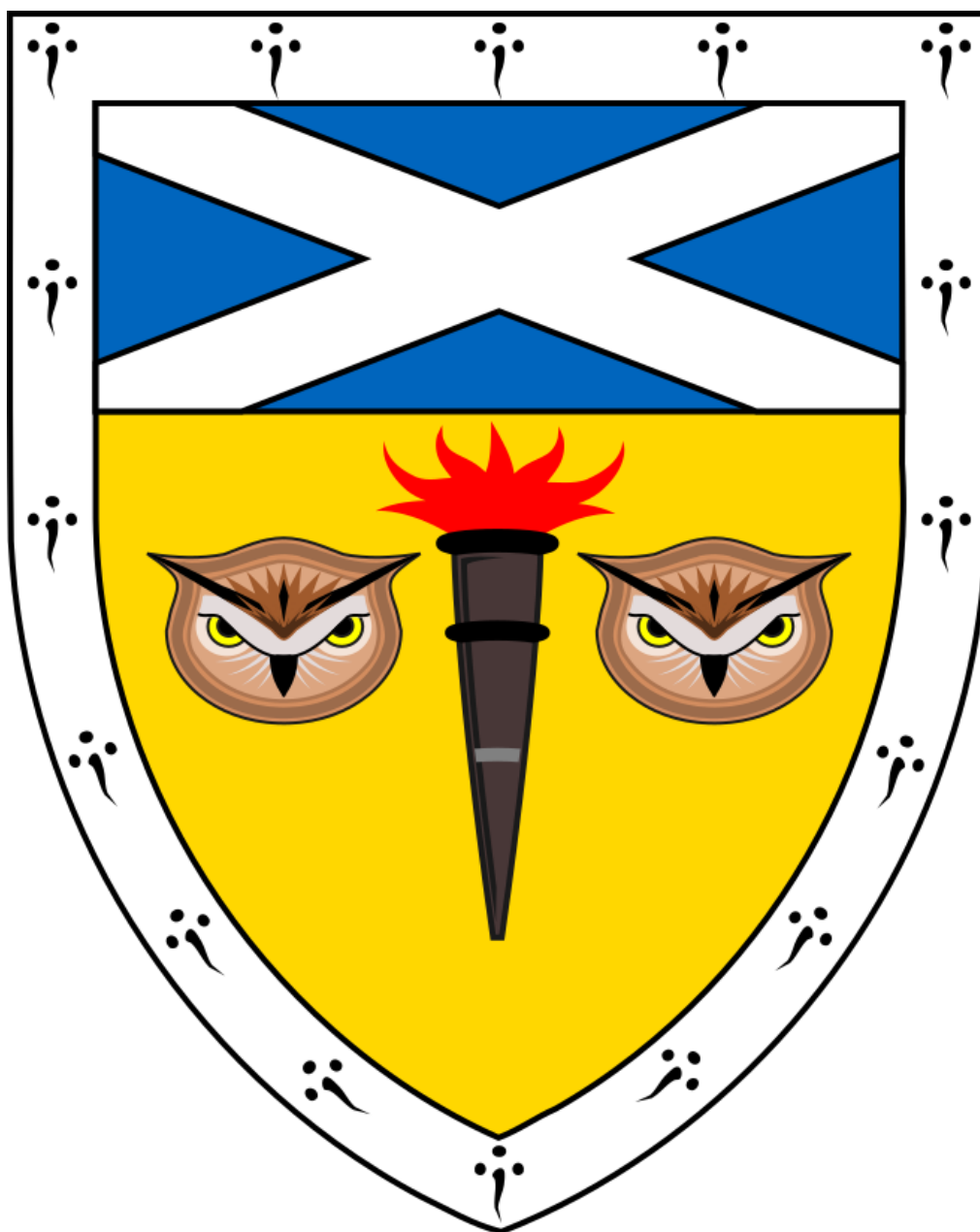


The Royal Scottish Society of Arts

Showcasing Scotland's Science, Technology and Innovation

**Report of Council for the period
1st September 2019 to 31st August 2020**

199th Session



Patron: Her Majesty the Queen

Established 1821 - Incorporated by Royal Charter 1841

Registered Scottish Charity SC015549

The Royal Scottish Society of Arts

Showcasing Scotland's Science, Technology and Innovation

Report of Council for 1st September 2019 to 31st August 2020

Charity name	The Royal Scottish Society of Arts		
Registered charity number	SC015549		
Charity's principal address	23 Queen's Crescent		
	Edinburgh		
		Postcode EH9 2BB	
	Email: secretary@rssa.org.uk	Website: https://www.rssa.org.uk/	

Names of the charity trustees on date of approval of Trustees' Annual Report

	Trustee name	Office (if any)	Dates acted if not for whole year	Name of person (or body) entitled to appoint trustee (if any)
1	Dr Alison Morrison-Low	President		AGM
2	Professor James Floyd	Vice-President		AGM
3	Brigadier Joseph d'Inverno	Vice-President		AGM
4	Professor Stuart K Monro	Immediate Past President		Ex Officio
5	Dr Beverly Bergman			AGM
6	Mr Stuart Brown			AGM
7	Mr John Lovell			AGM
8	Dr Carol Marsh			AGM
9	Professor Ian Robson			AGM
10	Mr Neil Short			AGM
11	Mr Peter Jones	Secretary		Trustees
12	Mr Graham Rule	Treasurer		Trustees
13	Brigadier Ian Gardiner	Programme Secretary		Trustees

Names of all other charity trustees during the period, if any, (for example, those who resigned part way through the financial period)

Name	Dates acted if not for whole year
Mr Michael Laver	

The shield shown on the front page is from the Society's full 'coat of arms' as described by the Lord Lyon King of Arms: "Or, between two eagle owls heads affrontée proper a torch Sable paleways enflamed Gules, on a chief Azure a saltire Argent, all within a bordure Ermine". The shield has a white border with black marks representing ermine fur. The upper part has a white (or silver) diagonal cross on a blue background. Below that the main body of the shield is yellow (or gold) with two forward-facing eagle owl heads on either side of an upright black torch with red flames. The Society commissioned the local illustrator Sandy Mackenzie <sandiloquent@gmail.com> to create the computer file based on the description and original painting from the Lord Lyon.

Structure, governance and management

The Society was incorporated by Royal Charter on 16th August 1841 and, subject to that charter, is governed by Laws, last altered on 24th June 2013.

The affairs of the Society are managed by a Council (the Charity's Trustees) consisting of: the President, the immediate Past President (if willing), two Vice-Presidents, up to seven Councillors, the Secretary, the Treasurer, and additional Officers as determined by Council. The President, Vice-Presidents and Councillors are elected by the membership at the Annual General Meeting. The immediate Past President holds office ex-officio.

The Secretary, Treasurer, and additional Officers (currently the Programme Secretary, the Webmaster, and the Archivist) are appointed by the Council.

Fellows of the Society are encouraged to put their names forward for election to the Council at the Annual General Meeting.

Objectives and activities

The objects of the Society are the advancement of the Useful Arts in Scotland and the encouragement of Invention which these days is taken to be concerned with Science and Technology.

The Society holds seven or eight lecture meetings each year, all of which are open to the public with the objective of promoting public engagement in Science, Technology and Innovation. The Society also organises, for the Fellows, visits to interesting technological places of special scientific interest each year.

The Society annually awards a prize and medal to the best student in the SQC Higher Engineering Science and Advanced Higher Engineering Science examinations.

The Society desires to expand its activities and is actively pursuing means of engaging with schools, colleges, and universities.

Achievements and performance

There were to be seven lectures in our session, the first given by Professor George Barakos, Professor of Aerospace Sciences, University of Glasgow. Entitled 'A New Beginning in Aerospace', Professor Barakos looked forward to the electrification of flight that is now making an impact in all aspects of flying vehicles. This will allow the democratization of flight by opening the gates to personal aerial transportation. He forecast low-cost, autonomous, electric flying machines, providing an additional dimension to our mobility options. These same vehicles will be used to explore remote planets scanning the horizon for a new home for humankind.

Our second speaker, Professor Jason Love of EaStCHEM School of Chemistry at the University of Edinburgh, delivered an enlightening talk on 'Mining the Scrapheap', which was about trying to provide a circular economy that is both environmentally benign and societally beneficial from redundant electronic items that use rarely-found elements from the periodic table.

Our third absorbing presentation came from Dr Cat Hobaiter, Lecturer in Origins of Mind at the University of St Andrews, on 'Gestural Origins: exploring the evolutionary origins of human language through great ape gesture'. This looked at the somewhat problematic history of human research into our close relatives, and what is currently being done and what this tells us about ourselves.

Subsequently we heard from Professor David Manlove, of the School of Computing Science, University of Glasgow, on the increasingly relevant subject of 'Designing algorithms for matching markets in healthcare'. He described algorithms developed at the University of Glasgow used by the

NHS to solve two healthcare-related matching problems: the annual assignment of junior doctors to specific Scottish hospitals, and finding “kidney exchanges” between kidney patients and their incompatible donors in the UK.

Our final conventional presentation came from Simon Milne, MBE, Regius Keeper of the Royal Botanic Garden, Edinburgh, on ‘Around the Botanics in 350 Years’, a fascinating stroll through the history and scientific accomplishments of a dearly-loved public Edinburgh landmark, enjoyed by over a million visitors a year.

Sadly, due to the COVID-19 pandemic our sixth and seventh speakers were obliged to cancel their much-anticipated presentations. These were Professor Catherine Heymans, Professor of Astrophysics at the University of Edinburgh and Director of the German Centre for Cosmological Lensing, Ruhr Universitat Bochum, who was to speak about ‘The dark side of the Universe’, and Professor J. Murray Roberts, Head of Changing Oceans Research Group, School of GeoSciences at the University of Edinburgh, who was to give us a glimpse into ‘Understanding deep Atlantic ecosystems’. We hope very much that these last two presenters will be able to come to deliver their lectures at a future date. (At the time of writing this report Professor Catherine Heymans had given her lecture to us at a meeting held by Zoom and Professor J.Murray Roberts had agreed to speak during our 2021-2022 session.)

The Society's AGM was held on 29th June 2020 and was our first meeting online. Use of the Zoom platform proved successful and the Council are investigating its use for lecture meetings whether held entirely online or to allow remote participation when we return to meeting face to face.

On Thursday 19 September a group of Fellows and their guests made their way in the autumn sunshine to the National Museum of Flight at East Fortune. We were given a warm welcome by the museum staff. We were shown various areas of the historic airfield – which had been home to the R.34, the airship that had made the first east-to-west transatlantic flight just over one hundred years before. On 2 July 1919 Airship R.34 departed from East Fortune Airfield, landing on Long Island, New York 108 hours later. Used for military purposes in both World Wars, the site is full of historic reminders in the form of Nissen huts and aircraft hangars – now turned over to displays and storage. We were shown the stored collections of propellers and aircraft engines, as well as the displayed civil and fighting aircraft and associated material, culminating in the astonishing sight of the Concorde G-BOAA, the beautiful bird inside a hangar, dwarfing the people beneath. We were impressed with the enthusiasm of our guides.

The Society has presented awards and medals since its earliest days, back in the 1820s. Our medallist, Kirkwoods, a family firm, moved from their premises in Albany Street and are now to be found – still flourishing – in an industrial unit off Leith Walk. We also, in our efforts to engage with younger people, have presented medals and book tokens to the student with the top marks in the Engineering Science Higher examination, and another to the winner with top marks in the Engineering Science Advanced Higher examination. These awards were presented at the ‘Science and the Parliament’ day, which was held by the Royal Society of Chemistry at Dynamic Earth on 20 November 2019, and the Secretary and the President attended. Held around the theme ‘Sustainability’, the day was informed by presentations from Sheila Rowan, the Chief Scientific Officer for Scotland and Roseanna Cunningham, MSP, Cabinet Secretary for the Environment, Climate Change and Land Reform. It was good to see various MSPs engaging with such topics. Richard Lochhead, MSP, Minister for Higher Education, Further Education and Science presented the prizes to Gilleasbuig Peterson of Dollar Academy for top marks in Engineering Science Higher; and to Timothy Alan Brewis, of Robert Gordon's College, Aberdeen for top marks in the Engineering Science Advanced Higher (last year Timothy Brewis won the prize for top marks in the Engineering Science Higher).

The Council is concerned to ensure that the Society continues to comply with the GDPR – General Data Protection Regulations. As a membership organisation the Society has a duty to hold certain records regarding its Fellows. The Society is required to keep appropriate accounting records, including subscriptions paid. It holds very little about non-Fellows other than correspondence with

speakers and a simple mailing list. Everyone on this mailing list has confirmed that they would like to continue to receive information about the Society's activities.

The Council considers that the Society makes a useful contribution to the advancement of science and technology in Scotland and that the year in question was very successful despite the onset of Covid restrictions towards its end. Engagement with more younger people and increasing attendance at meetings is high on the list of objectives for the future.

Financial review

The Trustees have assessed the major risks to which the charity is exposed, in particular those relating to the operations and finances of the Trust and are satisfied that systems are in place to mitigate their exposure to major risks.

The Council feels that reserves of the order of £100,000 are needed to generate income necessary to pay the expenses of, and to attract, the quality of speaker the Society needs for its lecture series, and to make awards.

Currently the Society has more than this in hand and the Council is actively investigating how to best use the surplus while being mindful of the decline in investment income and interest that these reserves are providing.

The Council continues to plan an extended programme of events celebrating the Society's bicentenary in 2021 and it is expected that this will require significant expenditure.

Details of any deficit: None

Donated facilities and services (if any): None

Other optional information

Historically the Society published journals and proceedings which contain many papers that are relevant to the development of Science and Technology in Scotland and further afield. The Council is looking into how these may be made more generally available and is investigating digitisation with a view to them being maintained on the National Library of Scotland's platform, at no cost to the Society.

The Royal Scottish Society of Arts

Showcasing Scotland's Science, Technology and Innovation

The Royal Scottish Society of Arts was founded in 1821 as 'The Society for the Encouragement of the Useful Arts in Scotland' and incorporated by Royal Charter in 1841. It was concerned with the fields that we would now describe as science, technology, engineering and manufacture, but which were then known as the useful arts, as opposed to the fine arts.

Today the Society aims to showcase Scotland's Science, Technology and Innovation, mainly through a monthly lecture programme, excursions, promotion of Honorary Fellows, and the award of medals.

The lecture programme is given by excellent public speakers, who are distinguished in their fields of study, and the topics cover a wide range of scientific and technical issues, all pertinent to the Scotland in which we live today.

Unless otherwise announced, meetings are at 7pm at the Augustine United Church, 41 George IV Bridge, Edinburgh, EH1 1EL. When possible these are on the last Monday of the month (September to April, but not December). The AGM is usually on the first Monday of June (to avoid the May Bank Holiday). Complimentary tea, coffee and biscuits are served from about 6:40pm onwards before the meetings providing a much valued and appreciated opportunity for networking between the Fellows, guests and visitors. There is a hearing loop in the meeting room and ramped access to the building is available.

Fellowship of the Society is open to all with an interest in science and its place in society who would like to attend our meetings. Fellows of the Society are entitled to use the letters FRSSA after their names. Applications for Fellowship must be supported by at least one Fellow of the Society to whom the applicant is personally known.

More information about applying for Fellowship is available at our meetings. Please introduce yourself to the President, Secretary or one of the members of the Society's Council at a meeting for further details.

Dr Alison Morrison-Low
president@rssa.org.uk

Mr Peter Jones
secretary@rssa.org.uk
23 Queen's Crescent
Edinburgh EH9 2BB

Mr Graham Rule
treasurer@rssa.org.uk

Honorary Fellows

The Society's Rules allow for the election of up to 10 people "*Distinguished in the Science of the Applied Arts*" as Honorary Fellows.

Professor John Brown OBE DSc FInstP FRAS FRSE, Astronomer Royal for Scotland †

Professor Dame Anne Glover DBE FRS FRSE FASM FRSGS

Professor Peter Higgs CH FRS FRSE FInstP, Nobel Laureate

Professor Sir James Hough OBE FRS FRSE FInstP FRAS

Professor Malcolm Longair CBE FRS FRSE

Professor Stephen Salter MBE FRSE

† Professor Brown died suddenly at home in Skye on 16th November 2019. The President sent a letter of condolence to his widow and the Treasurer represented the Society at his funeral.

"A New Beginning in Aerospace"

Professor George N. Barakos Dip.Eng. MAsc PhD FRAeS

**Professor of Aerospace Sciences
University of Glasgow**

On Monday 30th September 2019

The lecture covered recent advances in Aerospace Engineering and focussed on personal flying vehicles. With progress in engineering science, advanced simulation methods, high performance computers and low-cost processors aerospace engineering is entering a new era. A key technology is the electrification of flight that is now making an impact in all aspects of flying vehicles. Mainly though, it allows for the democratization of flight by opening the gates to personal aerial transportation. We are soon to see low-cost, autonomous, electric flying machines on the sky providing an additional dimension to our mobility options. The same vehicles will be used to explore remote planets scanning the horizon for a new home for humankind. Challenges and opportunities associated with personally flying machines will be discussed in detail providing insight in the way forward.



Professor George Barakos obtained his Diploma in Engineering from the National Technical University of Athens on the numerical simulation of turbulent buoyant flows. In 1994 he received a Master from the University of Ottawa, where he worked on finite element methods for non-Newtonian free surface flows. He completed his studies in 1999 after receiving a Ph.D. from the Department of Mechanical Engineering at UMIST, UK, working on the modelling of unsteady turbulent aerodynamic flows. He continued his career at the Department of Mechanical Engineering at Imperial College as a Research Associate, working on turbomachinery flows and high-performance computing at the Rolls-Royce University Technology Centre. He was appointed lecturer at the Aerospace Engineering Department of the University of Glasgow in 2001 and was promoted to Senior Lecturer in 2003. He moved to the University of Liverpool where he was promoted to Reader and the Professor in 2009. Since 2015 he re-joined Glasgow University where he is currently continuing his research.

Prof Barakos is interested in CFD, parallel computing, turbulence modelling, fluid structure interaction and unsteady aerodynamic flows. The main application area of his research is in helicopter aerodynamics and aeromechanics, propellers and wind energy.

Professor Barakos is teaching undergraduate and graduate-level courses on Fluid Mechanics, Computational Fluid Dynamics, Aeroelasticity and Rotorcraft. He is the author of more than 300 scientific papers and a regular contributor to national and international scientific conferences. He serves with the editorial board of 4 academic journals.

<http://www.gla.ac.uk/cfd>

https://www.researchgate.net/profile/George_Barakos2

"Mining the Scrapheap"

Professor Jason Love FRSC

EaStCHEM School of Chemistry
University of Edinburgh



On Monday 28th October 2019

Modern materials, electronics, transport, and health therapies all depend on a myriad of metals from across the periodic table, many of which are precious, listed as critical, or arise from areas of conflict. The separation of these elements from their ores and their recycling from the "urban mine" is therefore becoming increasingly important to provide a circular economy that is environmentally benign and societally beneficial. This lecture provided an overview of the scientific advances in metal recovery and separation from electronic waste, a rapidly expanding and valuable source of metals. A particular focus was on two modern scientific challenges, the chemistry that underpins the recycling of gold, the most valuable metal in your smartphone, and on the separation of the rare-earth elements, one of our most critical resources.

Jason Love undertook his BSc degree and PhD at Salford University, was a Royal Society University Research Fellow at Sussex and Nottingham Universities and is currently Professor of Molecular Inorganic Chemistry at Edinburgh University. He is a co-director of the EPSRC CDT for Critical Resource Catalysis (CRITICAT), a centre which delivers training and research in catalysis across St Andrews, Edinburgh, and Heriot-Watt Universities, and is the chair of the RSC Coordination and Organometallic chemistry Discussion Group (CODG). He was a visiting professor at the Technical University Munich, Germany (2015) and the University of Osaka, Japan (2019-20). He has published 122 peer-reviewed articles and has delivered over 40 invited lectures since 2010, including at New Scientist Live (2018). He has broad interests that span the periodic table, with focus on catalysis, rare-earth element chemistry, and the recovery and recycling of metals from primary and secondary sources.

More about Prof. Love from <https://jasonlovegroup.wordpress.com/>

"Gestural Origins: Exploring the evolutionary origins of human language through great ape gesture"

Dr Cat Hobaiter

**Lecturer in Origins of Mind
University of St Andrews**

On Monday 25th November 2019

Language is the most powerful social tool any species has evolved. With it we can describe any idea that comes into our mind and share it with the minds of those around us. But all great apes, including humans, employ rich repertoires of vocalizations, facial expressions, and gestures. Dr Hobaiter discussed recent research on ape gesture, looking at how we can explore meaning in the communication of other species and what this tells us about our own evolutionary journey.



Cat Hobaiter is a lecturer in primate behaviour at the Origins of Mind group in the University of St Andrews in St Andrews, Scotland. She has spent the past 15-years living and working with wild primates across Africa, in particular the chimpanzees of the Budongo Forest. Through long-term field studies she explores what the behaviour of great apes living in their natural environment tells us about their minds, and about the evolutionary origins of our own behaviour.

Read more about Dr Hobaiter's work at www.greatapedictionary.com

"Designing algorithms for matching markets in healthcare"

Professor David Manlove MA PhD FHEA

**Professor of Algorithms and Complexity
School of Computing Science
University of Glasgow**

On Monday 27th January 2020

Algorithms arise in numerous everyday applications - despite major advances in computing technology it remains important that they are as efficient as possible. This talk outlined why it is important to design algorithms that are efficient, and then moved on to describe algorithms developed at the University of Glasgow that have been used by the NHS to solve two healthcare-related matching problems. These correspond to the annual assignment of junior doctors to Scottish hospitals, and finding "kidney exchanges" between kidney patients and their incompatible donors in the UK.

David Manlove is Professor of Algorithms and Complexity at the School of Computing Science, University of Glasgow, where he has been since 1995. He is interested in the design and analysis of efficient algorithms, especially for matching markets. Much of this research has had applications in healthcare settings (e.g., in the assignment of junior doctors to hospitals or kidney patients to donors) and has led to collaborations with the NHS. His book "Algorithmics of Matching Under Preferences" was published in 2013, and he is Chair of the European Network for Collaboration on Kidney Exchange Programmes.

Professor Manlove's website: <http://www.dcs.gla.ac.uk/~davidm>



"Around the Botanic in 350 Years"

Simon Milne MBE

Regius Keeper

Royal Botanic Garden Edinburgh

On Monday 24th February 2020



The Royal Botanic Garden Edinburgh dates back to 1670 when it began as a physic garden near the Palace of Holyroodhouse. 350 years later it is a world leading botanic garden famous for its unique plant collection, innovative and impactful science, extensive education and engagement programmes and delights one million visitors a year. In this lavishly illustrated talk the current Regius Keeper, Simon Milne, shared highlights, lowlights and amusing anecdotes from the "Botanic's" history, provide an insight to the people who have made the Garden what it is, and the critical role of botanic gardens in the modern world.

Simon Milne was appointed the 16th Regius Keeper of the Royal Botanic Garden Edinburgh in February 2014. He was educated at the University of St Andrews and the Royal Naval College Greenwich and in 1976 commissioned into the Royal Marines. In 2000 he became Director of the Sir Harold Hillier Gardens and Arboretum and in 2004 he was appointed Chief Executive of the Scottish Wildlife Trust. Simon is a member of Her Majesty's Body Guard of the Honourable Corps of Gentlemen at Arms, Fellow of the Royal Geographical Society and was appointed MBE in 1996.

<http://www.rbge.org.uk/>

Annual General Meeting

On Monday 29th June 2020

The President, Dr Alison Morrison-Low, was in the Chair for the first meeting of the Society to be held online.

Agenda

1. To record apologies for absence
2. Minutes of the AGM held on Monday 3rd June 2019
3. Annual Report of the Council for the year ended 31st August 2019
4. President's Report
5. Election of Officers
6. A.O.R.B

Following the AGM there was a short talk by Professor J.D Floyd entitled, "The Science and History of Amber".

The Engineering Science Prize (formerly the Technological Studies Prize) and Bronze Medal

The Society has presented awards and medals since its earliest days. More recently it has instituted a prize of a medal and a book token for the best student in the Scottish Qualifications Certificate Higher examination that the Council believe most closely matches the objects of the Society. From 2012 this was the examination in Technological Studies and from 2016 the Engineering Science syllabus. From 2018 an award has also been made for the best student in the Advanced Higher Engineering Science examination. The presentation is made in November at the *Science and the Parliament* event held at Dynamic Earth at which similar awards are made from the Royal Society of Chemistry, the Institute of Physics, and the Royal Society of Biology.

Prizewinners

Technological Studies Prize

2012	Euan Walker	Marr College, Troon
2013	Catriona Sinclair	George Watson's College
2014	Suzie Neave	George Watson's College
2015	Michael Hain	Hutchesons' Grammar School

Engineering Science Prize

2016	Scott Bennie	Bishopbriggs Academy
2017	Agnijo Banerjee	Grove Academy, Dundee
2017	Calum McHugh	Lornshill Academy, Alloa
2017	Hanming Liang	Boroughmuir High School, Edinburgh
2017	Aidan Poon	George Watson's College, Edinburgh
2018	Timothy Brewis	Robert Gordon's College, Aberdeen
2019	Gilleasbuig Peterson	Dollar Academy, Dollar

Engineering Science Advanced Higher

2018	Vasilii Hill	Madras College, St Andrews
2019	Timothy Brewis	Robert Gordon's College, Aberdeen

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)	Graham Norman Rule	
Position (e.g. Chair)	Treasurer	
Date	8th May 2021	

The Royal Scottish Society of Arts

Receipts and payments accounts

For the period from	Period start date			to	Period end date		
	1	September	2019		31	August	2020

Section A Statement of receipts and payments

	Unrestricted funds to nearest £	Restricted funds to nearest £	Expendable endowment funds to nearest £	Permanent endowment funds to nearest £	Total funds current period to nearest £	Total funds last period to nearest £
A1 Receipts						
Donations	155				155	251
Legacies					-	-
Grants					-	-
Receipts from fundraising activities					-	-
Gross trading receipts					-	-
Income from investments other than land and buildings	5,238	0			5,238	5,651
Rents from land & buildings					-	-
Gross receipts from other charitable activities	2,323				2,323	2,054
					-	-
A1 Sub total	7,715	-	-	-	7,715	7,956
A2 Receipts from asset & investment sales						
Proceeds from sale of fixed assets					-	-
Proceeds from sale of investments					-	-
A2 Sub total	-	-	-	-	-	-
Total receipts	7,715	-	-	-	7,715	7,956
A3 Payments						
Expenses for fundraising activities					-	-
Gross trading payments					-	-
Investment management costs					-	-
Payments relating directly to charitable activities	3,010				3,010	4,069
Grants and donations					-	2,800
Governance costs:					-	-
Audit / independent examination	200				200	-
Preparation of annual accounts					-	-
Legal costs					-	-
Other					-	-
					-	-
A3 Sub total	3,210	-	-	-	3,210	6,869
A4 Payments relating to asset and investment movements						
Purchases of fixed assets					-	-
Purchase of investments					-	20,000
A4 Sub total	-	-	-	-	-	20,000
Total payments	3,210	-	-	-	3,210	26,869
Net receipts / (payments)	4,505	-	-	-	4,505	18,913
A5 Transfers to / (from) funds					-	-
Surplus / (deficit) for year	4,505	-	-	-	4,505	18,913

Section B Statement of balances

Categories	Details	Unrestricted funds	Restricted funds	Expendable endowment funds	Permanent endowment funds	Total current period	Total last period
		to nearest £	to nearest £	to nearest £	to nearest £	to nearest £	to nearest £
B1 Cash funds	Cash and bank balances at start of year	7,195	13,607			20,801.23	39,715
	Surplus / (deficit) shown on receipts and payments account	4,505	-			4,505	(18,913)
						-	-
						-	-
	Cash and bank balances at end of year	11,700	13,607	-	-	25,306	20,801
	(Agree balances with receipts and payments account(s))	-	-	-	-	-	-

B2 Investments	Details	Fund to which asset belongs	Market valuation	Market valuation
			to nearest £	to nearest £
	Investec	unrestricted	148,860	148,389
	CCLA	unrestricted	29,633	29,847
		Total	178,493	178,236

B3 Other assets	Details	Fund to which asset belongs	Cost (if available)	Current value (if available)	Last year
			to nearest £	to nearest £	to nearest £
		Total	-	-	-

B4 Liabilities	Details	Fund to which liability relates	Amount due	Last year
			to nearest £	to nearest £
		Total	-	-

B5 Contingent liabilities	Details	Fund to which liability relates	Amount due (estimate)	Last year
			to nearest £	to nearest £
		Total	-	-

Signed by one or two trustees on behalf of all the trustees	Signature	Print Name	Date of approval
		Graham Norman Rule	8th May 2021

Section C Notes to the Accounts

C1 Nature and purpose of funds (may be stated on analysis of funds worksheets)

The Society's unrestricted fund (the majority of the bank account and all of the investments) was worth £190,193. In addition there are a number of small prize funds (restricted) worth £13,607.

	Type of activity or project supported	Individual / institution	Number of grants made	£
C2 Grants				
			Total	-

C3a Trustee remuneration	If no remuneration was paid during the period to any charity trustee or person connected to a trustee cross this box (otherwise complete section 3b)	x
---------------------------------	--	----------

	Authority under which paid	£
C3b Trustee remuneration - details		

C4a Trustee expenses	If no expenses were paid to any charity trustee during the period then cross this box (otherwise complete section 4b)	x
-----------------------------	---	----------

		Number of trustees	£
C4b Trustee expenses - details			

	Nature of relationship	Nature of transaction	Transaction amount (£)	Balance outstanding at period end (£)
C5 Transactions with trustees and connected persons				

C6 Other information	
-----------------------------	--

Additional analysis (1)

Analysis of receipts and payments

1 Donations

	Unrestricted funds	Restricted funds	Expendable endowment funds	Permanent endowment funds	Total current period	Total last period
	to nearest £	to nearest £	to nearest £	to nearest £	to nearest £	to nearest £
Donations	155				155	251
					-	-
					-	-
					-	-
Total	155	-	-	-	155	251
	-	-	-	-	-	-

2 Grants

	Unrestricted funds	Restricted funds	Total current period	Total last period
	to nearest £	to nearest £	to nearest £	to nearest £
			-	
			-	
			-	
			-	
Total	-	-	-	-
	-	-	-	-

3 Gross receipts from other charitable activities

	Unrestricted funds	Restricted funds	Expendable endowment funds	Permanent endowment funds	Total current period	Total last period
	to nearest £	to nearest £	to nearest £	to nearest £	to nearest £	to nearest £
Subscriptions	2,070.00				2,070.00	1,775.00
Gift Aid reclaimed	252.50				252.50	278.52
					-	
					-	
					-	
					-	
					-	
Total	2,322.50	-	-	-	2,322.50	2,053.52
	-	-	-	-	-	-

4 Payments relating directly to charitable activities

	Unrestricted funds	Restricted funds	Expendable endowment funds	Permanent endowment funds	Total current period	Total last period
	to nearest £	to nearest £	to nearest £	to nearest £	to nearest £	to nearest £
Publicity, Website, etc	586.22				586.22	442.40
Meeting Costs	1,405.94				1,405.94	1,759.58
Storage hire	240.00				240.00	240.00
Bank charges	-				-	307.98
Insurance	308.99				308.99	1,079.20
Prize	259.31				259.31	240.00
Excursion costs	210.00				210.00	-
					-	-
					-	-
					-	-
Total	3,010.46	-	-	-	3,010.46	4,069.16
	-	-	-	-	-	-

Independent Examiner's Report to the Trustees of The Royal Scottish Society of Arts

I report on the accounts of the charity for the year ended 31 August 2020 which are set out on pages 1 to 16.

Respective responsibilities of trustees and examiner

The charity's trustees are responsible for the preparation of the accounts in accordance with the terms of the Charities and Trustee Investment (Scotland) Act 2005 and the Charities Accounts (Scotland) Regulations 2006 (as amended). The charity trustees consider that the audit requirement of Regulation 10(1) (d) of the 2006 Accounts Regulations does not apply. It is my responsibility to examine the accounts as required under section 44(1) (c) of the Act and to state whether particular matters have come to my attention.

Basis of independent examiner's statement

My examination is carried out in accordance with Regulation 11 of the 2006 Accounts Regulations. 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 seeks 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 I do not express an audit opinion on the view given by the accounts.

Independent examiner's statement

In the course of my examination, no matter has come to my attention

1. which gives me reasonable cause to believe that in any material respect the requirements:
 - to keep accounting records in accordance with Section 44(1) (a) of the 2005 Act and Regulation 4 of the 2006 Accounts Regulations
 - to prepare accounts which accord with the accounting records and comply with Regulation 9 of the 2006 Accounts Regulations

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.



Name: Thomas Mackay Murray

Relevant Professional qualification/professional body:

Address: 3 Dreghorn Loan, Edinburgh EH13 0DF

Date: 18 May 2021

The Royal Scottish Society of Arts

Showcasing Scotland's Science, Technology and Innovation

199th Session

2019-2020

President

Dr Alison Morrison-Low DPhil FSA FSAScot
president@rssa.org.uk

Vice-Presidents

Brigadier Joseph d'Inverno LLB LLM QVRM TD WS KCHS
Professor James D Floyd BSc MSc PhD CGeol FGS FSAScot OSTJ

Council of the Society

Dr Beverly Bergman MB ChB PhD FFPH FCMI FSAScot
Mr Stuart Brown BEng DMS MSc
Mr Michael Laver BA MA
Mr John Lovell BSc MPhil
Dr Carol Marsh OBE PhD
Professor Stuart Monro OBE DUniv DSc FRSE FGS
Professor Ian Robson BSc PhD FRAS FinstP CPhys
Mr Neil Short BEd MEd MInstP

Secretary

Mr Peter Jones BPharm MSc FRPharmS
secretary@rssa.org.uk
23 Queen's Crescent
Edinburgh
EH9 2BB
Telephone: 0131 622 0428

Treasurer

Mr Graham Rule BA BSc MBCS MIET FRAS FSAScot
treasurer@rssa.org.uk

Programme Secretary

Brigadier Ian Gardiner RM

Excursion Organiser

Mr Peter Jones

Archivist

Vacancy

Webmaster

Mr Graham Rule