify for the members rates. Industrial sponsors were also offered a range of exhibition packages to showcase their products and services to delegates.

There were nine sponsors including Thermofisher Scientific, Corryn Biotechnologies, Ansys UK, ProColl, BSI, LaVision UK, the Biomedical Steering Group, Royal Academy of Engineering and an EPSRC IAA grant.

Platinum



Gold



And supported by:



Engineering and Physical Sciences Research Council



The conference dinner was held at the same venue for about 160 delegates who purchased additional tickets for the dinner. The evening started with a pre-dinner drinks and canapes session. During the dinner the Pro-Vice-Chancellor of Research at Swansea University, Helen Griffiths welcomed delegates to the University and event. The BioMedEng Association also presented the 2023 Innovation Award to Dr Karin Hing at the dinner. There was also a performance by the musical cover band "The Flames" to encourage further community building.



The organizers also hosted a social event on the evening before the conference started in gastro-pub called Chuckaboo in Swansea's city centre. Over 100 attendees joined this event to network and connect with colleagues, register for the conference, and collect their name badges and conference programmes, prior to the start of the conference.



Similar to BioMedEng22, Dr Gifty Tetteh, Head of Operations of the Association, met with the 2023 organizers at regular intervals to support with abstract submission, delegate registrations, website and conference administration, amongst others. They also met after the conference to finalise the accounts, understand the benefits and challenges of the Swansea University-BioMedEng partnership, how arrangements can be improved going forward, and transfer funds from the Association to Swansea in line with the conference expenses and proceeds split arrangements. More information about the BioMedEng23 conference is available at <https://biomedeng.org/biomedeng23>

Additional details of objectives and activities (Optional information)

You **may choose** to include further statements, where relevant, about:

- policy on grantmaking;
- policy programme related investment;
- contribution made by volunteers.

Summary of the main achievements of the charity during the year

3rd BioMedEng AGM – The third AGM of the Association took place at BioMedEng23 on 15th September 2023 from 11:15 - 11:50. The AGM provided an opportunity for both formal and affiliate BioMedEng members to review activities and progress to date, vote for a new Trustee to join the board, propose initiatives, and discuss important updates about the charity, amongst others.

The Chair of Trustees, Prof Anthony Bull, AB, welcomed all to the AGM. Prior to reviewing the minutes and actions from the 2nd AGM, he informed members about the split arrangements for this year's Council and AGM meetings. Compared to last year's combined meeting, the Association held a separate Council meeting prior to the 3rd AGM, to review the action items from the last AGM and discuss key strategic Association initiatives prior to the 3rd AGM.

AB discussed Prof Claudia Mazza's transition from the BioMedEng Trustees Board, and the Board's decision to expand the current number of Trustees by admitting one new Trustee this year and another next year. Elections for the first new Trustee was held in this AGM.

Trustee Elections: AB presented the two trustee nominations which have been approved by Council for the Trustee elections. Prof Perumal Nithiarasu, Associate Dean of Research, Innovation and Impact at Swansea University and Prof Vanessa Diaz, Professor of Healthcare Engineering at University College London, and past chair of the BioMedEng22 conference stood for Trustee elections. Members voted for their preferred candidate by scanning the QR code on the screen to submit their vote. The results were extremely close, but Prof Diaz had the most votes and joined the BioMedEng Trustees' Board in October 2023.

2023 BioMedEng Special Awards - The 2023 Innovation Award was presented to Dr Karin Hing from QMUL at yesterday's conference dinner but Prof Sir Saeed Zahedi, recipient of the 2023 Legacy Prize could not attend the dinner to receive the award. AB presented the award to Prof Sir Saeed Zahedi remotely at the AGM, and he graciously accepted the award and thanked the BioMedEng community.

Similar to previous years, the BioMedEng Legacy Prize was awarded to a UK Bioengineer/ Biomedical Engineer/ Medical Engineer whose career-long research and mentoring has contributed immensely to inspiring and training the next generation of academics, researchers, and students in the discipline.

Similarly, the **BioMedEng Innovation Prize** was awarded to a UK Bioengineer/ Biomedical Engineer /Medical Engineer whose imaginative and ground-breaking work has opened up new fields in the discipline and/or led to new technologies that support medical interventions.

Operational Update - Dr Gifty Tetteh, GT presented the Association's operational update for 2022 at the 3rd AGM. This focussed on the Charity Objects, Committee Changes, Membership Update, Finance and Sustainability, and nominations for the 2024 BioMedEng Special Award. A copy of the presentation has been uploaded to the members area of the Association website.

Committee Changes: Profs David Williams (Loughborough), Declan

Bates (Warwick), Malcolm Granat (Salford), Stephen O'Connor (IPEM) and Terry Gourlay (Strathclyde) completed their tenure as Council members in December 2022.

Profs Alex Casson (Manchester – Website and Comms Working Group Chair), Donal McNally (Nottingham), Rylie Green (Imperial College London) and Zion Tse (QMUL - BioMedEng24 Conference Chair) joined as new Council members for 2023. GT also presented the new nomination criteria for Council members and Trustees to the community. This was used for reviewing nominations for the seven Council positions that expired in December 2023.

Membership Growth: There has been a significant increase in the number of members joining the Association since the 2022 report. The membership update at the 2nd AGM in 2022, showed an increase from 490 applications from 64 institutions in Sept 2021, to 734 applications from 96 institutions in Sept 2022.

As of 13th September 2023, the Association had received 1,055 application forms from 131 Institutions with 529 paid memberships comprising of 301 Full Members, 226 PhD and MRes students, and 2 Retired/Emeritus. The remaining applications were for UG and MSc memberships. GT discussed key institutions with more than 10 BioMedEng members and highlighted those that have made significant gains over the last year. A list of the 2022 and 2023 BioMedEng membership breakdown by institutions are included below.

Membership Breakdown - Institutions with 10+ members

Imperial College London	173
University of Sheffield	95
University College London	77
University of Strathclyde	46
University of Southampton	25
City University of London	21
University of Bradford	19
Manchester Metropolitan University	16
University of Surrey	16
University of Cambridge	15
Swansea Univeristy	13
Queen Mary University of London	12
University of Liverpool	12
University of Birmingham	10
University of Leeds	10

Imperial College London	190
The University of Sheffield	105
University College London	95
University of Strathclyde	64
QMUL	31
University of Southampton	26
City London University	22
Swansea Univeristy	22
University of Bradford	20
University of Surrey	19
Manchester Metropolitan University	18
University of Cambridge	16
Aston University	15
University of Liverpool	15
University of East London	14
University of Birmingham	12
Kings College London	10
University of Leeds	10

2022

2023

Affiliate Memberships – The Association increased its membership rate for Full Members from £30/year to £50/year following a meeting of Council Members in September 2023 where the charity finances were discussed. The membership fee for Research Student Members (PhD, MPil and MRes) remains at £20/year* and there's still free annual memberships to verified undergraduate and MSc students.

As detailed in our previous reports, the Association's membership is open to practising engineers, clinicians, students, and anyone who is interested in Biomedical Engineering, Medical Engineering and Bioengineering. We welcome applications from UK and International members from Industry, Academic Institutions and Research Centres,

Clinical Establishments and Hospitals, Governmental and Non-Governmental Organisations, amongst others.

Finance and sustainability: GT discussed the Association's income (£84,688.62) and expenditure (£ 2,782.82) items for 2022, which resulted in a leftover of £81,905.80, before the UCL conference expenses (£57,387.05) and host institution contributions for 2021 (£5,952.00) and 2022 (£10,000.00) were paid out. With a 2021 balance B/F of £11,952.21, the Association will have an overall balance of £20,518.96, after all the pending expenses have been paid out for 2022. A summary of the 2022 Association finances is captured below.

BioMedEng

2022 Finances
(Pending Expenses Paid)

Income	Amount (£)
2022 Initial Balance	81,905.80
2021 Balance	11,952.21
Total	£ 93,858.01

Additional Expenses – Payment Pending	Amount (£)
2021 Host Institution Invoice	5,952.00
UCL Conference Invoice	57,387.05
2022 Host Institution Invoice	10,000.00
Total	£ 73,339.05

Actual Balance = £ 93,858.01 - £ 73,339.05 = £ 20,518.96

Council update – Prof Martin Knight, MK, provided a brief update on the Working Groups and Council activities at the AGM. He also invited the Working Group Chairs who were attending in person to provide detailed updates. A Website and Communications Working Group has been launched following Prof Alex Casson's acceptance to Chair the group. Also, the Industry Engagement and Sponsorship team are implementing a subscription model for industries to pay a base fee to the Association prior to sponsoring the local conference. Full details of the presentations from the Working Group are captured below.

Working Group Updates -

a. Education – Dr Anita Ghag, AG, presented the Education Working Group update at the AGM. She was currently working with Dr Jennifer Martay from Anglia Ruskin University to deliver activities for the Education Working Group. Some of their planned activities include:

- i. Blog posts highlighting different academic and industrial career paths from members of the community,
- ii. Physical and electronic fliers for schools – targeting careers services
- iii. National cohesive schedule for taster days
- iv. Outreach events at accessible venues including shopping centres, science museums etc

They were looking for more volunteers to join the team, and suggestions for contacts in industry who could be approached for their blog posts, as well as contact details of members of the outreach teams at various institutions.

b. ECR – Dr Silvia Del Din, SDD, presented the ECR Working Group update at the AGM. The team met every other month and comprised of three committees for Newsletter/ Communications (led by Dr Bonci), Training & link with conference (led by Dr El-Bouri) and Mentoring

Network (led by Dr Readioff). There were currently about 20 members in the Working Group comprising of Lecturers, Fellows, Res. Assistants and Associates, PhD and UG students.

The mentoring committee is actively recruiting mentors to join the campaign and shared their sign-up sheet via a QR code at the AGM. The Communications committee has completed a “spotlight” initiative to highlight ECR working group members via the Association’s twitter and LinkedIn platforms, and some of the ECRs engaged with the BioMedEng23 organisers and assisted with reviewing abstracts and chairing sessions.

The Training/ Conference committee organised a welcome session for ECRs to interact and network ahead of the BioMedEng23 conference and hosted a workshop/training session on presentation skills which was delivered by Dr Steve Cross. The team was also planning to deliver a training session on compiling a narrative CV shortly after the conference.

c. EDI – GR presented the EDI Working Group updates at the AGM. She was currently working with Adesola Ademiloye, Aliah Shaheen, Michael Trikić and Stefaan Verbruggen, to deliver a number of workshops in 2023 for the EDI Working Group including:

- i. Can a workshop improve undergraduate bioengineering students' understanding of inclusive engineering? Michael Trikić, University of Sheffield
- ii. Equity in STEM - a spotlight on local ED&I initiatives in teaching and research: Aliah Shaheen, Brunel University London
- iii. Research Funding Barrier for Ethnic Minority Academics in the UK: Perspective and Prospect: Adesola Ademiloye Swansea University
- iv. Embedding EDI in Local Research Cultures: Stefaan Verbruggen, Queen Mary University of London

GR also shared a link for delegates and members to complete the EDI survey to capture their opinions for future initiatives and events, and discussed some highlights from the BioMedEng23 EDI workshop.

BioMedEng24 - To kick start preparations for the BioMedEng24 conference, Prof Zion Tse, ZT shared a short presentation on Queen Mary University of London’s plans for hosting the BioMedEng Conference in 2024. The conference will take place on 5th – 6th September 2024 on their East London Campus and the team was looking forward to an exciting conference programme.

Brief statement of the charity's policy on reserves

The BioMedEng22 conference at UCL had a total income and expenditure of £82,395.00 and £64,032.46, respectively. This left a surplus of £18,362.54, which was shared at a 3:1 ratio with the Association receiving £13,771.905 (75%) and UCL (Institute of Healthcare Engineering) keeping the remaining £4,590.64 (25%). The Trustees acknowledged the significant contribution from UCL and thanked the Conference Chair and team, for their generous donation to the Association.

The 2021 and 2022 financial report outlined a closing balance of £11,952 and £81,905.80, respectively, before the outstanding expenses were paid. However, the actual closing balance for 2022, after the UCL conference expenses (£57,387.05) and host institution contributions for 2021 at (£5,952.00) and 2022 at (£10,000.00) were paid out, was £20,518.96.

The 2023 contributions were discussed and finalised after the BioMedEng23 accounts were reviewed. Please see the attached independently examined accounts for further details on the Association's financial position.

Details of any funds materially in deficit

No funds are in deficit

Further financial review details (Optional information)

You **may choose** to include additional information, where relevant about:

- the charity's principal sources of funds (including any fundraising);
- how expenditure has supported the key objectives of the charity;
- investment policy and objectives including any ethical investment policy adopted.

As detailed in the independently examined 2023 accounts attached, the Association's core income is generated from membership dues and proceeds from hosting dedicated events and the annual conference.

Section F**Other optional information**

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Section G**Declaration**

The trustees declare that they have approved the trustees' report above.

Signed on behalf of the charity's trustees

Signature(s)	GJTetteh	
Full name(s)	Dr Gifty Tetteh	
Position (eg Secretary, Chair, etc)	Head of Operations	
Date	15.08.24	



Charity Name

No (if any)

**ASSOCIATION OF BIOMEDICAL ENGINEERS,
MEDICAL ENGINEERS AND BIOENGINEERS**

1191005

CC16a

Receipts and payments accounts

For the period from	Period start date 01/01/2023	To	Period end date 31/12/2023
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Section A Receipts and payments

	Unrestricted funds to the nearest £	Restricted funds to the nearest £	Endowment funds to the nearest £	Total funds to the nearest £	Last year to the nearest £
A1 Receipts					
Members' subscriptions	5,330	-	-	5,330	5,140
Industry Event	-	-	-	-	1,358
Conference Fees	68,075	-	-	68,075	72,865
Sheffield Conference Fees	-	-	-	-	5,325
Other	7	-	-	7	-
Sub total (Gross income for AR)	73,412	-	-	73,412	84,688
A2 Asset and investment sales, (see table).					
	-	-	-	-	-
	-	-	-	-	-
Sub total	-	-	-	-	-
Total receipts	73,412	-	-	73,412	84,688
A3 Payments					
Refunds	539	-	-	539	960
Processing Fees	1,167	-	-	1,167	1,316
Website Expenses	1,481	-	-	1,481	72
Video Hosting	83	-	-	83	83
BioMedEng22 Conference Chairs Gifts	91	-	-	91	71
BioMedEng22 Legacy Award	-	-	-	-	96
BioMedEng Banner	-	-	-	-	185
BioMedEng22 Costs and Charges - UCL	57,387	-	-	57,387	-
2022 Host Institution Contribution-Imperial	10,000	-	-	10,000	-
2021 Host Institution Contribution-Imperial	5,952	-	-	5,952	-
Operational - Accommodation and Internet	311	-	-	311	-
Independent Examination	300	-	-	300	-
BioMedEng23 Special Awards	156	-	-	156	-
Operational - Travel	102	-	-	102	-
Operational - Condolences	77	-	-	77	-
Stationary and Posting	19	-	-	19	-
Sub total	77,665	-	-	77,665	2,783
A4 Asset and investment purchases, (see table)					
	-	-	-	-	-
	-	-	-	-	-
Sub total	-	-	-	-	-
Total payments	77,665	-	-	77,665	2,783
Net of receipts/(payments)	- 4,253	-	-	- 4,253	81,905
A5 Transfers between funds					
A6 Cash funds last year end	93,857	-	-	93,857	11,952
Cash funds this year end	89,604	-	-	89,604	93,857

Section B Statement of assets and liabilities at the end of the period

Categories	Details	Unrestricted funds to nearest £	Restricted funds to nearest £	Endowment funds to nearest £
B1 Cash funds	Closing Balance - Unrestricted Funds	89,604	-	-
	Closing Balance - Restricted Funds	-	-	-
		-	-	-
	Total cash funds	89,604	-	-
	(agree balances with receipts and payments account(s))	OK	OK	OK

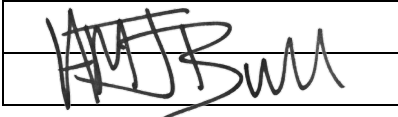
	Details	Unrestricted funds to nearest £	Restricted funds to nearest £	Endowment funds to nearest £
B2 Other monetary assets			-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-

	Details	Fund to which asset belongs	Cost (optional)	Current value (optional)
B3 Investment assets			-	-
			-	-
			-	-
			-	-
			-	-

	Details	Fund to which asset belongs	Cost (optional)	Current value (optional)
B4 Assets retained for the charity's own use			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-

	Details	Fund to which liability relates	Amount due (optional)	When due (optional)
B5 Liabilities		59,509	-	
			-	
			-	
			-	
			-	

Signed by one or two trustees on behalf of all the trustees

Signature	Print Name	Date of approval
	Prof Anthony Bull	20/06/24

Accounts



Trustees' Annual Report for the period

From	Period start date			To	Period end date		
	01	01	2022		31	12	2022

Section A Reference and administration details

Charity name ASSOCIATION OF BIOMEDICAL ENGINEERS, MEDICAL ENGINEERS, AND BIOENGINEERS

Other names charity is known by BioMedEng Association

Registered charity number (if any) 1191005

Charity's principal address Department of Bioengineering, Imperial College London, Bessemer Building, London

Postcode SW7 2AZ

Names of the charity trustees who manage the charity

	Trustee name	Office (if any)	Dates acted if not for whole year	Name of person (or body) entitled to appoint trustee (if any)
1	Prof Alicia El Haj	University of Birmingham		
2	Prof Anthony Bull	Imperial College London		
3	Prof Claudia Mazza	Sheffield University	24.08.2020 - 04.11.2022	
4	Prof Hazel Screen	Queen Mary University of London		
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18				

Names of the trustees for the charity, if any, (for example, any custodian trustees)

Name	Dates acted if not for whole year

Names and addresses of advisers (Optional information)

Type of adviser	Name	Address

Name of chief executive or names of senior staff members

Dr Gifty Tetteh – Head of Operations

Section B Structure, governance and management

Description of the charity's trusts

Type of governing document (eg. trust deed, constitution)	Charitable Incorporated Organisation Constitution
How the charity is constituted (eg. trust, association, company)	Association Model Constitution
Trustee selection methods (eg. appointed by, elected by)	Charity trustees are appointed by a resolution of the members at the annual general meeting. Co-opted Trustees can also be appointed at any time by current trustees.

Additional governance issues (Optional information)

You **may choose** to include additional information, where relevant, about:

- policies and procedures adopted for the induction and training of trustees;
- the charity's organisational structure and any wider network with which the charity works;
- relationship with any related parties;
- trustees' consideration of major risks and the system and procedures to manage them.

Section C Objectives and activities

Summary of the objects of the charity set out in its governing document

To advance education for the public benefit in biomedical engineering, medical engineering, and bioengineering, in particular but not exclusively by:

1. organising and holding scientific meetings and conferences;
2. and promoting the study and practice of biomedical engineering, medical engineering and bioengineering.

Summary of the main activities undertaken for the public benefit in relation to these objects (include within this section the statutory declaration that trustees have had regard to the guidance issued by the Charity Commission on public benefit)

The BioMedEng Association is a professional body for engineers, clinicians, researchers, and students working within Biomedical Engineering, Medical Engineering and Bioengineering disciplines.

Organ on a Chip Satellite event - The UK Organ-on-a-Chip Network hosted a free symposium on 7th September 2022 as a satellite pre-meeting to the BioMedEng22 conference. The hybrid event took place at Queen Mary University of London and online. The symposium was chaired by Dr Adrian Biddle from QMUL, and Dr Lorna Ewart from Emulate Inc. and delivered a keynote on "Modernizing Drug Discovery & Development with Organ-Chip Technology".

BioMedEng22 Conference - The UK's largest gathering of Biomedical Engineers, Medical Engineers, and Bioengineers took place at the UCL Institute of Education in London on 8-9 September 2022.

The conference was co-chaired by Prof Vanessa Diaz and Prof Rui Loureiro from UCL Mechanical Engineering and UCL Aspire CREATE, respectively. They hosted an engaging conference programme with four plenary sessions, eight workshops, about 100 oral talks and 100 poster presentations, and multiple break-out sessions for the various bioengineering themes. BioMedEng conferences provide an excellent opportunity to discuss advances in the discipline, share ideas and opportunities, and train the next generation of leaders.

BioMedEng22 allowed over 400 in-person and remote delegates to interact, exchange ideas and network following the coronavirus pandemic. Compared to the BioMedEng21 conference at the University of Sheffield, it was great to see more delegates attend the conference in person as the Association transitions from remote offerings.

The plenary talks were delivered by a diverse range of leading speakers including:

1. Prof Eric Aboagye, Professor of Cancer Pharmacology & Molecular Imaging and Director of the CRUK-EPSRC-MRC-NIHR Comprehensive Cancer Imaging Centre.
2. Prof Treena Arinzeh, Professor of Biomedical Engineering at New Jersey Institute of Technology in Newark, New Jersey.
3. Prof Tim Chico, Associate Director of the British Heart Foundation Data Science Centre's and Theme Lead for Personal Monitoring Data.
4. Dr Michelle J. Johnson, Associate Professor of Physical Medicine and Rehabilitation at the University of Pennsylvania.

The conference workshops included PPI for in silico medicine, using AI and mechanistic models to optimise treatment of patients on ventilators in the ICU, Equality, Diversity and Inclusion at the Advanced Biomedical Materials Doctoral Training Centre, 3D modelling of the human body as a method of teaching, an Early Career Researchers workshop and leveraging multiscale imaging for biomedical engineering research.

Conference attendance was open to both BioMedEng members and non-members. To increase the Association's membership, registered members were offered a discount on conference registration rates and non-members were encouraged to join the Association. Industrial sponsors were also offered a range of exhibition packages to showcase their products and services to delegates. There were seven industrial sponsors including the Biomedical Engineering Steering Group, Jellagen, ThermoFisher Scientific, Merck, COMSOL, Gill Jennings & Every - GJE, and the Applied Sciences journal by MDPI.



The conference dinner was held at the Radisson Blu Edwardian Bloomsbury Street Hotel for about 150 delegates who purchased additional tickets for the dinner. There was also an after dinner talk by Chloë Rodgers on equality, diversity, and inclusion in healthcare.

To ensure continuity with the conferences and Association activities, Dr Gifty Tetteh, Head of Operations of the Association, met with the conference organizers to finalise the accounts, understand the benefits and challenges of the UCL-BioMedEng partnership, how arrangements can be improved going forward, and transfer funds from the Association to UCL in line with the conference expenses and proceeds split arrangements. More information about the BioMedEng22 conference is available at <https://biomedeng.org/biomedeng22>

2nd BioMedEng AGM - The second AGM of the Association took place at BioMedEng22 on 9th September 2022. The AGM provided an opportunity for BioMedEng members and the BioMedEng Council to review activities and progress to date, propose initiatives, review reports, discuss important updates about the charity, upcoming Council elections, amongst others.

BioMedEng Legacy Prize - The award which is presented to a UK Bioengineer/ Biomedical Engineer/ Medical Engineer whose career-long research and mentoring has contributed immensely to inspiring and training the next generation of academics, researchers and students in the discipline was awarded to Prof Lionel Tarassenko at an earlier

conference and presented at the BioMedEng22 conference dinner at UCL. This award was also presented to Prof Dan Bader (Southampton University) at the BioMedEng18 conference at Imperial College London in 2018.

GJE Abstract Award: Gill Jennings & Every LLP, the recommended intellectual property (IP) firm of the Association, offered a free IP review session as a prize for the BioMedEng22 abstract/research project that had a commercial and industrial aspect they considered to have good potential for IP protection.

As part of the IP review, the team at GJE explored the winner's innovation and commercial plans, and existing IP. The team also offered guidance on how best to maximise value on potential IP to support commercial plans, including the possibility of filing patent applications.

Industry Event - The Association held an industry event on 13th January 2022 to provide an opportunity for the BioMedEng community to engage with key firms in the MedTech sector. Industry presenters included GE Healthcare (Dr Christopher Foley), Medisieve (Dr George Frodsham), Gill Jennings & Every LLP (Dr Chris Poll), and Siemens Healthineers (Prof Sultan Haider).

The event also included a panel discussion on the Future of Biomedical Engineering from an industry Perspective which was chaired by Prof Dario Farina, Chair of Neurorehabilitation Engineering (Imperial College London). The event was held via Microsoft Teams live and was open to both BioMedEng members and non-members.

Attendance was free for BioMedEng members, and non-members were charged a £30 attendance fee and given an opportunity to join the Association, as their attendance fee was equivalent to the annual full membership fee. Industry partners were also charged a nominal fee to present. The event raised £1,370 from speaker and attendee fees. This charging model was different to the free model used for the Education event in 2021 and generated much needed funds for the charity.

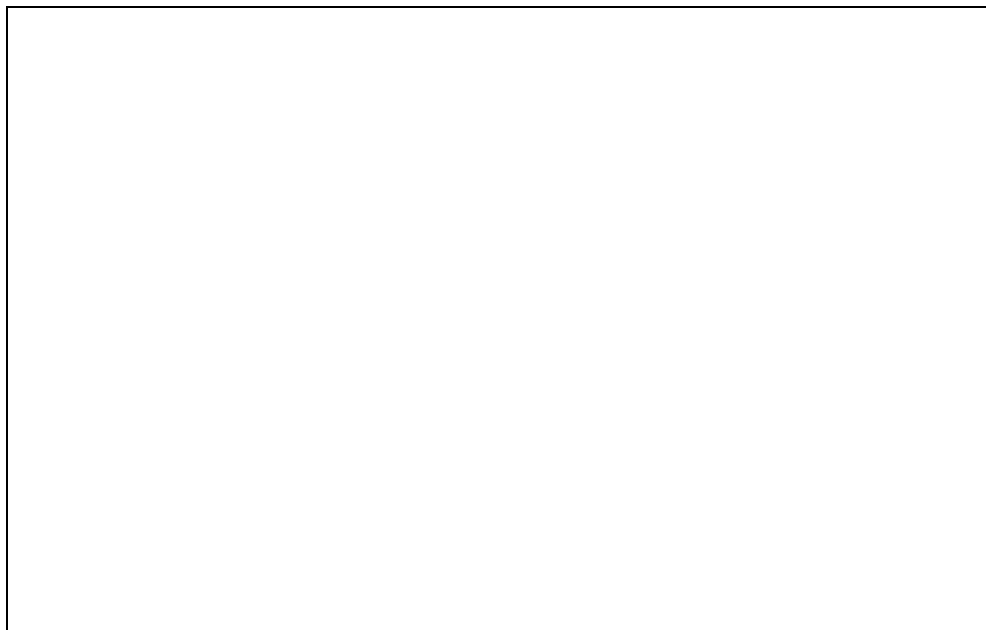
Trustee Board Changes – Prof Claudia Mazza, one of the founding Trustees of the BioMedEng Association, transitioned from the University of Sheffield to a new role with industry and resigned from the BioMedEng Trustee Board in November 2022. The Board discussed the number of trustees required to run the Association effectively, and whether there was a need to recruit new trustees to join the board. They also reviewed how trustees are recruited in the Association's constitution (Co-opted Trustees, voting at AGM), and how trustees could be elected to pre-defined roles. There are currently three Trustees on the Board, but plans are far advanced for new trustees to join soon.

BioMedEng23 – The BioMedEng Council voted in September 2020 for BioMedEng23 to be hosted by Swansea University. Following the finalization of BioMedEng22 with the UCL team, Dr Gifty Tetteh met with the BioMedEng23 Co-Chairs, Dr Raoul van Loon, and Dr Hari Arora to discuss key sections of organising the conference. They discussed lessons learned from previous conferences and initial plans for BioMedEng23. She also drafted the BioMedEng23 website and hold pages, shared social media and sponsorship information, and abstract management options, and sent over the various BioMedEng templates and conference reports.

Additional details of objectives and activities (Optional information)

You **may choose** to include further statements, where relevant, about:

- policy on grantmaking;
- policy programme related investment;
- contribution made by volunteers.



Summary of the main achievements of the charity during the year

Affiliate Memberships – The Association maintained its membership rate at £30/year for Full Members, £20/year* for Research Student Members (PhD and MRes) and free annual memberships to verified undergraduate and MSc students for the 2022 reporting year.

As detailed in our previous report, the Association's membership is open to practising engineers, clinicians, students, and anyone who is interested in Biomedical Engineering, Medical Engineering and Bioengineering. We welcome applications from UK and International members from Industry, Academic Institutions and Research Centres, Clinical Establishments and Hospitals, Governmental and Non-Governmental Organisations, amongst others.

Membership Growth - There has been a significant increase in the number of members joining the Association since the 2021 report. The membership update at the second AGM showed an increase from 490 applications from 64 institutions in Sept 2021, to 734 applications from 96 institutions in Sept 2022. Of the 734 applications received, there were 317 active memberships with 203 paid memberships, 338 free memberships, and some expired and pending memberships.

Institutions with more than 10 members included Imperial College London, University of Sheffield, University College London, University of Strathclyde, University of Southampton, City University of London, University of Bradford, Manchester Metropolitan University, University of Surrey, University of Cambridge, Swansea University, Queen Mary University of London, University of Liverpool, University of Birmingham, and the University of Leeds.

Working Groups - Following on from discussions at earlier Trustees' Board, Council meetings and the 1st AGM at BioMedEng21, there was a need to establish professional working groups to support the Association's operations in –

- i. Education
- ii. EDI
- iii. Engagement/Dissemination/Communication
- iv. ECR
- v. Industry Engagement and Sponsorship
- vi. Translation/Public Health/Engagement with Regulators.

It was also decided that leaders of these new working groups will automatically become Council members. The Association received the nine (9) nominations for leading four of these working groups, and elections were held in January 2022. The nominations were:

1. Education
 - a. Prof Panicos Kyriacou - City, University of London
 - b. Dr Anita K Ghag – University of Birmingham
 - c. Prof Kawal Rhode - King's College London
2. Equality, Diversity, and Inclusion
 - a. Prof Gwendolen Reilly - University of Sheffield
 - b. Dr Aliah Shaheen - Brunel University London
3. Early Career Researchers
 - a. Dr Wahbi El-Bouri - University of Liverpool
 - b. Dr Silvia Del Din - Newcastle University
 - c. Dr Rosti Readioff - University of Leeds

4. Industry Engagement and Sponsorship
 - a. Dr Mehran Moazen - University College London

Following the elections in January 2022, the following nominees were elected by members to lead these Working Groups and join the BioMedEng Council for an initial three (3) year term.

1. **Education** – Dr Anita Ghag – University of Birmingham
2. **EDI** – Prof Gwendolen Reilly - The University of Sheffield
3. **ECR** – Dr Silvia Del Din - Newcastle University
4. **Industry Engagement and Sponsorship** - Dr Mehran Moazen - University College London

Chair of Council – In addition to the Working Group elections, the Trustees' Board accepted self-nominations from current members of the BioMedEng Council in good standing for this new position.

The elected candidate oversees all council activities, leads the newly elected Working Group Chairs, and joined the BioMedEng Trustee Board. The role was offered on an initial 3-year term and upon completion of the 3-year term, the Chair of Council will automatically become a BioMedEng Trustee for a further term.

Elections for this post were held in May 2022 and only Council Members were invited to vote. Prof Martin Knight from Queen Mary University of London was elected as the first Chair of Council to join the Trustees' Board.

The Association's new formal structures currently comprise of a Trustee Board and Chair of Council, the BioMedEng Council and Working Group Chairs (with a broad representation), and the wider membership (open to practicing engineers and students from academia, industry, and clinical institutions).

Tenure System – As discussed in the 2021 Trustees Annual Report, the Association introduced a tenure system for Council Members. Founding Council members of the Association were randomly assigned terms of 1 - 3 years with a possibility of standing for re-election, to ensure of rolling tenure of membership. Five Council positions for Profs David Williams (Loughborough), Declan Bates (Warwick), Malcolm Granat (Salford), Stephen O'Connor (IPEM) and Terry Gourlay (Strathclyde), expired on 31st December 2022, and elections for these positions took place in 2023.

Section E

Financial review

Brief statement of the charity's policy on reserves

The 2021 financial report outlined a closing balance of £11,952. The Trustees discussed and acknowledged the significant contribution from the host institution underwriting the Association's expenses and operations to date. The Board therefore decided to build up reserve funds for the Association and contribute a section of the 2021 proceeds to the Dept. of Bioengineering-Imperial College London for supporting the Association. £5,952 from the 2021 closing balance of £11,952 is being transferred to the host institution underwriting the Association, leaving a balance of £6,000 for charity expenses and reserves.

The 2022 contributions will be finalised after the BioMedEng22 expenses have been paid out to UCL for hosting the conference.

Details of any funds materially in deficit

No funds are in deficit

Further financial review details (Optional information)

You **may choose** to include additional information, where relevant about:

- the charity's principal sources of funds (including any fundraising);
- how expenditure has supported the key objectives of the charity;
- investment policy and objectives including any ethical investment policy adopted.

As detailed in the independently examined 2022 accounts attached, the Association's core income is generated from membership dues and proceeds from hosting dedicated events and the annual conference.

Section F

Other optional information

Section G

Declaration

The trustees declare that they have approved the trustees' report above.

Signed on behalf of the charity's trustees

Signature(s)	<i>GATetteh</i>	
Full name(s)	Dr Gifty Tetteh	
Position (eg Secretary, Chair, etc)	Head of Operations	
Date	04.10.23	

<i>Total payments</i>	2,783	-	-	2,783	1,424
<i>Net of receipts/(payments)</i>	81,905	-	-	81,905	11,952
A5 Transfers between funds				-	-
A6 Cash funds last year end	11,952	-	-	11,952	
<i>Cash funds this year end</i>	93,857	-	-	93,857	11,952

Section B Statement of assets and liabilities at the end of the period

Categories	Details	Unrestricted funds to nearest £	Restricted funds to nearest £	Endowment funds to nearest £
B1 Cash funds	Closing Balance - Unrestricted Funds	93,857	-	-
	Closing Balance - Restricted Funds	-	-	-
		-	-	-
	Total cash funds	93,857	-	-
	(agree balances with receipts and payments account(s))	OK	OK	OK

	Details	Unrestricted funds to nearest £	Restricted funds to nearest £	Endowment funds to nearest £
B2 Other monetary assets			-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-

	Details	Fund to which asset belongs	Cost (optional)	Current value (optional)
B3 Investment assets			-	-
			-	-
			-	-
			-	-
			-	-

	Details	Fund to which asset belongs	Cost (optional)	Current value (optional)
B4 Assets retained for the charity's own use			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-

	Details	Fund to which liability relates	Amount due (optional)	When due (optional)
B5 Liabilities		63,339	-	
			-	
			-	
			-	
			-	

Signed by one or two trustees on behalf of all the trustees

Signature	Print Name	Date of approval

ASSOCIATION OF BIOMEDICAL ENGINEERS, MEDICAL ENGINEERS AND BIOENGINEERS

Financial Statements for the Year Ended 31st December 2022

Statement of Assets and Liabilities as at 31st December 2022

				Totals	Totals
Monetary Assets	Unrestricted Funds	Unrestricted Designated Funds	Restricted Funds	Year 2022	Year 2021
PAYPAL	£77,232.96			£77,232.96	£1,494.00
BANK ACCOUNT	£16,625.05			£16,625.05	£10,458.00
Total	£93,858.01	£0.00	£0.00	£93,858.01	£11,952.00

Liabilities

				£0.00	£0.00
	£63,339.05	£0.00	£0.00	£63,339.05	£0.00

Approved by the Trustees on: 11th October 2023

Signed

Chair _____

Signed

Secretary G. J. Tetteh



Independent examiner's report on the accounts

Section A

Independent Examiner's Report

Report to the trustees/
members of

ASSOCIATION OF BIOMEDICAL ENGINEERS, MEDICAL ENGINEERS
AND BIOENGINEERS

On accounts for the year
ended

31/12/2022

Charity no
(if any)

1191005

Set out on pages

9 - 12

(remember to include the page numbers of additional sheets)

**Respective
responsibilities of
trustees and examiner**

The charity's trustees are responsible for the preparation of the accounts. The charity's trustees consider that an audit is not required for this year under section 144 of the Charities Act 2011 (the Charities Act) and that an independent examination is needed.

It is my responsibility to:

- examine the accounts under section 145 of the Charities Act,
- to follow the procedures laid down in the general Directions given by the Charity Commission (under section 145(5)(b) of the Charities Act, and
- to state whether particular matters have come to my attention.

**Basis of independent
examiner's statement**

My examination was carried out in accordance with general Directions given by the Charity Commission. An examination includes a review of the accounting records kept by the charity and a comparison of the accounts presented with those records. It also includes consideration of any unusual items or disclosures in the accounts and seeking explanations from the trustees concerning any such matters. The procedures undertaken do not provide all the evidence that would be required in an audit, and consequently no opinion is given as to whether the accounts present a 'true and fair' view, and the report is limited to those matters set out in the statement below.

**Independent
examiner's statement**

In connection with my examination, no matter has come to my attention (other than that disclosed below *)

1. which gives me reasonable cause to believe that in, any material respect, the requirements:
 - to keep accounting records in accordance with section 130 of the Charities Act; and
 - to prepare accounts which accord with the accounting records and comply with the accounting requirements of the Charities Act have not been met; or
2. to which, in my opinion, attention should be drawn in order to enable a proper understanding of the accounts to be reached.

** Please delete the words in the brackets if they do not apply.*

Signed:

Date: 11/09/2023

Name:

Charles Osei, BSc (Hons), MSc, ACIE, AFA, ATA, MCIPP

Relevant professional qualification(s) or body (if any):

Association of Charity Independence Examiners

Address:

Flat 3, 11 Rochdale Way

Deptford

London SE8 4LY

Section B

Disclosure

Only complete if the examiner needs to highlight material problems.

Give here brief details of any items that the examiner wishes to disclose.

N/A

Accounts



Trustees' Annual Report for the period

	Period start date				Period end date		
From	24	08	2020	To	31	12	2021

Section A Reference and administration details

Charity name ASSOCIATION OF BIOMEDICAL ENGINEERS, MEDICAL ENGINEERS AND BIOENGINEERS

Other names charity is known by BioMedEng Association

Registered charity number (if any) 1191005

Charity's principal address Department of Bioengineering, Imperial College London, Bessemer Building, London

Postcode SW7 2AZ

Names of the charity trustees who manage the charity

	Trustee name	Office (if any)	Dates acted if not for whole year	Name of person (or body) entitled to appoint trustee (if any)
1	Prof Alicia El Haj	University of Birmingham		
2	Prof Anthony Bull	Imperial College London		
3	Prof Claudia Mazza	Sheffield University		
4	Prof Hazel Screen	Queen Mary University of London		
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Names of the trustees for the charity, if any, (for example, any custodian trustees)

Name	Dates acted if not for whole year

Names and addresses of advisers (Optional information)

Type of adviser	Name	Address

Name of chief executive or names of senior staff members (Optional information)

--

Section B Structure, governance and management

Description of the charity’s trusts

Type of governing document (eg. trust deed, constitution)	Charitable Incorporated Organisation Constitution
How the charity is constituted (eg. trust, association, company)	Association Model Constitution
Trustee selection methods (eg. appointed by, elected by)	Charity trustees are appointed by a resolution of the members at the annual general meeting. Co-opted Trustees can also be appointed at any time by current trustees.

Additional governance issues (Optional information)

You **may choose** to include additional information, where relevant, about:

- policies and procedures adopted for the induction and training of trustees;
- the charity’s organisational structure and any wider network with which the charity works;
- relationship with any related parties;
- trustees’ consideration of major risks and the system and procedures to manage them.

Section C Objectives and activities

Summary of the objects of the charity set out in its governing document

To advance education for the public benefit in biomedical engineering, medical engineering, and bioengineering, in particular but not exclusively by:

1. organising and holding scientific meetings and conferences;
2. and promoting the study and practice of biomedical engineering, medical engineering and bioengineering.

Summary of the main activities undertaken for the public benefit in relation to these objects (include within this section the statutory declaration that trustees have had regard to the guidance issued by the Charity Commission on public benefit)

The BioMedEng Association is a professional body for engineers, clinicians, researchers and students working within Biomedical Engineering, Medical Engineering and Bioengineering disciplines.

These disciplines are remarkably broad; with research ranging from fundamental studies, such as understanding signalling processes in cells, to highly applied work involving the development of technology to assist patient rehabilitation. These multidisciplinary subjects use engineering tools and techniques to solve problems arising from biology and medicine, and advancing these disciplines is beneficial to the public as it will improve medical practice and healthcare delivery.

The Association had been operating as an unincorporated entity since 2008, when it launched the first UK bioengineering conference at Imperial College London – ‘Bioengineering 08’. Prior to this, there was not a UK conference suitable for the breadth of academic bioengineering research being conducted. The organisation went on to host Bioengineering09 at the University of Oxford, Bioengineering10 at the University of Nottingham, Bioengineering11 at Queen Mary University London, Bioengineering12 at the University of Oxford and Bioengineering13 at Strathclyde University.

The annual conference was rebranded in 2014 as ‘MECBioeng’ to include the annual meetings of the EPSRC/Wellcome Trust Medical Engineering Centres. To promote inclusivity and cover all areas of the ever-growing discipline, the annual conference was rebranded in 2018 to start the ‘**BioMedEng**’ series. The Association also has a long-standing relation with the Institute of Physics and Engineering in Medicine (IPEM) and have organised joint conferences with IPEM in the past.

BioMedEng conferences provide an excellent opportunity to discuss advances in the discipline, share ideas and opportunities, and train the next generation of leaders. These meetings have grown to become the UK's largest gathering of Biomedical Engineers, Medical Engineers and Bioengineers. Beyond the successful conferences, the BioMedEng Council, comprised of representatives from 20+ UK universities and institutions that offer qualifications in the discipline commenced proceedings in 2019 to formalise the Association, and promote the study and practice of the discipline.

The Association of Biomedical Engineers, Medical Engineers and Bioengineers (BioMedEng) attained charitable status on 24th August 2020 with the Registered charity number: 1191005. The Association has undertaken a series of activities for public benefit since it was incorporated with the Charity Commission.

Launch Event: The official launch of the Association took place on 14th September 2020 with an address from the Chief Executive Officer of the Royal Academy of Engineering - Dr Hayaatun Sillem.

To celebrate the discipline’s contribution and response to the COVID-19 pandemic, the official launch included a panel discussion on ‘The Bioengineering Response to the Global Pandemic’. The session was moderated by Dr Helen Meese, Vice Chair, Biomedical Engineering Division, Institution of Mechanical Engineers (IMechE).

Panellists included Prof David James - University of Sheffield, Prof Rebecca Shipley - UCL, Dr Sophie Cox - University of Birmingham, Dr Joseph Sherwood - Imperial College London, Prof Sebastien Ourselin - King’s College London, and Prof Molly Stevens - Imperial College

London. The hybrid event was open to the public and was free to participate. A recording of the event was also made available on the Association website and other video hosting platforms.

Journal Partnership: Following the successful launch, the Association published a collection of articles with the Open Access journal – *Frontiers in Medical Technology*. The collection captured the bioengineering response and activity on COVID-19 from several research groups in the UK and around the world.

The collection titled: *The Bioengineering Response to SARS-CoV-2 and COVID-19* is available online and was edited by two BioMedEng Trustees, Prof Alicia El Haj – University of Birmingham and Prof Anthony Bull – Imperial College London, and Prof Rebecca Shipley from University College London. The online collection compiles high-level manuscripts from international experts to showcase the bioengineering response to the global pandemic.

Education Workshop: Whilst the pandemic encouraged new ways of working and remote engagement opportunities, it was challenging for most educational institutions to move their academic offering online and provide seamless remote teaching in the early days of the pandemic.

Several academic institutions and departments rose to the challenge and developed bespoke platforms and strategic operations to address these challenges. Others tailored readily available resources and platforms to support teaching and research in their institutions.

The BioMedEng education workshop provided a central platform and opportunity for professionals from multiple institutions to share their experiences. Academics and students shared how their institutions adapted to the changes and their response strategy(ies) with colleagues from other institutions at the workshop.

The virtual event explored the lessons learned for biomedical education in the lockdown. As part of the event, the panel explored the benefits and challenges associated with remote learning of various biomedical engineering courses. The workshop was chaired by Prof Kawal Rhode from King's College London and was organised in partnership with Prof Manos Drakakis from Imperial College London.

The session on 'Lectures and Tutorials during COVID-19' was chaired by Dr Jennifer Martay from Anglia Ruskin University. It included presentations from Dr Anita Ghag (University of Birmingham), Dr Gabriel Cavalli (QMUL), Dr Maria Romero-Gonzalez (QMUL) and a discussion on how to best engage students online.

The session on 'E-learning and Software for BME Education' was chaired by Dr Daniel Abasolo (University of Surrey) and included presentations from Prof Kawal Rhode (KCL) and Dr Sylvie Coupaud (University of Strathclyde). It also included a student perspective and discussion on challenges and limitations of Virtual Learning Environments.

The 'Labs & Projects' session chaired by Prof Julia Shelton (QMUL) included presentation on on-campus and remote labs and projects from Dr Sylvain Ladame (Imperial College London) and Dr Oleg Aslanidi (King's College London). It also included discussions on how the development of laboratory and research skills have been affected by COVID-19.

The final session focused on conducting remote examinations during the

pandemic and how best to adapt examination for the online format. This was chaired by Prof Sotiris Korossis, from Loughborough University.

The education workshop was held via Microsoft Teams. It was open to all and free to attend. A copy of the event recording is also available to members via the Association website.

Partnership with Gill Jennings & Every LLP: As part of our fundraising efforts and engagement with industrial firms, the BioMedEng Association established an exclusive Intellectual Property partnership with Gill Jennings and Every LLP. The IP partnership allows BioMedEng members to have access to expert attorneys and collaborate on IP matters.

A key charitable object of the BioMedEng Association is to advance education and knowledge transfer in Biomedical Engineering, Medical Engineering and Bioengineering. This includes translating research beyond academia and the partnership with GJE contributes towards this objective. It also allows BioMedEng members to profit from a wide range of benefits including complementary intellectual property advice.

GJE Partner, Mr Graham Spenceley said: 'Biomedical Engineering is an exciting field of medical technology, and the BioMedEng Association represents an extensive range of programmes and a community of top practitioners working and studying in this cutting-edge industry. We are proud that the BioMedEng Association has chosen GJE to be its recommended IP firm as this relationship presents a unique opportunity for us to guide the Association's membership on their intellectual property. Our firm's vision is founded on the value of creativity and we look forward to discussing the new and exciting innovations BioMedEng members present us with.'

More information about the BioMedEng and GJE partnership is available via the dedicated page on the Association website and via the flyer attached to this report.

BioMedEng21 Conference: BioMedEng conferences deliver an extensive scientific programme that combines plenary lectures by world class experts from Industry and Academia, with keynote addresses from leading academics. It also includes a series of oral and poster presentations from students and Early Career Researchers and a range of interesting workshops.

These workshops allow exploration of subject specific topics as well as the opportunity to engage the community with in-depth discussions on topics including - translating research beyond academia, celebrating the contributions of women in changing the innovation landscape in the UK, research funding support for Early Career Researchers, amongst others.

Following the cancellation of the BioMedEng20 conference due to the coronavirus pandemic, the Association was pleased to host its 13th annual conference - BioMedEng21, at the University of Sheffield in September 2021.

The conference was chaired by Prof Gwen Reilly and organised in partnership with the University of Sheffield's Department of Materials Science and Engineering, and the Insigneo Institute for in silico Medicine.

This was the first hybrid conference since the meetings started in 2008. It had 175 in-person delegates and 135 online attendees from 43

universities, (including 6 international universities and 7 industrial and clinical organisations).

The conference included an exciting programme of 4 plenary sessions, 1 after dinner speaker, 17 keynote speakers, 63 oral presentations, 57 power pitches, 65 poster presentations and 3 workshops. The conference also hosted the BioMedEng Association AGM and the General Assembly of the VPHi-UK Chapter.

Additional details of objectives and activities (Optional information)

The charity's operations is managed by Dr Gifty Tetteh, who is currently funded by the Department of Bioengineering at no cost to the Charity.

In leading operations and engagement for the BioMedEng Association, Gifty is responsible for:

- Developing, maintaining and managing all aspects of the BioMedEng Association including coordination of effective administrative support
- Ensuring maximum societal and charitable benefits for BioMedEng Association activities
- Working with the BioMedEng Trustees and BioMedEng Council, to develop and implement the national strategy for the BioMedEng Association, ensuring the views of key stakeholders are represented
- Creating, developing and strengthening collaborations between the BioMedEng Association, 80+ academic institutions and 580+ members involved with the Association
- Managing the charity's bank account, strategically analysing and tracking expenditure/finance budgets, and preparing financial reports for the Charity Commission
- Reviewing and verifying new BioMedEng membership applications
- Managing the BioMedEng Membership database, and regularly compiling the membership breakdown
- Tracking membership due payments, chasing unpaid dues and facilitating membership renewals
- Advising and supporting the BioMedEng Trustee Board and BioMedEng Council
- Supporting the local organising committee and host institution organising the annual conference
- Developing, maintaining, and updating the BioMedEng Association Website and social media communications
- Managing the national call for proposals for hosting the BioMedEng conference
- Ensuring compliance with sponsorship agreements and contracts
- Preparing Annual reports for the Charity Commission
- Coordinating Trustee Board meetings and BioMedEng Council meetings
- Representing the BioMedEng Association where necessary

The BioMedEng conference and some of the Association events are also supported by a diverse team of volunteers. The 2021 conference was supported by 17 student volunteers, a programme committee and a local organising committee.

You **may choose** to include further statements, where relevant, about:

- policy on grantmaking;
- policy programme related investment;
- contribution made by volunteers.

Section D

Achievements and performance

Summary of the main achievements of the charity during the year

Affiliate Memberships – Beyond the successful incorporation with the Charity Commission, the Association created a series of affiliate memberships to allow interested persons to join the Association.

The Association's membership is open to practising engineers, clinicians, students, and anyone who is interested in Biomedical Engineering, Medical Engineering and Bioengineering. We welcome applications from UK and International members from Industry, Academic Institutions and Research Centres, Clinical Establishments and Hospitals, Governmental and Non-Governmental Organisations, amongst others.

The different membership types on offer are available on the dedicated membership pages on the Association website. Potential members and interested persons can also use the simplified application form on the website to join the Association.

In addition to receiving reduced registration fees at the annual conference and partner events, Association members have access to a wide range of benefits available at <https://biomedeng.org/membership/>

The current membership rate is £30/year for Full Members and £20/year* for Research Student Members (PhD and MRes). It also offers free annual memberships to verified undergraduate and MSc students.

Community Engagement Space – The Association has also implemented an interactive online platform that allows members and stakeholders of the Association to share useful resources, upcoming events, vacancies, recent publications and other materials with the bioengineering community.

This enabling space provides an opportunity for academics, students, clinicians and industry personnel from all over the world to exchange ideas and share resources. It was particularly useful for sharing teaching resources from the lessons learnt education workshop the Association organised during the pandemic.

There is also a portal for capturing research interests from members. With such a wide range of sub-specialties for BioMedEng programmes, from artificial intelligence to wearable biosensors, the research interest platform is useful for planning future initiatives and allocating resources.

Membership Campaign - Registration for the BioMedEng affiliate memberships launched on 1st Feb 2021. The initial membership campaign targeted the Association's mailing list and host institutions of the current formal members.

This led to about 171 membership applications in mid-Feb 2021. There was an additional campaign targeted at over 30 UK institutions offering bioengineering programmes which increased the Association's membership to 372 members.

Membership has continued to increase steadily with subsequent campaigns and event communications. The Association currently has about 580 affiliate members from over 80 UK and international institutions.

Sponsorship Campaign and Fundraising – An online donation platform has been set up via the BioMedEng website to support activities of the Association.

To help raise additional funds for the charity and expand its industrial networks and contacts, the Association contacted a series of companies to find additional funding. It was successful in securing commitments and sponsorship deals from a number of companies who were interested in partnering with the Association.

Tenure System – The Association has also introduced a tenure system for formal members. This allows the founding formal members who were kept on from the scientific committee of the BioMedEng19 conference to serve the Association for specific periods.

The tenure system also allows new formal members to join the Association and bring new ideas on board when the tenure of current members expire.

Section E Financial review

Brief statement of the charity's policy on reserves

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Details of any funds materially in deficit

No funds are in deficit

Further financial review details (Optional information)

You **may choose** to include additional information, where relevant about:

- the charity's principal sources of funds (including any fundraising);
- how expenditure has supported the key objectives of the charity;
- investment policy and objectives including any ethical investment policy adopted.

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Section F Other optional information

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Section G Declaration

The trustees declare that they have approved the trustees' report above.

Signed on behalf of the charity's trustees

Signature(s)		
Full name(s)	Dr Gifty Tetteh	
Position (eg Secretary, Chair, etc)	Secretary	
Date	10.05.22	



CHARITY COMMISSION
FOR ENGLAND AND WALES

Charity Name BioMedEng Association	No (if any) 1191005
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CC16a

Receipts and payments accounts

For the period from	Period start date 24.08.2020	To	Period end date 31.12.2021
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Section A Receipts and payments

	Unrestricted funds to the nearest £	Restricted funds to the nearest £	Endowment funds to the nearest £	Total funds to the nearest £	Last year to the nearest £
A1 Receipts					
Donations, Grants and Interests	31	-	-	31	-
Fundraising	7,000	-	-	7,000	-
Members' subscriptions	6,345	-	-	6,345	-
Fees for charitable services	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
Sub total (Gross income for AR)	13,376	-	-	13,376	-
A2 Asset and investment sales, (see table).					
	-	-	-	-	-
	-	-	-	-	-
Sub total	-	-	-	-	-
Total receipts	13,376	-	-	13,376	-
A3 Payments					
Event Web Hosting	83	-	-	83	-
Legal Services	878	-	-	878	-
Conference Expenses	312	-	-	312	-
Telephone, internet and postage	-	-	-	-	-
Printing, postage, stationery and computer supplies	-	-	-	-	-
Bank interest and charges	151	-	-	151	-
Sub total	1,423	-	-	1,423	-
A4 Asset and investment purchases, (see table)					
	-	-	-	-	-
	-	-	-	-	-
Sub total	-	-	-	-	-
Total payments	1,423	-	-	1,423	-
Net of receipts/(payments)	11,952	-	-	11,952	-
A5 Transfers between funds	-	-	-	-	-
A6 Cash funds last year end	-	-	-	-	-
Cash funds this year end	11,952	-	-	11,952	-

Section B Statement of assets and liabilities at the end of the period

Categories	Details	Unrestricted funds to nearest £	Restricted funds to nearest £	Endowment funds to nearest £
B1 Cash funds	Bank Account	10,458	-	-
	PayPal	1,494	-	-
		-	-	-
	Total cash funds	11,952	-	-
	(agree balances with receipts and payments account(s))	OK	OK	OK

Categories	Details	Unrestricted funds to nearest £	Restricted funds to nearest £	Endowment funds to nearest £
B2 Other monetary assets		-	-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-

Categories	Details	Fund to which asset belongs	Cost (optional)	Current value (optional)
B3 Investment assets			-	-
			-	-
			-	-
			-	-
			-	-

Categories	Details	Fund to which asset belongs	Cost (optional)	Current value (optional)
B4 Assets retained for the charity's own use			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-

Categories	Details	Fund to which liability relates	Amount due (optional)	When due (optional)
B5 Liabilities			-	
			-	
			-	
			-	
			-	

Signed by one or two trustees on behalf of all the trustees

Signature	Print Name	Date of approval
	Anthony Bull	15th August 2022