



BRITISH SOCIETY OF ANIMAL SCIENCE ANNUAL GENERAL MEETING 2024

**NOTICE IS HEREBY GIVEN THAT THE 81st ANNUAL GENERAL MEETING OF THE SOCIETY WILL
BE HELD AT THE ASSEMBLY BUILDINGS, BELFAST | TUESDAY 9TH APRIL AT 17:45**

A G E N D A

1. Welcome and apologies
2. Minutes of the Meeting held on 29th March 2023 (81a) (Note 1)
3. Report by Chief Executive for the year 1st December 2022 - 30th November 2023 (Paper 81b - Annual Review) (Note 1)
4. Report of the Hon Treasurer and adoption of the audited accounts (Paper 81c) (Note 1)
5. Re-appointment of auditors (Note 2)
6. Election of Office Bearers (Note 4)
 - a) Office Bearers (Paper 81d)
 - b) Trustees (81e)
7. Discussion – Strategic Initiatives
8. AOB

NOTES

1. (Papers 81a – 81c) circulated with this notice, will be taken as read and comments from the floor are invited.
2. Trustees propose the re-appointment of auditors:
Paterson Boyd, 18 North Street, Glenrothes, Fife, KY7 5NA
3. Election of Office Bearers (81d)
Election of President - Trustees propose the election of Professor David Kenny
(Dr Helen Warren becomes Senior Vice-President)
Election of Junior Vice-President - Trustees propose the election of Professor Nick Jonsson
4. **Appointed Trustees** - Trustees have appointed David Elliot to fill the specific skill sets / board vacancy for Communications. Members are asked to ratify this appointment as a Trustee board member for a four-year term.

PAPERS FOR THE ANNUAL GENERAL MEETING 2024

Paper

- | | |
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| 81a | Minutes of the Meeting held on 29th March 2023 |
| 81b | Annual Review / Report of the Chief Executive Officer |
| 81c | Accounts for the year-end 30 November 2022 |
| 81d | BSAS President, Vice-President and Trustee - Short Biographies |

DRAFT MINUTES OF THE EIGHTIETH ANNUAL GENERAL MEETING OF THE BRITISH SOCIETY OF ANIMAL SCIENCE HELD AT THE INTERNATIONAL CONVENTION CENTRE, BIRMINGHAM AND VIRTUALLY

WEDNESDAY 29TH MARCH 2023

18:00 – 18:45 (UK)

1. WELCOME AND APOLOGIES

The President, Kim Matthews, welcomed members to the meeting. There were 6 members in attendance virtually and 25 in attendance in person.

Apologies received from:

Rex Walters Charlotte Parker, Paulo de Meo Filho, Paul Smith, and Lesley Durrans

2. MINUTES OF THE MEETING HELD ON 12TH APRIL 2022 (PAPER 80a)

The minutes of the previous AGM (12th April 2022) were accepted.

Proposed: Howard Simmins

Seconded: Helen Warren

3. REPORT BY CHIEF EXECUTIVE FOR THE YEAR 1ST DECEMBER 2021 – 30TH NOVEMBER 2022 (PAPER 80b – ANNUAL REVIEW)

Chief Executive, Maggie Mitchell, provided an overview of her report along with the Annual Review. These documents had been circulated ahead of the AGM to all members. The presentations included an overview of the Society's activities for 2021/2022.

Highlights include:

Membership & Accreditation:

- The Freshers and Refreshers week is continuing to prove popular with undergraduates; through this Campaign BSAS has gained 9 new Ambassadors who are promoting the Society within their universities
- Membership currently stands at 573 members
- Student Accreditation Register: The Accreditation Register has been updated to enable undergraduate students to start developing their CPD and Accreditation journey

Awards:

- The Undergraduate Thesis of the Year has proved very successful with 20 universities submitting theses from their students; the CEO encouraged the audience members from an academic institution to submit
- Other awards include The Presidents, Industry, Developing Talent and Poster Prizes at BSAS 2022, and the Sir John Hammond Award which was awarded to Phil Garnsworthy

BSAS Global Membership:

- BSAS is now working with the Australasian Pig Science Association (ASPA) and continues to partnership with the Australian Association of Animal Sciences (AAAS); BSAS continues to work to develop global alliances with animal science associations

Stakeholders:

- A Sponsorship package has been developed to attract sponsors for BSAS activities
- A Career guide has been completed to attract undergraduates into an animal science career and to provide guidance as opportunities develop; all on-line BSAS events are CPD-rated to encourage this learning activity

Publications:

- Animal Family of Journals (*animal – the international journal of animal biosciences*, *animal – open space*, *animal – science proceedings*):
 - *animal* – the journal has an Impact Factor of 3.730 and continues to gather momentum
 - *animal – open space* has financially impacted revenue, through set-up costs, but there are signs of improvement
 - *animal – science proceedings* – is attracting more conferences

Events:

- BSAS 2022 was successfully delivered in Nottingham; an audience of 210 delegates attended in person, with 141 attending virtually. As numbers indicate that the virtual audience is dropping off it is hoped that BSAS 2024 will have a larger in-person audience

Communication & Collaboration:

- Communications continue to expand across all BSAS media channels and global audience reach is increasing; importantly, communications are being 'read', 'shared' and 'liked'; the mailing list has in excess of 6,500 subscribers; emails have an opening rate above average; website dwell time is 2 minutes, almost double that of the average 62 seconds

Members were encouraged to contact the CEO by email with ideas for topic development / information that they would like BSAS to share; members were asked if they would like to see more webinars / occasional meetings.

BSAS has had a year of consolidation and continues to look for ways to reduce costs. There has been a lot of change in the way activities are delivered. The Society's relationship with the Royal Society of Biology is moving forward.

The President thanked Maggie Mitchell for her presentation.

Question from the audience, Michael Lee, asked the CEO to outline the Society's connection with Science in Parliament (SIP). Maggie Mitchell explained that BSAS has joined the SIP Group, which allows for:

- article submission to the quarterly magazine; this journal is well-read within Parliament, so there is an opportunity to influence and inform Parliament about animal science through this medium
- attendance at SIP committee meetings; there is an opportunity to influence what is happening and what is going to happen within the animal science arena; members with an interest were encouraged to contact Maggie Mitchell for further discussion

Question from the audience, Jos Houdjik, asked in relation to the dwell time on the website, is this compared to like organisations, and are the people liking what they read or are they finding it

difficult to find what they are looking for. In response, the CEO explained that it is an unknown in respect of other societies but would look further into this. The website attracted 67,000 new page views, 20,000 page users and 19,000 new users.

The President extended thanks to Maggie Mitchell for the hard work she has done over the last twelve months. Thanks, were also offered to the Trustees, BSAS committee chairs, committee members and society members for all they do to support the running of the Society.

4. REPORT OF THE HON. TREASURER AND ADOPTION OF THE AUDITED ACCOUNTS (PAPER 80c) (NOTE 1)

BSAS Hon. Treasurer, Cledwyn Thomas, gave an overview of the financial report for 2022. The accounts were circulated to members with the AGM papers ahead of the meeting.

It was recognised that for 2022, BSAS will have a budget deficit on the Income and Expenditure due to increased investment in services. At the end of the budget year Income and Expenditure accounts showed an overall deficit of ~£58,000.

The main sources of income for 2022 were from:

- publications; the publication consortium '*animal*' generating the most income
- conferences
- member subscriptions

The main sources of expenditure for 2022 were:

- staff costs, although these remain stable
- CJAM professional management fees saw a cost increase due to an early termination of contract
- BSAS promotion incurred extra costs
- publications remain the main cause of deficit due to income reduction as *animal* journals are now available through open access

BSAS incurred investment losses in 2022, these are being recouped; the medium to long term investment portfolio is managed and meetings are held quarterly to monitor these. Due to the high rate of inflation the real value of investment has fallen. In future years, it is important to recoup any losses to keep the real value of investments.

In the long term, the Hon. Treasurer advised for no further reduction in assets and that BSAS cannot afford operational losses in the budget for the next 2-3 years.

The budget for 2023 needs to show a balanced Income and Expenditure. There is a current prediction of a ~£30,000 loss, but the senior team will be working hard to balance the budget. The main components of the 2023 budget are:

- Membership – revenue is predicted to be less than of previous years; there is a need to see the investment in membership bring an increase in income

- Publications – negotiations with publisher Elsevier are ongoing to try to increase income from '*animal*'
- Events – predicting a small surplus mainly due to the efforts of getting sponsorship
- Membership and Accreditation – expenditure is down

In summary, there is a need to recoup losses in investments and maintain pressure on the operating budget so by year end there is a zero balance I&E.

Question from the audience was asked in relation to the termination of the CJAM contract, what due diligence has been done with the new contract with the Royal Society of Biology (RSB). The CEO explained that BSAS has an annual contract with the RSB, it is considerably cheaper than that was had with CJAM. Communications, finance, and events management have been separated out so there is reduced expenditure in accountancy fees. There is a dedicated communications person who is proving to be very effective in their role. BSAS is only tied into an event on a 'per event contract' enabling BSAS to get the best deal and make decisions accordingly.

Question from the audience was asked in relation to when will BSAS see the recovery from moving to 'gold' in the animal open access journal. The Hon. Treasurer explain that it takes 3-5 years typically for journals moving to open access to recover to what it was previously. The budget for '*animal*' journal for the next 2-3 years is 10% gross to try to get back to where we were formerly. It is imperative that authors are targeted to publish in '*animal*'.

Question from the audience, Howard Simmins, in respect of '*animal*' journal pricing. The Hon. Treasurer explained that the Article Publishing Charge (APC) is set at a low level of £1,400. Contrary to BSAS' contract with Elsevier, Elsevier has been giving authors additional discounts through re-published deals; this is impacting the journals income. A meeting will be held shortly with Elsevier to discuss this matter and possible ways forward.

Question from the audience, Frank Dunshea, in respect of sponsorship prospects. Committee has agreed that sponsorship opportunities will be explored in 2023 to further increase revenue. The President asked the audience to be mindful of any sponsorship opportunities that the organisations they work for could be passed to BSAS.

Question from the audience, Frank Dunshea, in respect of charging for the accreditation scheme. The CEO explained that the RBS will be running the Accreditation Scheme on behalf of BSAS; and that it is expected that register sign-up will increase. There seems to be more interest at a corporate level. The aim is that once the scheme is working efficiently and effectively that BSAS would look to administer a registration fee and subsequently a maintenance charge.

Comments for committee to take on board as suggested from the audience, in respect of the increased difficulty to offer creative ideas to encourage sponsorship; and increased marketing around the Accreditation Scheme to animal scientists so the scheme has more traction and increased value. The Hon. Treasurer reiterated that the three core income earners (events, publications, and membership) should be the focus for growth.

5. RE-APPOINTMENT OF AUDITORS (NOTE 2)

The Hon. Treasurer moved that the auditors Patterson Boyd of Glenrothes be re-appointed.

Proposed: Kim Matthews

Seconded: David Wilde

6. RETIREMENT OF TRUSTEES (NOTE 3)

The President reported that Professor Michael Lee and Professor Eileen Wall have stepped down as Trustees (29th March 2022). The President thanked them both for their tremendous contributions to the Society.

7. ELECTION OF OFFICE BEARERS (NOTE 4)

a) OFFICE BEARERS (PAPER 80d)

Professor Elizabeth Magowan was elected BSAS President for 2023/24.

Proposed: Helen Warren

Seconded: Katie Dubarry

David Kenny moves to the position of Senior Vice President

Dr Helen Warren was elected as Vice President.

Proposed: Howard Simmins

Seconded: David Wilde

b) TRUSTEES (PAPER 80e)

Trustees have appointed Mike Addelman and Diarmuid Moloney to the Board of Trustees to fill specific skill sets around communications and finance respectively. Trustees will serve a term of four years.

Proposed: Elizabeth Magowan

Seconded: Peter Williams

The President announced the results of the ballot for Board of Trustee election. The top four candidates as voted for by members were:

Candidate	Percentage
Lisa Collins	21%
Steven Morrison	20%
Gareth Arnott	17%
Nick Wheelhouse	14%

It was felt that the other candidates were of such high calibre that they should be invited to offer support to the Trustees and other roles with the Society, such as committees. Thanks were

proffered to all applicants who put themselves forward and congratulations were extended to the newly appointed Trustees.

Elizabeth Magowan reiterated Kim Matthews comments and thanked applicants for putting themselves forward.

8. DISCUSSION – STRATEGIC INITIATIVES

- **Memorandum of Understanding signed with Phytobiomes Alliance**

Phytobiomes is about livestock and ecosystems working together in the environment and economy; this alliance should help BSAS reach out to a wider and more diverse audience and is mutually exclusive.

- **Centre for Innovation Excellence in Livestock (CIEL)**

We recognise that CIEL has some fantastic industry partnerships as well as an academic core; BSAS has a strong academic portfolio with an industry influence and involvement. BSAS is looking with strategic intent to come together with CIEL on two key initiatives:

1. **European Federation of Animal Science (EAAP) / BSAS / CIEL**

Michael Lee explained that BSAS represents the UK as a member on the EAAP. As membership costs €14,000pa the Society explained to EAAP that it was no longer viable to pay that charge. EAAP gave the Society two years to come up with an alternative option. Discussions have since taken place with CIEL and it has been agreed that CIEL and BSAS will share the cost of membership for this year, and then look for further opportunities that will hopefully continue that relationship. EAAP covers animal science in both industry and academia, so it has been agreed that CIEL will pay €10,000 to cover industry involvement and BSAS will pay €4,000 for the academic contribution.

Michael Lee explained that he attended an EAAP meeting in Rome where 1,900 papers were submitted into the meeting; he therefore reiterated the importance for a strong UK representation. EAAP is a great conduit for showcasing UK strengths in animal science.

2. **Other BSAS / CIEL activity will include a White Paper on ‘The role of livestock’.**

- **Inclusion of Republic of Ireland into BSAS**

To evolve further, the Society will be looking to include greater membership and input from the Republic of Ireland into BSAS, thus opening avenues for increased revenue from, for example, membership fees and conference attendance.

9. DISCUSSION- INCREASE MEMBERSHIP FEES FROM 1ST DECEMBER 2023

Membership fees have not been changed for some considerable time, so members were asked to review the proposed fees presented. It was acknowledged that those who attend the Conference recoup their fees through discounted pricing, and that other organisations have been increasing their membership fees.

There was a suggested increase in membership fees of approximately 10%.

Members were asked to feedback thoughts on the proposed fee increases either during or after the meeting:

Membership Type	Current Fee	Proposed Fee
Full Individual Member	£90	£100
Retired Member	£45	£50
Graduate Member	£45	£50
Student	£15	£20
Low to Middle Income Countries (LMIC) Member	£20	£20

An Extra General Meeting will be arranged to ratify the fee structure with the new Trustee Board.

Two members of the audience expressed on how cheap the BSAS fees are. Howard Simmins spoke about the costs associated with publishing through Elsevier; he expressed that it needs to be a value offer with benefits attached to it (a reduced article publication charge for those members who are publishing). The Hon. Treasurer mentioned that it is hoped that discussions with Elsevier will be concluded in mid-April 2023, with hopes that this will lead to a BSAS members discount solution.

Concerns on putting up fees for the next 1-2 years was expressed, for the likes of Contract Research Organisations (CRO's) and universities who have tight finances and who will not want to pay higher fees.

10. ANY OTHER BUSINESS

There was no AOB.

The President brought the AGM to a close and thanked all of those who attended for their time.

Mr Kim Matthews

BSAS President 2022/23



Annual Review

2022/2023

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Welcome to our Annual Review of Activities

It has been an honour to serve as your President since the AGM at our 2023 conference. The annual conference, held in Birmingham, was once again a wonderful event with many excellent presentations from a broad spectrum of actors representing industry, academia and policy makers. Michael Lee, Kim Matthews and Maggie Mitchell worked really hard with the wider organising committee to make the event very successful and I thank them gratefully for their ongoing commitment and dedication to BSAS. I am now looking forward with excitement to BSAS 2024 in Belfast, the conference is starting to shape up really well under the expert organising skills of Kim and Maggie and the wider team.

This year we have also seen the end of the tenure for a number of our trustees and we have welcomed a number of new trustees. As such I would like to express my heartfelt thanks to Michael Lee and Eileen Wall for all their hard work, dedication and loyalty to BSAS over the past number of years. I remain in awe of the love and dedication that a larger number of BSAS members have for the Society and it is this which makes it a wonderful 'home' for the animal science community.

BSAS has 15 trustee positions and to fill the vacancies created, an exercise was conducted to attract and 'recruit' 6 new trustees. I was blown away by the interest that this exercise raised.

I am delighted that Diarmuid Moloney, Gareth Arnott, Nick Wheelhouse, Lisa Collins and Steven Morrison were elected at the AGM held on the 29th March 2023.

In order to kick off this new team we had a very enjoyable workshop in May where key goals for the Society were discussed and the committee structure was agreed upon to achieve these goals. Since then, many activities have progressed with much of this work still progressing. These goals and direction for BSAS will be outlined in the societies strategic plan for 2024-2027 due to be launched at the Annual conference in Belfast in April 2024.

Personal aims for myself in my presidential year included hosting a 'hot topic' conference, advancing BSAS's strategic position as a learned Society and increasing the reach and membership of BSAS, especially on the island of Ireland. I'm pleased to say that the hot topic conference – the 'methane mitigation conference' hosted by AFBI and QUB in Belfast in Nov 2024 was a great success and showcased the world leading science and its impact of a number of BSAS members to a wide range of industry and policy stakeholders. I am also working closely with David Kenny on increasing the awareness of BSAS among colleagues across Ireland. Advancing BSAS's strategic position has included the delivery of

'blogs', the use of Science in Parliament and more strategic alliances with partners, such as CIEL and British Grassland Society.

As such, I, the wider presidential team and team of trustees, remain committed to ensuring that BSAS remains an impactful and financially sustainable Society far into the future as we continue to move on to the front foot on issues, such as the role of livestock in our ecosystems and economy, human dietary requirements and the benefits of gene editing.

Finally thank you to Maggie, who works extremely hard, often unnoticed, to keep the wheels turning and the Society developing to meet our needs from it in the future. Without your support, Maggie, the President would achieve very little. I have enjoyed working with you immensely and know that the Society is in good hands with you, David and Helen at the helm going forward!



Elizabeth Magowan, AFBI
BSAS President



Chief Executive Update



The BSAS 2023 conference took place as a hybrid event in Birmingham and saw wide and informative discussion about how animal science can meet societal needs. In this year BSAS also organised the successful International Ruminant Reproduction Symposium (IRRS 23) and the Ruminant Methane Mitigation Conference.

The Society's publications, the animal family of journals, comprised of animal, animal – science proceedings and animal – open space, are published by a Consortium of BSAS, EAAP and INRAE. All articles are published as Gold Open Access. animal maintains its place as a high-quality journal with an increasing impact factor of 3.73. Income share from the journals supports BSAS activities. Members are encouraged to publish in animal and benefit from a discounted publishing charge of 15% in 2023 rising to 20% in 2024.

Much work has been done this year to create a communications plan to support our journals and we hope that our members will submit papers to the Society's journals and benefit from discounted publishing charges.

We have worked to better define and deliver member benefits and have run campaigns during the year to raise awareness and increase Society membership. We took the difficult decision this year to raise membership fees from 1st December 2024.

Our new service provider, the Royal Society of Biology, for membership and register administration has made positive impact in ensuring that our information is accurate and up-to date, and next year we will see the benefits of further reduced costs.

Also in this year we have initiated Memorandums of Understanding with the Phytobiomes Alliance, the British Grassland Society and the University of Life Sciences King Mihai from Timisoara, Romania. We look forward to developing these collaborations.

I join with Elizabeth in thanking Michael Lee and Eileen Wall for their valued contribution to the Society and thank all of our trustees and committee members for their hard work and support during the year. Also many thanks to our external team, Sinead (communications), Karen (admin) and Beth (membership).

A handwritten signature in dark ink that reads "Maggie".

Maggie Mitchell
BSAS Chief Executive



Events

Key Objectives:

- Develop and sustainably grow the BSAS annual conference to increase sponsorship, partner opportunities, delegate numbers and audience diversity
- Host a series of workshops and deliver other knowledge transfer initiatives to meet the continuing professional development requirements of our membership, general animal science and related sectors
- Partner compatible UK and international organisations to create joint events and initiatives that promote animal science and knowledge transfer



Helen Warren , Alltech
Chair, Events Committee

During this year BSAS has organised five events.

BSAS 2023 held in **Birmingham**, this year's annual conference saw a total of 331 delegates (plus 72 WPSA delegates), 40 invited speakers and 149 abstracts (plus 12 developing talent) presented either as a theatre or digital poster presentation. Sponsorship totalled £48K. The Hammond lecture was delivered by Minette Batters (NFU President) and the Sir John Hammond Prize was awarded to Professor Sharon Huws.



IRRS 2023, Galway, Ireland was attended by 360 delegates from 35 countries, the conference provided a platform for leading scientists in the field of ruminant reproduction to present their groundbreaking research and advancements. From the intricacies of reproductive biology to cutting-edge reproductive technologies, the conference offered a comprehensive exploration of ruminant reproduction. The exchange of knowledge, collaborative discussions and exposure to state-of-the-art techniques have undoubtedly contributed to the progress of reproductive science in ruminant animals. A total of 186 abstracts were received and a supplement of 33 full papers generated. Sponsorship totalled £63K.

Ruminant Methane Mitigation Conference, Belfast, NI. Held in November 2023, the objective of this one-day conference was to showcase the state-of-the-art scientific knowledge with regard to interventions to reduce methane emissions from cattle and sheep, with specific focus on diet and breeding. Sponsorship totaled £3K plus in-kind support from AFBI/Queen's University Belfast/University of Reading. The event was attended by 130. Speaker summaries were compiled into a booklet.

Sustainable forages for net-zero in livestock production, held in December 2022, the event addressed issues around growing and using forage crops that can reduce livestock's greenhouse gas emissions.

Women in Ag Science Webinar, held in November 2023 as the first of a two-part series, this member-only webinar attracted 60 delegates, male and female. The panellists, representing women working in both academia and industry, gave amazing open and honest presentations about their careers and the personal issues they face or have faced on their career journeys. The following discussions were open and frank reflecting how the panellists experiences can help others in the sector.



Events –2024

Key Objectives:

- To deliver a successful annual conference bringing together BSAS members and others across industry and academia in order to disseminate knowledge and facilitate collaboration
- To increase awareness of BSAS to build influence for animal scientists, increase membership and build relationships with associated specialists (such as vets)
- Attendance fees and sponsorship ensure an operating surplus, making a substantial contribution to the overhead running costs of the Society

Kim Matthews , AHDB
Chair, Organising Committee



BSAS Dairy Nutrition Conference 2024

The production and consumption of milk from dairy cattle is of foundational importance in all societies, providing essential nutrients, many of which are lacking in diets globally.

The pressures on today's milk production systems are financial, environmental and societal. Feed is the main input cost per litre of milk and dairy cow nutrition is pivotal in sustainable dairy operations. The effect of improved feed efficiency and longevity on reducing the environmental impact of livestock systems is well-documented. To that end, increasing feed efficiency whilst concurrently reducing disease incidence has to be a priority in modern dairy systems. The conference will showcase the latest recommended practice in feeding the dairy cow. Here, science will underpin applied nutrition throughout the production cycle, from calf to heifer to cow. Global experts, including Dr Dave Davies, Professor David Kenny and Professor Liam Sinclair, will share their science and evidence-based knowledge to help advance dairy cow nutrition knowledge.

BSAS 2024: Almost as soon as we finished unpacking from the excellent conference in Brimingham in 2023, a new organising committee was formed to start planning for BSAS 2024 in Belfast - **The Role of Livestock in our Ecosystems and Economy**. The committee comprises some new members and some who enjoyed working together so much they have continued.

We have met several times, and we are shaping another fantastic programme, with invited speakers addressing the conference theme in the President's sessions and over 150 submitted abstracts. A great team of reviewers has been assembled so that no one person has too long a list of abstracts to review.



Publications

Key Objectives:

- Create and implement an engagement strategy that promotes the current animal family of journals to members and those involved in animal science, as well as develop the journals to meet future publishing vision.
- Publish, monthly, a variety of blogs and articles related to animal family of journals that are pertinent, informative and interesting
- Look at developing additional, income generating, animal science publications and the development potential of animal –science proceedings

The publications group created an activity plan for the Society's journals the essence of which is to increase the visibility, understanding and awareness of the services offered by the animal family of journals. We will do this through encouraging members and non-members to publish their research in animal and animal-open space and inviting conference organisers to publish proceedings in animal-science proceedings. The aim is to entice non-members to join BSAS so they can benefit from the APC member discount.

We want our members to own and support the journal, recognising the contribution that it makes to our Society both academically and financially.

We need to increase the number of high-quality articles submitted to animal family of journals, specifically those from BSAS members and as part of the activities grow the number of organisations / conferences that use animal – science proceedings to publish abstracts. The journal continues to improve both in its impact factor and in the turn-around time to publication, we need to continue to improve and ensure that our journals add value to BSAS Membership.



Nick Wheelhouse, Edinburgh Napier University
Chair, Publications

IMPACT FACTOR

3.73

CATEGORY:

Agriculture, Dairy and Animal Science
Rank **8** out of **62**

CATEGORY:

Veterinary Science
Rank **10** out of **144**



PUBLICATIONS

Membership & Accreditation

Key Objectives:

- Raise awareness, engage and sustain existing membership, attract new members
- BSAS membership to be recognised as a 'badge of credibility' in the animal science sector
- Grow accreditation register and on-going CPD initiatives
- Generation of income through value-added membership and accreditation activities

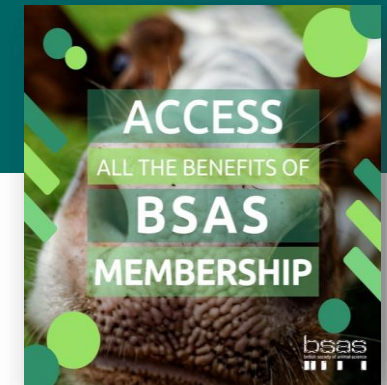
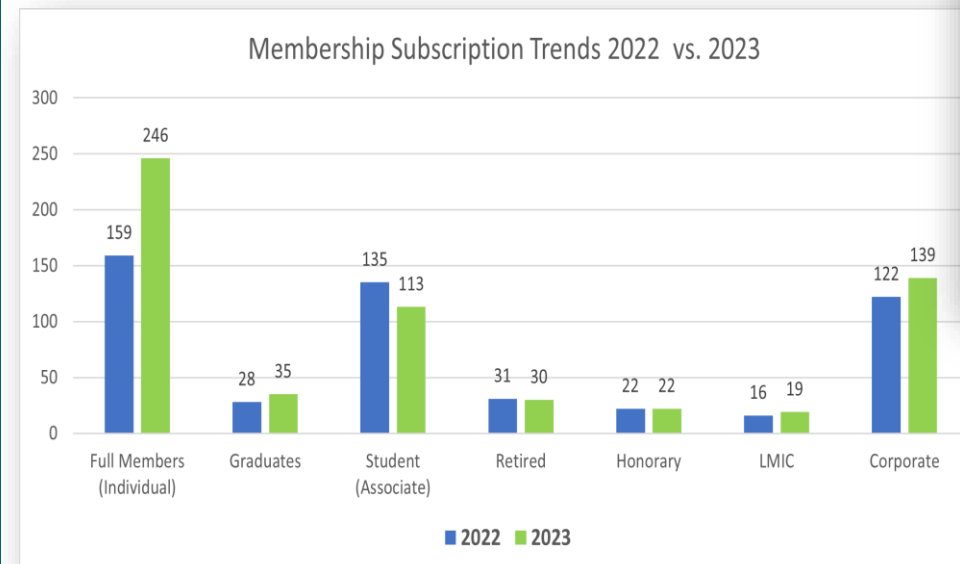


Sokratis Stergiadis , University of Reading
Chair, Membership & Accreditation

In October 2023, EGM members voted to increase membership fees to ensure the continued sustainability of our organisation and to enable us to continue to provide members with valuable benefits and services. The new membership fees took effect as of 01 December 2023; corporate discount levels remain unchanged. Register fees were also introduced to support the administration and development of the scheme.

A number of documents have been reviewed and updated during the year, including the BSAS Membership Booklet and the BSAS: About Us presentation. Individual and Corporate Member benefits have been evaluated and updated to better meet our member's needs.

Campaigns have been carried out to support the BSAS strategic direction within the UK and Ireland; to increase membership in the Republic of Ireland, and to encourage lapsed members to rejoin the Society. The Freshers / Refreshers campaigns encouraged undergraduate membership and were successful in recruiting new members and Student Ambassadors from both home and abroad.



Membership & Accreditation: Corporate

We believe in the power of collaboration and shared knowledge to drive advancements in animal science. Our Corporate Membership programme is designed to foster partnerships between industry leaders, researchers and professionals dedicated to the advancement and sustainable development of the animal science sector.

A huge thank you to our valued 2022/23 Corporate members:



Membership & Accreditation: Republic of Ireland

As discussed at the AGM in 2022 trustees are pursuing a closer relationship with those based in the Republic of Ireland. Traditionally, there has been much collaboration, however, we believe that there are mutual holistic benefits to amalgamation that include working with BSAS to shape the future of animal science with a shared voice within the UK, Europe and globally. Individually members benefit from discounted conference and occasional meeting registration and other member offers.

BSAS currently provides free application for members to our register, promoting accreditation and recognition of achievement from student to expert levels. For those in the first or early stages of their career involvement with BSAS Undergraduate and Early Career Councils have shown real benefit. Within the UK we value closer relations with colleagues in the ROI and the advantages of wider membership.

For the ROI animal science and associated sectors we see benefit in bringing together colleagues to support, encourage and grow the sector and its future sustainability. In the first instance general conversations with those working in the British and Irish sectors to attain feedback has been initiated and meetings held or to be held to discuss, with individual organisations and institutions the benefits of a more formal arrangement.



David Kenny, Teagasc
Chair, ROI Membership



THE 11th INTERNATIONAL RUMINANT
REPRODUCTION SYMPOSIUM

28th May - 1st June  Galway, Ireland



MEMBERSHIP

Global

Key Objectives:

- Like-minded Society partner membership and collaboration, including lobbying and project partnership for information dissemination
- Creation and development of global events, including training, speakers exchange and international session(s) at BSAS annual conference
- International links and collaboration, via BSAS ECC, with a similar Society or organisation's early career council



Jordana Rivero-Viera, Rothamsted Research
Chair, BSAS Global

This year, The Australasian Pig Science Association (APSA) and the Australian Association of Animal Sciences (AAAS) have renewed their membership. We thank them for their continued support. APSA published their conference proceedings in the animal suite of publications.

We are currently in conversations with other like-minded societies in Asia, Europe and South America to explore the possibility of BSAS Global Membership.

We held a Global session, supported by AAAS and ASPA at the 2023 BSAS Annual Conference. The presentations discussed the 'Impact of Climate Change', providing the session audience an insight into the issues faced in Australia and the lessons learnt that can be used to support the livestock sector internationally.

Next year, we aim to increase the number of like-minded societies as part of the Alliance and the activities between members. We also aim to consolidate the Project Dissemination initiative, aimed at BSAS being a leader in dissemination of animal science knowledge in the UK and internationally. Through a proactive approach, BSAS will raise global awareness and understanding of animal science and its value, ensuring that research and knowledge transfer has a practical and beneficial application.

We are delighted with a new collaboration with the University of Life Sciences King Mihai from Timisoara, Romania. The partnership will enable both organisations to formally engage in discussions and dialogue on key global issues related to animal science.

The collaboration will encompass a wide range of initiatives, including participation on the global platform at the BSAS annual conference to identify, present and discuss recent scientific, regulatory developments in animal science. These efforts aim to facilitate the exchange of innovative ideas, best practice, and breakthroughs in animal science, contributing to the development of sustainable solutions to address the world's evolving challenges in agriculture, animal welfare, and food security.



APSA
Australasian Pig
Science Association



Sponsorship & Awards

Key Objectives:

- Develop a committee representing the membership with new terms of reference and challenging targets
- Through sponsorship support the delivery of a range of BSAS events in 2023-2024 and into 2024-2025
- Engage with stakeholders to develop refreshed sponsorship and awards packages
- Raise awareness of existing BSAS awards
- Review available awards to ensure relevance

Sponsorship reflective of the needs of BSAS current and future stakeholders is critical to the sustainability of the Society. We continue to seek the views of our members whilst we develop refreshed sponsorship and awards packages.

We are currently forming a new sponsorship and awards committee, setting challenging sponsorship income targets and rebuilding our offering to potential sponsors.

We have been very successful in obtaining significant funding for several events in 2023/24 with much focus now on the BSAS Annual Conference in April 2024.

A huge thank you to those that have sponsored our 2023 events.



Steven Morrison, AFBI

Chair, Sponsorship & Awards Committee



Sponsorship & Awards

Many thanks to the
'Award' sponsors:

ASDA

AHDB



ADISSEO
A Bluestar Company



KEPAK



AWARD	SPONSORED BY	2023 RECIPIENT	TITLE
Best Poster Award	ASDA	Kirsty Farnan University of Nottingham	Effect of dietary digestible undegradable protein and amino acid concentration on the growth and development of post-pubertal dairy heifers
Developing Talent Award	AHDB	Louise Jackson University of Liverpool	Survival of <i>Streptococcus dysgalactiae</i> on different bedding materials found on UK sheep farms and calcium oxide (lime powder) as an effective disinfectant
Feed Industry Innovation Award	AB Vista, Adisseo, ED&F Man, KW Feeds, Mole Valley Farmers, NWF Agriculture	Agalu Zeleke Queen's University Belfast	Impact of dietary crude protein concentration in dairy cow diets on nitrogen use efficiency and relationships with residual feed intake
Industry Prize	Kepak	James Cullen South-East Technological University	Optimising liquid feeding system hygiene to improve the microbiological quality of liquid feed for grow-finisher pigs
President's Prize	Dunbia	Sophie Mahendran Royal Veterinary College	A comparison of the health and behaviour of individual and pair housing in dairy calves
Undergraduate Theis of the Year		Emily Hancock University of Nottingham	Effect of oregano oil on milk yield, methane emissions and feed efficiency of dairy
Steve Bishop Award 2022/2023 (2 prizes awarded)	Innovate UK KTN	Claire Reigate Aberystwyth University	Measuring methane and sustainability indicators in pasture-based systems
		Francesca Pells Johansen Queen's University Belfast, and Conor Barry Norwegian University of Life Sciences (NMBU)	Investigation of priority systems in European automatic milking system herds



Early Career Council

Key Objectives:

- To provide a platform for early career animal scientists in both academia and industry to engage fellow animal scientists with BSAS and to get involved in BSAS activities
- To provide wider opportunities for networking and skill development whilst boosting the profile and benefits of BSAS



Paul Smith, Teagasc
Chair, Early Career Council

2023 was another busy year for the Early Career Council (ECC), with the committee composed of over 20 members from both industry and academic institutions. Members of the ECC are involved in a variety of other BSAS committees providing input and insight from an early career perspective to the activities that BSAS undertake, including the annual conference.

The ECC and its members were involved in the 2023 annual conference on a number of fronts. Representatives from the ECC played a key role as deputy chairs and technical helpers. At the Developing Talents Session sponsored by AHDB, ECC members Eric Newton, Annie Williams and Katie Dubarry chaired and co-chaired sessions. David Wilde of Massey Harper Feeds was a guest speaker at the ECC “Navigating career options in animal science” workshop, and gave an excellent overview of his career in the animal feed industry. The session, which included a panel discussion with members of the ECC, was a great success and well attended. Finally, as part of the annual conference, a “Prof in the Pub” networking session and quiz also took place.



July was another busy month for the ECC. The ever-popular R Stats course, led by Dr Davina Hill, recommenced and was oversubscribed as per usual. A big thank you to Dr Hill for providing her expertise as part of this course. In addition, Paul Smith (chair) and Lucy Ross (deputy chair) took over from Oliver Ashton and Katie Dubarry as chair and deputy chair of the ECC. The ECC would like to thank Oliver and Katie for all their hard work as chairs of the committee!

Our members also write monthly “Fledgling Bytes” succinctly summarising the winners and highly commended entrants of the Thesis of the Year Award, which can be viewed [HERE](#). Similarly our members write monthly “Animal Bytes”, which summarise a recent paper from the animal journal or provide a review of a current topic from the area of animal science available [HERE](#).

Looking forward, 2024 is set to be another busy year for the ECC. New initiatives, such as on-line workshops focused on presentation skills, a journal club and CV/interview preparations are in the pipeline.

We are always happy to hear from graduates within three years of completing their full-time education and current postgraduate students interested in joining the ECC.



EARLY CAREERS

Communication & Collaboration

Key Objectives:

- Development of a robust communication plan that engages a wide animal science audience including academia, industry, sector influencers and policy makers
- Broaden the reach of the Society at home and globally by partnering and collaborating with related organisations and events to share digital platforms, information and research
- Be a leading Society, valued as a key influencer and opinionator that shares knowledge and experience, challenging mis-conceptions, creating channels of communication that draw out desired and valued content

Digital Media

Twitter continues to perform well. We now have a total of 3,729 followers and are generating 24.2k tweet impressions per month.

Facebook remains a strong platform attracting an increased reach of 57.9%. Content interactions are up by 121.2%. We have 3K FB followers. Instagram attracted an increased reach of 18.6%.

LinkedIn continues to perform well across metrics. As of November 2023, we have 3,158 followers, with ~27.5% of followers from higher education and research service backgrounds. 122,000 impressions have been generated over the year.

The BSAS website has attracted 13k unique visitors, with events driving the most traffic.

Newsletters & Mailing

Forty-four email campaigns have been issued to our 6,268 subscribed email recipients across the UK, Netherlands, Ireland the US. Our open rate is an impressive 45%.

Over the last year, BSAS has prioritised the implementation of the communications plan and to drive new membership. Our communications were tailored to relevant audiences. This has resulted in increased member engagement across our communications platforms.

Our increased reach has allowed us to communicate on topics of matter, drive attendees to events and attract ambassadors (recruited from the Freshers / Refreshers campaign). We received 12 high-calibre candidate applications for the new trustee positions, thus reinforcing that our messages are reaching the right people.



Communication & Collaboration

During 2022/23 BSAS has collaborated with:



APSA
Australasian Pig
Science Association



**STAPLEDON
MEMORIAL TRUST**



British
Grassland
Society



**THE
NUTRITION
SOCIETY**
Advancing Nutritional Science



AAAS
AUSTRALIAN ASSOCIATION OF
ANIMAL SCIENCES



INRAE



animal



Royal Society of
Biology



Biotechnology and
Biological Sciences
Research Council



EAAP
European Federation
of Animal Science



InnovateUK
KTN



Our thanks go out to all those who have partnered with us over the past year.

Finance & Governance

Key Objectives:

- To review and monitor expenditure, overseeing and ensuring good governance of BSAS finances whilst managing risk and creating financial resilience for BSAS
- To review, oversee and ensure the policies and procedures of BSAS are applicable, up to date and support the operations and governance of BSAS
- To review and oversee income generation, projects and ideas, in the short, medium and long term to optimize sustainable revenue and BSAS's impact on the sector

We continue to focus on income-generating projects whilst also enhancing the reputation of the Society.

The Ruminant Methane Mitigation event, held in November 2023, showcasing that we can, working with partners, such as AFBI and QUB, produce low cost and excellent events that add value to the activities of BSAS. We continue to monitor our investments in which has been a challenging year for the markets.

We continue to work towards the position where we fund the society's activities from its annual income and preserve the investments for future generations of animal scientists, or use them for strategic projects. In this year due, to issues with cash-flow (now resolved), we drew down c£8K of the cash generated via our investments.

Our dedicated team continues to engage actively on the board of our Society journal "animal" and, while it continues to do well, we have still to rebuild the income to the levels we have been used to and we are increasingly realising these levels may not be achieved. BSAS maintains an up-to-date Policy & Procedure Manual, with a schedule for review of the individual policies in place. All policies and procedures were reviewed as required in 2023 and all are accessible via our website.

Diarmuid Moloney,
Teagasc
Chair, Finance



Finance & Governance

Investment Policy and Reserves

It is the policy of BSAS to maintain funds at a level of least one year's expenditure. At the year end the Society had unrestricted reserves of £475,266 (2022: £469,988) and meets the aims of the charity as set out above.

This has been a better year for investments with our portfolio increasing in value from £373,450 to £380,421 after previous losses. The decision taken 2 years ago to adopt a higher risk strategy with a greater reliance on equities has also resulted in an improved cash income which the society can decide to reinvest or withdraw to help cash flow. The increase in value has continued into the current year.

Operating Performance

Our medium-term aim is to achieve a balance in operating activities and then to move to generating a modest surplus that will allow us to invest in initiatives. The performance in 2022/23 was a considerable improvement over the previous year despite financial challenges, principally inflation. The operating loss was reduced by 30 % to £42,373 and this was further reduced by an investment gain of £14,179 to provide a net loss of £28,195.

This loss was mainly associated with below expected income, from the annual meeting of the Society, virtual tickets combined with the high costs of providing a hybrid (in person and virtual) conference. Other events created surpluses which together with animal journal and membership income aided the overall position. Expenditures have been closely controlled and were close to budget. We expect the financial position to further improve in 2023/24 with operating performance at zero or close to zero in the next 3 years and we expect modest gains in investment value and income to further improve the position.



Cled Thomas
Treasurer



BSAS Trustees

President:	Elizabeth Magowan (AFBI)
Senior Vice-President:	David Kenny (Teagasc)
Vice-President:	Helen Warren (Alltech)
Past President:	Kim Matthews (AHDB)
Trustees:	Gareth Arnott (Queen's University Belfast) Lisa Collins (University of Surrey) Callum Harvey (Agrimin) Diarmuid Moloney (Teagasc) Steven Morrison (AFBI) Jordana Rivero-Viera (Rothamsted Research) Paul Smith (Teagasc) Sokratis Stergiadis (University of Reading) Nick Wheelhouse (Edinburgh Napier University) David Wilde (Massey Feeds)



CHARITY REGISTRATION NUMBER: SC050710

British Society of Animal Science SCIO
Unaudited Financial Statements
30 November 2023

18 North Street, Glenrothes, Fife KY7 5NA 01592 610388
8 Mitchell Street, Leven, Fife KY8 4HJ 01333 425250
www.patersonboyd.com



PATERSON BOYD & CO
CHARTERED CERTIFIED ACCOUNTANTS

British Society of Animal Science SCIO

Financial Statements

Year ended 30 November 2023

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British Society of Animal Science SCIO

Trustees' Annual Report

Year ended 30 November 2023

The trustees present their report and the unaudited financial statements of the charity for the year ended 30 November 2023.

Reference and administrative details

Registered charity name	British Society of Animal Science SCIO	
Charity registration number	SC050710	
Principal office	18 North Street Glenrothes Fife KY7 5NA	
The trustees	Prof Elizabeth Magowan Mr Kim Matthews Prof David Kenny Dr Helen Warren Prof Michael Lee Mr David Wilde Mr Callum Harvey Dr Sokratis Stergiadis Dr Jordano Rivero-Viera Prof Eileen Wall Dr Paul Smith Mr Diarmuid Moloney Dr Gareth Arnott Dr Nick Wheelhouse Prof Lisa Collins Dr Steven Morrison Mr Mike Addelman	President Past President Snr Vice President Jnr Vice President (Resigned 29 March 2023) (Resigned 29 March 2023) (Appointed 29 March 2023) (Appointed 29 March 2023) (Appointed 29 March 2023) (Appointed 29 March 2023) (Appointed 29 March 2023) (Served from 29 March 2023 to 16 June 2023)
Chief Executive	Ms Maggie Mitchell	
Honorary Treasurer	Dr Cledwyn Thomas	
Bank	Royal Bank of Scotland 36 St Andrew Square Edinburgh EH2 2YB	
Independent examiner	Neil Paterson Paterson Boyd & Co 18 North Street Glenrothes Fife KY7 5NA	

British Society of Animal Science SCIO

Trustees' Annual Report *(continued)*

Year ended 30 November 2023

Structure, governance and management

British Society of Animal Science SCIO was registered as an incorporated charity from 1 June 2021.

Constitution and objects

The Society has a Memorandum and Articles of Association formally set out and available for consultation via the members area of the website.

Organisation

The board of trustees of the Society is an elected body, with new members being elected at each Annual General Meeting to serve for four years. Candidates for President, Senior Vice-President, Vice-President, Chief Executive and Honorary Treasurer are proposed by trustees for election at the Annual General Meeting. Members of the board holding office during the year ended 30 November 2022 are as stated on page 1.

The CEO of the Society is chosen by the Trustees following an open recruitment process and ratified by the members at the AGM.

The Trustees meet at least every three months in virtual meetings and, post-pandemic, at least once a year in person, in order to discuss strategic and operational matters relating to the Society.

A number of Committees carry out work in furtherance of the charity's objectives, and report directly to the Board of Trustees. These key committees are led by a Trustee. The Finance, Governance and Income Generation Committee is responsible for oversight of all governance and financial planning and activities.

Newly appointed Trustees are provided with a copy of the governing document, a copy of the financial statements, recent minutes of meetings and handbooks of governance and codes of practice. In addition, a verbal briefing is given by the President and the Honorary Treasurer. They are also provided with the following documents issued by OSCR: Guidance and Good Practice for Charity Trustees; Who's in Charge: Control and Independence in Scottish Charities; and also with additional independent information on Trustee boards. On an ongoing basis, confirmation is obtained that Trustees understand their responsibilities through discussion in person at Trustee meetings and by conference calls.

Key Management Personnel

The Trustees and the Chief Executive are deemed to be the charity's key management personnel. The Trustees are not remunerated for their services.

British Society of Animal Science SCIO

Trustees' Annual Report *(continued)*

Year ended 30 November 2023

Structure, governance and management *(continued)*

Risk Management

The board of Trustees has assessed the major risks to which the Society is exposed, in particular those related to the operations and finances of the Society and are satisfied that systems are in place to mitigate our exposure to the major risks.

Objectives and activities

The British Society of Animal Science SCIO was formally constituted as a Scottish Charitable Incorporated Organisation on 1 June 2021 in order to:

- Provide opportunities for those interested in and concerned with the science relating to animals and its application to meet and exchange information, ideas and experiences.
- Encourage the investigation of problems and matters pertaining to the science related to animals and its application.
- Collect and publish information about the science relating to animals and its application; to print and publish any periodicals, books and leaflets which the Society may think desirable.
- Stimulate the incorporation into practice of advances resulting from research, experimental work and practical experience.
- Co-operate with any other organisation in furthering any of the objects of the Society.
- Do all such things as may be incidental or conducive to the attainment of the above objects or any of them.

Achievements and performance

Activities carried out in the year included:

- Successful annual meeting delivered as a both in-person and hybrid event as BSAS 2023.
- Successful International Ruminant Reproduction Symposium 2023 delivered as an in-person event.
- Successful Methane Mitigation Conference 2023 delivered as an in-person event.
- Publication of animal family of journals in partnership with INRAE and EAAP - animal has an Impact Factor of 3.730 (2020 - 3.240), ranking 8/63 in the Agriculture, Dairy & Animal Science category (previously 9/63) and 10/144 in the Veterinary Science Category (previously 15/146).
- Grew and developed BSAS communications content and reach

The Society continues to run on a tight budget. BSAS changed our support functions provider during the year showing further reduction in administrative expenditure. Income generation activities are key to secure the future of the Society.

The impact of moving our journal, Animal, from a subscription model to an open access format is still with us, clearly shown in the reduced publications income. However, we believe that there is light at the end of the tunnel and that we have again achieved the minimum target for published papers.

British Society of Animal Science SCIO

Trustees' Annual Report *(continued)*

Year ended 30 November 2023

Financial review

The net loss was due to an operational loss due to reduced income mainly because of below budget results from the annual meeting. Expenditures met the budget.

Reserves Policy

Unrestricted funds represent the general funds that the charity is free to use in accordance with the Society's charitable objectives. It is the policy of the charity to maintain unrestricted funds at a level that equates to a minimum of approximately one year's unrestricted income. This provides sufficient funds to cover management and administration costs and to respond to any emergencies that may arise from time to time. Unrestricted funds were maintained at or above this level throughout the year.

At the year end the Society had unrestricted reserves of £475,266 (2022: £469,988), which includes designated reserves of £nil (2022: £4,500). At the year end the restricted reserves were £nil (2022: £33,473).

The charity confirms that, in their opinion, the assets of the Society are available and adequate to fulfil its obligations.

Investment Policy

In accordance with the constitution of the charity, the Trustees have the power to invest in shares, bonds and other investments as they see fit. This has been a better year for investments with our investment portfolio increasing in value from £373,450 to £380,421.

The treasurer and chief executive met with the BSAS investment managers, Brooks Macdonald twice in the year. It was agreed by trustees not to move investment management at this stage but to continue to maintain a constant review of performance.

Plans for future periods

In the coming years, the Society will:

- Focus on income and impact related activities to enhance the resilience of the society in the longer term.
- Continue to drive down expenditure through improved efficiency.
- Continue its structure, governance procedures and constitution, particularly in relation to financial procedures.
- Continue to consult with stakeholders and members to promote an animal science agenda to a wide audience.
- Organise or assist with the organisation of animal science conferences in the UK and overseas.
- Support the management of the Animal Consortium (part ownership).
- Deliver activities specifically aimed at supporting the development of early career scientists.
- Develop new activities to meet the needs and aspirations of current and future members.

British Society of Animal Science SCIO

Trustees' Annual Report *(continued)*

Year ended 30 November 2023

Plans for future periods *(continued)*

Trustees' responsibilities statement

The Trustees are responsible for preparing the trustees' report and the financial statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

The law requires the charity trustees to prepare financial statements for each year which give a true and fair view of the state of affairs of the charity and of the incoming resources and application of resources, including the income and expenditure, for that period.

In preparing these financial statements, the trustees are required to:

- select suitable accounting policies and then apply them consistently;
- observe the methods and principles in the applicable Charities SORP;
- make judgements and accounting estimates that are reasonable and prudent;
- state whether applicable UK Accounting Standards have been followed, subject to any material departures disclosed and explained in the financial statements;
- prepare the accounts on the going concern basis unless it is inappropriate to presume that the charity will continue to operate.

The trustees are responsible for keeping adequate accounting records that are sufficient to show and explain the charity's transactions and disclose with reasonable accuracy at any time the financial position of the charity and enable them to ensure that the financial statements comply with the Charities and Trustees Investments (Scotland) Act 2005, the Charity Accounts (Scotland) Regulations 2006, and the terms of the charity's constitution. They are also responsible for safeguarding the assets of the charity and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

The trustees' annual report was approved on 08 March 2024 and signed on behalf of the board of trustees by:

Prof Elizabeth Magowan

Prof Elizabeth Magowan
BSAS President

British Society of Animal Science SCIO

Independent Examiner's Report to the Trustees of British Society of Animal Science SCIO

(continued)

Year ended 30 November 2023

I report to the trustees on my examination of the financial statements of British Society of Animal Science SCIO ('the charity') for the year ended 30 November 2023.

Responsibilities and basis of report

As the trustees of the charity you are responsible for the preparation of the financial statements in accordance with the requirements of the Charities and Trustee Investment (Scotland) Act 2005 (the '2005 Act') and the Charities Accounts (Scotland) Regulations 2006 (as amended). You are satisfied that your charity is not required by charity law to be audited and have chosen instead to have an independent examination.

I report in respect of my examination of the charity's financial statements as carried out under section 44(1)(c) of the 2005 Act. In carrying out my examination I have followed the requirements of Regulation 11 of the Charities Accounts (Scotland) Regulations 2006 (as amended).

Independent examiner's statement

Since the charity has prepared its accounts on an accruals basis your examiner must be a member of a body listed in Regulation 11(2) of the Charities Accounts (Scotland) Regulations 2006 (as amended). I can confirm that I am qualified to undertake the examination because I am a registered member of ICAS which is one of the listed bodies.

I have completed my examination. I confirm that no matters have come to my attention giving me cause to believe that in any material respect:

1. accounting records were not kept as required by section 44(1)(a) of the 2005 Act and Regulation 4 of the Charities Accounts (Scotland) Regulations 2006 (as amended); or
2. the financial statements do not accord with those records; or
3. the financial statements do not comply with the accounting requirements of Regulation 8 of the Charities Accounts (Scotland) Regulations 2006 (as amended).

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

Neil Paterson

Neil Paterson
Independent Examiner

Paterson Boyd & Co
18 North Street
Glenrothes
Fife
KY7 5NA

08 March 2024

British Society of Animal Science SCIO

Statement of Financial Activities

Year ended 30 November 2023

			2023		2022
	Note	Unrestricted funds £	Restricted funds £	Total funds £	Total funds £
Income and endowments					
Donations and legacies	4	35,076	–	35,076	43,897
Charitable activities	5	368,029	–	368,029	173,078
Investment income	6	7,214	–	7,214	5,041
Total income		<u>410,319</u>	<u>–</u>	<u>410,319</u>	<u>222,016</u>
Expenditure					
Expenditure on raising funds:					
Costs of raising donations and legacies	7	2,300	–	2,300	1,488
Expenditure on charitable activities	8,9	450,392	–	450,392	280,839
Total expenditure		<u>452,692</u>	<u>–</u>	<u>452,692</u>	<u>282,327</u>
Loss on Activities		(42,373)	–	(42,373)	(60,311)
Net gains/(losses) on investments	12	14,178	–	14,178	(27,312)
Net expenditure and net movement in funds		<u>(28,195)</u>	<u>–</u>	<u>(28,195)</u>	<u>(87,623)</u>
Reconciliation of funds					
Total funds brought forward		469,988	33,473	503,461	591,084
Total funds carried forward		<u>441,793</u>	<u>33,473</u>	<u>475,266</u>	<u>503,461</u>

The statement of financial activities includes all gains and losses recognised in the year. All income and expenditure derive from continuing activities.

The notes on pages 9 to 21 form part of these financial statements.

British Society of Animal Science SCIO

Statement of Financial Position

30 November 2023

	Note	2023 £	2022 £
Fixed assets			
Investments	18	387,053	373,450
Current assets			
Debtors	19	71,620	137,701
Cash at bank and in hand		58,923	83,700
		<u>130,543</u>	<u>221,401</u>
Creditors: amounts falling due within one year	20	42,330	91,390
Net current assets		<u>88,213</u>	<u>130,011</u>
Total assets less current liabilities		<u>475,266</u>	<u>503,461</u>
Net assets		<u>475,266</u>	<u>503,461</u>
Funds of the charity			
Restricted funds		—	33,473
Unrestricted funds		475,266	469,988
Total charity funds	23	<u>475,266</u>	<u>503,461</u>

These financial statements were approved by the board of trustees and authorised for issue on 08 March 2024, and are signed on behalf of the board by:

Dr Cledwyn Thomas

Dr Cledwyn Thomas
Honorary Treasurer

The notes on pages 9 to 21 form part of these financial statements.

British Society of Animal Science SCIO

Notes to the Financial Statements

Year ended 30 November 2023

1. General information

The charity is a public benefit entity and a registered charity in Scotland and is unincorporated. The address of the principal office is 18 North Street, Glenrothes, Fife, KY7 5NA.

2. Statement of compliance

These financial statements have been prepared in compliance with FRS 102, 'The Financial Reporting Standard applicable in the UK and the Republic of Ireland', the Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) (Charities SORP (FRS 102)) and the Charities and Trustee Investment (Scotland) Act 2005 and the Charity Accounts (Scotland) Regulations 2006 (as amended).

3. Accounting policies

Basis of preparation

The financial statements have been prepared on the historical cost basis of accounting with the exception of investments which are carried at market value. The financial statements are prepared in sterling, which is the functional currency of the entity.

Going concern

The financial statements have been prepared on a going concern basis. The Council members and Trustees have assessed the charity's ability to continue as a going concern and have reasonable expectation that the charity has adequate resources to continue in operational existence for the foreseeable future. Thus they continue to adopt the going concern basis of accounting in preparing these financial statements.

Disclosure exemptions

The entity satisfies the criteria of being a qualifying entity as defined in FRS 102. Its financial statements are consolidated into the financial statements of (enter name of group financial statements) which can be obtained from (enter detail). As such, advantage has been taken of the following disclosure exemptions available under paragraph 1.12 of FRS 102:

- (a) No cash flow statement has been presented for the charity.
- (b) Disclosures in respect of financial instruments have not been presented.

Judgements and key sources of estimation uncertainty

The preparation of the financial statements requires management to make judgements, estimates and assumptions that affect the amounts reported. These estimates and judgements are continually reviewed and are based on experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances.

British Society of Animal Science SCIO

Notes to the Financial Statements *(continued)*

Year ended 30 November 2023

3. Accounting policies *(continued)*

Foreign currencies

Foreign currency transactions are initially recorded in the functional currency, by applying the spot exchange rate as at the date of the transaction. Monetary assets and liabilities denominated in foreign currencies are translated at the exchange rate ruling at the reporting date, with any gains or losses being taken to the statement of financial activities.

Fund accounting

Unrestricted funds are available for use at the discretion of the trustees to further any of the charity's purposes.

Designated funds are unrestricted funds earmarked by the trustees for particular future project or commitment.

Restricted funds are subjected to restrictions on their expenditure declared by the donor or through the terms of an appeal, and fall into one of two sub-classes: restricted income funds or endowment funds.

Incoming resources

All income is included in the statement of financial activities when entitlement has passed to the charity, it is probable that the economic benefits associated with the transaction will flow to the charity and the amount can be reliably measured. The following specific policies are applied to particular categories of income:

- income from donations or grants is recognised when there is evidence of entitlement to the gift, receipt is probable and its amount can be measured reliably.
- legacy income is recognised when receipt is probable and entitlement is established.
- Interest receivable is included upon notification of the interest paid or payable by the bank.
- Dividends are recognised once the dividend has been declared and notification has been received of the dividend due.

Resources expended

Expenditure is recognised on an accruals basis as a liability is incurred and is classified under headings of the statement of financial activities to which it relates:

- expenditure on raising funds includes the costs of all fundraising activities, events, non-charitable trading activities, and the sale of donated goods.

British Society of Animal Science SCIO

Notes to the Financial Statements *(continued)*

Year ended 30 November 2023

3. Accounting policies *(continued)*

Resources expended *(continued)*

- expenditure on charitable activities includes all costs incurred by a charity in undertaking activities that further its charitable aims for the benefit of its beneficiaries, including those support costs and costs relating to the governance of the charity apportioned to charitable activities.

- other expenditure includes all expenditure that is neither related to raising funds for the charity nor part of its expenditure on charitable activities.

All costs are allocated to expenditure categories reflecting the use of the resource. Direct costs attributable to a single activity are allocated directly to that activity. Shared costs are apportioned between the activities they contribute to on a reasonable, justifiable and consistent basis.

Tangible assets

Tangible assets are initially recorded at cost, and subsequently stated at cost less any accumulated depreciation and impairment losses. Any tangible assets carried at revalued amounts are recorded at the fair value at the date of revaluation less any subsequent accumulated depreciation and subsequent accumulated impairment losses.

An increase in the carrying amount of an asset as a result of a revaluation, is recognised in other recognised gains and losses, unless it reverses a charge for impairment that has previously been recognised as expenditure within the statement of financial activities. A decrease in the carrying amount of an asset as a result of revaluation, is recognised in other recognised gains and losses, except to which it offsets any previous revaluation gain, in which case the loss is shown within other recognised gains and losses on the statement of financial activities.

Depreciation

Depreciation is calculated so as to write off the cost or valuation of an asset, less its residual value, over the useful economic life of that asset as follows:

Fixtures and fittings - 33% straight line

Investments

Investments are included in the financial statements at market value. Realised and unrealised gains or losses are reflected within the Statement of Financial Activities when they arise. Investments are valued at middle market prices. Unrealised gains and losses are calculated as the difference between the opening market value on the first day of the financial year and the closing market value at the year end. Gains and losses are allocated to the appropriate fund (restricted or unrestricted) based on what fund holds the investment.

British Society of Animal Science SCIO

Notes to the Financial Statements *(continued)*

Year ended 30 November 2023

3. Accounting policies *(continued)*

Impairment of fixed assets

A review for indicators of impairment is carried out at each reporting date, with the recoverable amount being estimated where such indicators exist. Where the carrying value exceeds the recoverable amount, the asset is impaired accordingly. Prior impairments are also reviewed for possible reversal at each reporting date. For the purposes of impairment testing, when it is not possible to estimate the recoverable amount of an individual asset, an estimate is made of the recoverable amount of the cash-generating unit to which the asset belongs. The cash-generating unit is the smallest identifiable group of assets that includes the asset and generates cash inflows that largely independent of the cash inflows from other assets or groups of assets.

Financial instruments

A financial asset or a financial liability is recognised only when the entity becomes a party to the contractual provisions of the instrument.

Basic financial instruments are initially recognised at the amount receivable or payable including any related transaction costs, unless the arrangement constitutes a financing transaction, where it is recognised at the present value of the future payments discounted at a market rate of interest for a similar debt instrument.

Current assets and current liabilities are subsequently measured at the cash or other consideration expected to be paid or received and not discounted.

Debt instruments are subsequently measured at amortised cost.

Where investments in shares or preference shares are publicly traded or their fair value can otherwise be measured reliably, the investment is subsequently measured at fair value with changes in fair value recognised in income and expenditure. All other such investments are subsequently measured at cost less impairment.

Financial assets that are measured at cost or amortised cost are reviewed for objective evidence of impairment at the end of each reporting date. If there is objective evidence of impairment, an impairment loss is recognised under the appropriate heading in the statement of financial activities in which the initial gain was recognised.

For all equity instruments regardless of significance, and other financial assets that are individually significant, these are assessed individually for impairment. Other financial assets are either assessed individually or grouped on the basis of similar credit risk characteristics.

Any reversals of impairment are recognised immediately, to the extent that the reversal does not result in a carrying amount of the financial asset that exceeds what the carrying amount would have been had the impairment not previously been recognised.

British Society of Animal Science SCIO

Notes to the Financial Statements *(continued)*

Year ended 30 November 2023

3. Accounting policies *(continued)*

Defined contribution plans

Contributions to defined contribution plans are recognised as an expense in the period in which the related service is provided.

Grants awarded

All grants awarded during the year were awarded to individuals rather than institutions and are accounted for on the accruals basis.

4. Donations and legacies

	Unrestricted Funds £	Total Funds 2023 £	Unrestricted Funds £	Total Funds 2022 £
Donations				
Donations	454	454	502	502
Subscriptions	34,332	34,332	33,827	33,827
Miscellaneous Income	290	290	9,568	9,568
	<u>35,076</u>	<u>35,076</u>	<u>43,897</u>	<u>43,897</u>

5. Charitable activities

	Unrestricted Funds £	Total Funds 2023 £	Unrestricted Funds £	Total Funds 2022 £
Income from publications	45,248	45,248	54,235	54,235
Income from conferences	322,781	322,781	118,843	118,843
	<u>368,029</u>	<u>368,029</u>	<u>173,078</u>	<u>173,078</u>

British Society of Animal Science SCIO

Notes to the Financial Statements *(continued)*

Year ended 30 November 2023

6. Investment income

	Unrestricted Funds	Total Funds 2023	Unrestricted Funds	Total Funds 2022
	£	£	£	£
Income from other investments	238	238	—	—
Bank interest receivable	195	195	89	89
Dividends receivable	6,781	6,781	4,952	4,952
	<u>7,214</u>	<u>7,214</u>	<u>5,041</u>	<u>5,041</u>

7. Costs of raising donations and legacies

	Unrestricted Funds	Total Funds 2023	Unrestricted Funds	Total Funds 2022
	£	£	£	£
Raising funds	<u>2,300</u>	<u>2,300</u>	<u>1,488</u>	<u>1,488</u>

8. Expenditure on charitable activities by fund type

	Unrestricted Funds	Total Funds 2023	Unrestricted Funds	Total Funds 2022
	£	£	£	£
Charitable activities	303,067	303,067	93,180	93,180
Support costs	147,325	147,325	187,659	187,659
	<u>450,392</u>	<u>450,392</u>	<u>280,839</u>	<u>280,839</u>

9. Expenditure on charitable activities by activity type

	Activities undertaken directly	Support costs	Total funds 2023	Total fund 2022
	£	£	£	£
Charitable activities	303,067	132,523	435,590	277,407
Governance costs	—	14,802	14,802	3,432
	<u>303,067</u>	<u>147,325</u>	<u>450,392</u>	<u>280,839</u>

British Society of Animal Science SCIO

Notes to the Financial Statements *(continued)*

Year ended 30 November 2023

10. Analysis of support costs

	Total 2023	Total 2022
	£	£
Staff costs	60,668	56,971
Communications and IT	4,557	12,240
General office	7,814	3,561
Finance costs	(55)	684
Governance costs	14,802	3,432
Professional fees	21,390	86,130
Other costs	38,149	24,641
	<u>147,325</u>	<u>187,659</u>

11. Analysis of grants

	2023	2022
	£	£
Grants to individuals		
President's Prize	—	200
Hammond Memorial Award	—	500
Other Awards	—	2,450
	<u>—</u>	<u>3,150</u>
Total grants	<u>—</u>	<u>3,150</u>

12. Net gains/(losses) on investments

	Unrestricted Funds £	Total Funds 2023 £	Unrestricted Funds £	Total Funds 2022 £
Gains/(losses) on other investment assets	<u>14,178</u>	<u>14,178</u>	<u>(27,312)</u>	<u>(27,312)</u>

13. Net expenditure

Net expenditure is stated after charging/(crediting):

	2023	2022
	£	£
Operating lease rentals	—	1,125
Foreign exchange differences	<u>3,815</u>	<u>158</u>

British Society of Animal Science SCIO

Notes to the Financial Statements *(continued)*

Year ended 30 November 2023

14. Independent examination fees

	2023	2022
	£	£
Fees payable to the independent examiner for:		
Independent examination of the financial statements	2,100	2,028
Other assurance services	12,702	1,404
	<u>14,802</u>	<u>3,432</u>

15. Staff costs

The total staff costs and employee benefits for the reporting period are analysed as follows:

	2023	2022
	£	£
Wages and salaries	56,493	53,401
Employer contributions to pension plans	4,175	3,570
	<u>60,668</u>	<u>56,971</u>

The average head count of employees during the year was 1 (2022: 1).

No employee received employee benefits of more than £60,000 during the year (2022: Nil).

Key Management Personnel

The key management personnel of the charity comprises of the Trustees and the Chief Executive. The total employee benefits of the key management personnel of the charity during the year were £60,668 (2022: £56,973).

16. Trustee remuneration and expenses

Trustees were reimbursed travel and subsistence expenses totalling £nil (2021: £nil).

The Chief Executive was reimbursed travel and subsistence expenses totalling £nil (2021: £nil).

British Society of Animal Science SCIO

Notes to the Financial Statements *(continued)*

Year ended 30 November 2023

17. Tangible fixed assets

	Fixtures and fittings £
Cost	
At 1 December 2022	7,584
Disposals	(7,584)
At 30 November 2023	<u>–</u>
Depreciation	
At 1 December 2022	7,584
Disposals	(7,584)
At 30 November 2023	<u>–</u>
Carrying amount	
At 30 November 2023	<u>–</u>
At 30 November 2022	<u>–</u>

18. Investments

	Cash or cash equivalents £	Other investments £	Total £
Cost or valuation			
At 1 December 2022	–	373,450	373,450
Additions	6,632	–	6,632
Disposals	–	(5,000)	(5,000)
Fair value movements	–	14,177	14,177
Transfers	–	(2,206)	(2,206)
At 30 November 2023	<u>6,632</u>	<u>380,421</u>	<u>387,053</u>
Impairment			
At 1 December 2022 and 30 November 2023		<u>–</u>	<u>–</u>
Carrying amount			
At 30 November 2023	<u>6,632</u>	<u>380,421</u>	<u>387,053</u>
At 30 November 2022	<u>–</u>	<u>373,450</u>	<u>373,450</u>

All investments shown above are held at valuation.

British Society of Animal Science SCIO

Notes to the Financial Statements *(continued)*

Year ended 30 November 2023

19. Debtors

	2023	2022
	£	£
Trade debtors	50,542	38,258
Amounts owed by undertakings in which the charity has a participating interest	–	38,628
Prepayments and accrued income	18,653	60,815
Other debtors	2,425	–
	<u>71,620</u>	<u>137,701</u>

20. Creditors: amounts falling due within one year

	2023	2022
	£	£
Trade creditors	6,978	22,049
Accruals and deferred income	35,352	66,814
Social security and other taxes	–	2,527
	<u>42,330</u>	<u>91,390</u>

21. Deferred income

	2023	2022
	£	£
At 1 December 2022	50,249	–
Amount released to income	(50,249)	–
Amount deferred in year	20,250	50,249
At 30 November 2023	<u>20,250</u>	<u>50,249</u>

Deferred income represent income relating to events taking place after the year end.

22. Pensions and other post retirement benefits

Defined contribution plans

The amount recognised in income or expenditure as an expense in relation to defined contribution plans was £4,175 (2022: £3,570).

British Society of Animal Science SCIO

Notes to the Financial Statements *(continued)*

Year ended 30 November 2023

23. Analysis of charitable funds

Unrestricted funds

	At 1 Dec 22	Income	Expenditure	Transfers	Gains and losses	At 30 Nov 23
	£	£	£	£	£	£
General funds	465,488	410,319	(452,692)	37,973	14,178	475,266
Alan Robertson Genetics funds	4,500	–	–	(4,500)	–	–
	<u>469,988</u>	<u>410,319</u>	<u>(452,692)</u>	<u>33,473</u>	<u>14,178</u>	<u>475,266</u>

	At 1 Dec 21	Income	Expenditure	Transfers	Gains and losses	At 30 Nov 22
	£	£	£	£	£	£
General funds	553,111	222,016	(282,327)	–	(27,312)	465,488
Alan Robertson Genetics funds	4,500	–	–	–	–	4,500
	<u>557,611</u>	<u>222,016</u>	<u>(282,327)</u>	<u>–</u>	<u>(27,312)</u>	<u>469,988</u>

British Society of Animal Science SCIO

Notes to the Financial Statements *(continued)*

Year ended 30 November 2023

23. Analysis of charitable funds *(continued)*

Restricted funds

	At 1 Dec 22	Income	Expenditure	Transfers	Gains and losses	At 30 Nov 23
	£	£	£	£	£	£
Alan Robertson Genetics fund	26,065	—	—	(26,065)	—	—
Mike Steele Award	3,855	—	—	(3,855)	—	—
Kevin Shingfield Award	2,053	—	—	(2,053)	—	—
Christopher Wathes Award	1,500	—	—	(1,500)	—	—
	<u>33,473</u>	<u>—</u>	<u>—</u>	<u>(33,473)</u>	<u>—</u>	<u>—</u>

	At 1 Dec 21	Income	Expenditure	Transfers	Gains and losses	At 30 Nov 22
	£	£	£	£	£	£
Alan Robertson Genetics fund	26,065	—	—	—	—	26,065
Mike Steele Award	3,855	—	—	—	—	3,855
Kevin Shingfield Award	2,053	—	—	—	—	2,053
Christopher Wathes Award	1,500	—	—	—	—	1,500
	<u>33,473</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>33,473</u>

British Society of Animal Science SCIO

Notes to the Financial Statements *(continued)*

Year ended 30 November 2023

24. Analysis of net assets between funds

	Unrestricted Funds £	Restricted Funds £	Total Funds 2023 £
Investments	380,421	—	380,421
Current assets	137,175	—	137,175
Creditors less than 1 year	(42,330)	—	(42,330)
Net assets	<u>475,266</u>	<u>—</u>	<u>475,266</u>

	Unrestricted Funds £	Restricted Funds £	Total Funds 2022 £
Investments	373,450	—	373,450
Current assets	187,928	33,473	221,401
Creditors less than 1 year	(91,390)	—	(91,390)
Net assets	<u>469,988</u>	<u>33,473</u>	<u>503,461</u>

British Society of Animal Science SCIO

Management Information

Year ended 30 November 2023

The following pages do not form part of the financial statements.

British Society of Animal Science SCIO

Detailed Statement of Financial Activities

Year ended 30 November 2023

	2023 £	2022 £
Income and endowments		
Donations and legacies		
Donations	454	502
Subscriptions	34,332	33,827
Miscellaneous Income	290	9,568
	<u>35,076</u>	<u>43,897</u>
 Charitable activities		
Income from publications	45,248	54,235
Income from conferences	322,781	118,843
	<u>368,029</u>	<u>173,078</u>
 Investment income		
Income from other investments	238	–
Bank interest receivable	195	89
Dividends receivable	6,781	4,952
	<u>7,214</u>	<u>5,041</u>
 Total income	<u><u>410,319</u></u>	<u><u>222,016</u></u>

British Society of Animal Science SCIO

Detailed Statement of Financial Activities *(continued)*

Year ended 30 November 2023

	2023 £	2022 £
Expenditure		
Costs of raising donations and legacies		
Expenditure on charitable activities		
Grants payable	(2,159)	3,161
Wages/salaries	56,493	53,401
Pension costs	4,175	3,570
Expenditure on publications	–	1,125
Conference expenditure	305,226	88,894
Repairs & maintenance	155	–
Insurance	2,185	3,452
Cjam management fees	21,390	76,920
Recruitment expenses	5,474	–
PR and press	35,891	18,226
Subscriptions to other societies	8,241	5,834
Foreign exchange gain/loss	3,815	158
Honorarium	3,000	3,000
Printing and stationery	–	109
Postages and telephone	–	1,382
Travelling and committee expenses	2,004	855
Bank charges and interest	(55)	684
Internet upkeep and management	4,557	10,858
	–	9,210
	<u>450,392</u>	<u>280,839</u>
Total expenditure	<u>452,692</u>	<u>282,327</u>
Net gains/(losses) on investments		
Gains/(losses) on other investment assets	14,178	(27,312)
	<u>(28,195)</u>	<u>(87,623)</u>
Net expenditure		

British Society of Animal Science SCIO

Notes to the Detailed Statement of Financial Activities

Year ended 30 November 2023

	2023 £	2022 £
Costs of raising donations and legacies		
Raising funds		
Investment management costs	2,300	1,488
	<u>2,300</u>	<u>1,488</u>
Costs of raising donations and legacies	<u>2,300</u>	<u>1,488</u>
Expenditure on charitable activities		
Charitable activities		
<i>Activities undertaken directly</i>		
Grants payable	(2,159)	3,161
Expenditure on publications	–	1,125
Conference expenditure	305,226	88,894
	<u>303,067</u>	<u>93,180</u>
Support costs		
Wages/salaries	56,493	53,401
Pension costs	4,175	3,570
Repairs & maintenance	155	–
Insurance	2,185	3,452
Management and administration fees	21,390	76,920
Admin support	5,474	–
PR and press	21,089	14,794
Subscriptions to other societies	8,241	5,834
Foreign exchange gain/loss	3,815	158
Honorarium	3,000	3,000
Printing and stationery	–	109
Postage and telephone	–	1,382
Travelling and committee expenses	2,004	855
Bank charges and interest	(55)	684
Internet upkeep and management	4,557	10,858
Professional fees	–	9,210
	<u>132,523</u>	<u>184,227</u>
Governance costs		
Governance costs - accountancy fees	14,802	3,432
	<u>14,802</u>	<u>3,432</u>
Expenditure on charitable activities	<u>450,392</u>	<u>280,839</u>

Election of Office Bearers - Short Biographies

David Kenny, Teagasc - BSAS President

Professor David Kenny is Head of the Teagasc Animal and Bioscience Research Department. He has over twenty years of research experience in the biological control of a range of economically important traits to ruminant livestock production systems, including growth and reproductive efficiency, ruminal methanogenesis and the development and functionality of the rumen microbiome. His work is based on in-depth study and the application of state-of-the-art physiological and molecular approaches to these complex, multidimensional traits. He has led a number of large multi-partner research projects and has supervised the studies of 18 Ph.D. and nine M.Sc. students to completion, as principal supervisor. His research has resulted in the publication of in excess of 190 full length internationally peer reviewed scientific manuscripts and book chapters to-date, as well as many industry targeted technical reports. He is the president of the Physiology Study Commission of the European Association of Animal Production, is a Vice-President of the British Society of Animal Science (BSAS), and is a member of the management board of the international scientific journal, *Animal*. He was awarded the prestigious Hammond award by BSAS in 2018 in recognition of outstanding contribution to an improved understanding of how nutrition affects the complex underlying biology regulating economically important traits in cattle, including feed efficiency, rumen methane emissions and male and female reproduction.

He runs a beef and sheep farm in County Mayo, in the west of Ireland and is integrally involved and is well known within the beef cattle sector in Ireland.

Nicholas Jonsson, University of Glasgow - BSAS Vice-President

Nicholas Jonsson is Professor of Animal Health and Production in the School of Biodiversity, One Health and Veterinary Medicine, at the University of Glasgow. He graduated as a veterinary surgeon from the University of Sydney, Australia, in 1987 and worked as a mixed veterinary practitioner in rural New South Wales for 7 years, including a period as practice owner. In 1995 he commenced a PhD in bovine reproduction at the University of Queensland, and he was subsequently employed by the Queensland Government as a researcher in dairy science, before taking academic positions at the University of Glasgow and then again University of Queensland. He returned to Glasgow in 2009, where he assumed his current role as Professor of Animal Health and Production. Professor Jonsson is the Director of Innovation, Engagement and Enterprise for his School, and his teaching, consultancy and research interests are in animal management, with emphasis on systems for efficient cattle production. The main strands of his research are ruminant gut function and pathology, the use of sensor technologies to optimize ruminant health and production, the genetics of adaptation in cattle, and sustainable strategies for parasite management.

David Elliott, Lanyon Communications - Trustee

David has a life-long passion for agriculture, he grew up on a mixed farm in Northern Ireland rearing free range pigs, suckler cows and a range of poultry. He now manages the farm in collaboration with his brother and parents focusing on rearing free-range turkeys, geese, chickens and ducks for processing and distribution on farm. David completed a BSc Hons degree in Agriculture at Newcastle Upon Tyne University and has worked closely with Devenish, W&R Barnett and other animal feed companies on corporate communication.

Starting his career in the agri-food sector, David moved to London to work for Dow Jones Newswires for eight years, progressing to news editor for energy market, contributing daily to the Wall Street Journal and appearing regularly on financial news channel CNBC. After moving back to Northern Ireland, David worked as Group Business Editor at The Belfast Telegraph and editor of Ulster Business magazine, while also presenting twice-daily business news slots for Downtown Radio and Cool FM and as a freelance contributor to publications ranging from BBC to The Wall Street Journal. David is Senior Client Director with Lanyon Communications.