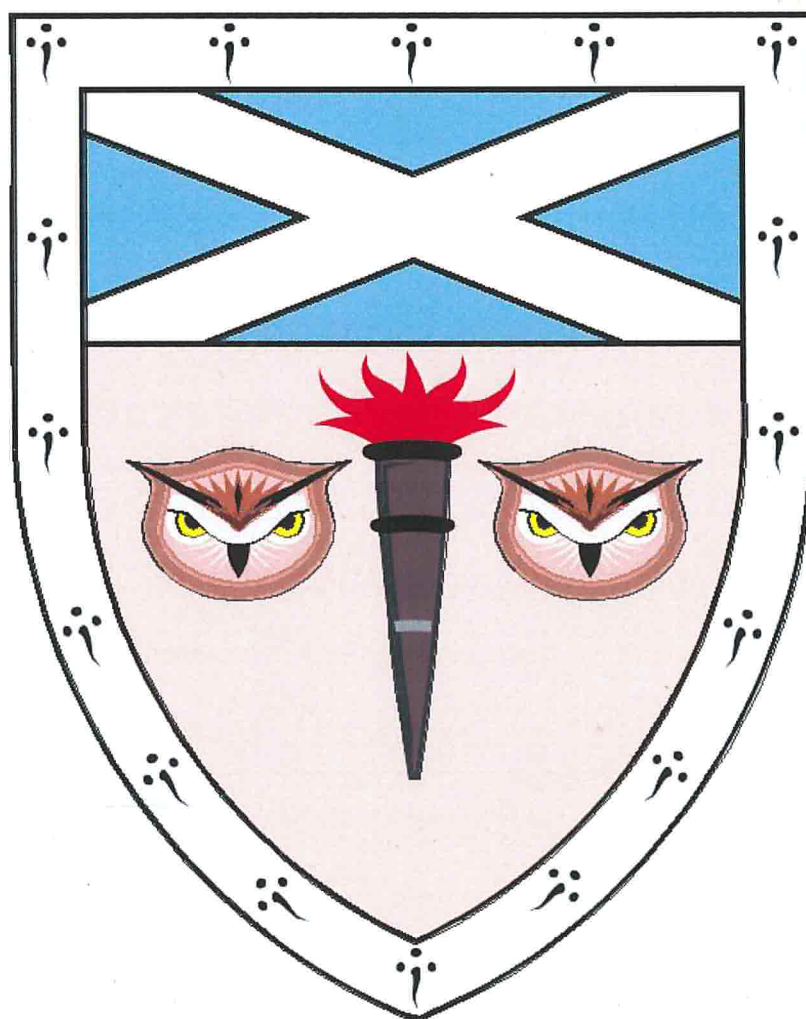


The Royal Scottish Society of Arts

**Showcasing Scotland's Science,
Technology and Innovation**

**Report of Council
1st October 2016 to 30th September 2017**



**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 October 2016 to 30th September 2017

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	From 5th June 2017	AGM
2	Professor James Floyd	Vice-President		AGM
3	Dr Beverly Bergman	Vice-President		AGM
4	Professor Stuart K Monro	Immediate Past President		Ex Officio
5	Mr Stuart Brown		From 5th June 2017	AGM
6	Brigadier Joseph d'Inverno			AGM
7	Mr John Lovell		From 5th June 2017	AGM
8	Professor Ian Robson			AGM
9	Dr Peredur Williams			AGM
10	Mr Peter Jones	Secretary		Trustees
11	Mr Graham Rule	Treasurer		Trustees
12	Brigadier Ian Gardiner	Programme Secretary		Trustees
13	Dr Allen Simpson	Archivist		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
Dr Jane Ridder-Patrick	Up to 5th June 2017
Mr Neil Short	Up to 5th June 2017
Dr Michael Topping	Up to 5th June 2017

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 has recently 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 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 sites each year.

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

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

Achievements and performance

As in previous years, the main activity of the Society was the monthly lectures that are open to the General Public. The talks were all of an extremely high standard, covering a wide range of topics and very appealing to the audiences. A full list of the lectures is shown below.

Fellows of the Society enjoyed three very interesting excursions during the session.

A coach was hired to take Fellows to Grangemouth on 15th June for a visit to INEOS – Grangemouth Refinery and Chemical Production Site. There was a presentation about the site, and the refinery and production activities undertaken by INEOS followed by a tour (on the coach) around the site.

A tour of the Scottish Ambulance Service South East Division Headquarters at Kings Haugh, Peffermill Industrial Estate took place on 20th June. Fellows learned about the nature and scope of activities of the Scottish Ambulance Service and were able to see inside an ambulance and the facilities and equipment available when not a patient or accompanying one!

On 22nd September Fellows were entertained to a light lunch at Heriot-Watt University after which there was a tour to see a variety of different robots and robotics labs at the university,

including the new Robotarium building - an experimental space for humans and robots to interact in.

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 SQC Higher examination that the Council believe most closely matches the objects of the Society. Scott Bennie of Bishopbriggs Academy was presented with a prize for the best mark in the Higher Engineering Science examination. The presentation was made at the Science and the Parliament event at which similar awards are made from the Royal Society of Chemistry, the Institute of Physics, and the Royal Society of Biology, which takes place annually in November at Our Dynamic Earth.

At the Society's meeting in February a cheque for £2,000 was presented to Katarzyna Przybycien of Heriot-Watt University in sponsorship of comics being produced as part of the public outreach of Robotics Year and tours of the Robotarium facility at Riccarton.

The Council consider 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. Engagement with more younger people and increasing attendance at meetings is high on the list of objectives for the future.

Financial review

Policy on reserves

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 we have 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.

Details of any deficit: None

Donated facilities and services (if any): None

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.

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. Interested members of the public should introduce themselves 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. Honorary Fellows at 1st October 2016 were:

Professor John Brown OBE FRSE, Astronomer Royal for Scotland

Sir Thomas Dalrymple Loch Bt (died in January 2017 during the period covered by this report)

Professor Peter Higgs CH FRS FRSE

Professor Dame Anne Glover DBE FRSE FASM

Professor Malcolm Longair CBE FRS FRSE

Professor Stephen Salter MBE FRSE

Professor Heinz Wolff FIEE FIBES FRCP(Hon) FRSA (died in December 2017)

The Royal Scottish Society of Arts

Showcasing Scotland's Science, Technology and Innovation

Lecture Meetings October 2016 to September 2017

The Big Squeeze - Putting Materials Under Pressure

Professor Colin R Pulham

Professor of High-Pressure Chemistry and Head of School of Chemistry

The University of Edinburgh

On Monday 31st October 2016.



This demonstration lecture will highlight the research being conducted in Edinburgh and in other institutions into the effects of very high pressures (up to a million times greater than at the surface of the Earth) on a range of materials. At these pressures, oxygen forms beautiful red crystals and eventually becomes metallic; new forms of ice are produced that melt above 100°C; and graphite turns into diamond. Find out how high pressures can be used in the processing of foods such as fruit juices and shellfish to make them safer to eat, and how we can improve our understanding of explosives. Join us on this voyage to explore the weird and wonderful world of high pressure!

Prof. Colin Pulham holds a personal chair in High-Pressure Chemistry at the University of Edinburgh, is a member of the Centre for Science at Extreme Conditions (CSEC) at Edinburgh, and is currently Head of the School of Chemistry. His research interests include the study of crystallisation processes under a wide range of conditions, with particular interests in the effects of high pressure on molecular compounds such as pharmaceuticals, energetic materials (explosives, propellants), and fuels. He is also studying the use of heat-storage materials for domestic and industrial applications. Colin has a longstanding interest in public engagement and has been awarded several prizes including the Royal Society Kohn Award for Excellence in Engaging the Public with Science.

Dr Jenny Bos who was previously advertised as presenting this talk jointly with Prof Pulham was unable to be with us for this event.

Quantum Inspired Imaging with Single-Pixels

Professor Miles Padgett

Vice-Principal for Research

The University of Glasgow

On Monday 28th November 2016.



Cameras are often marketed in terms of the number of pixels they possess - "the more pixels the better" the camera. Rather than increasing the number of pixels we ask the question "how

can a camera work with a single pixel?”. This talk will link the field of computational ghost imaging to that of single-pixel cameras explaining how spatial structuring of either the illumination or imaging system means that image and video reconstruction can be achieved using just a small number of photodiodes.

Miles Padgett holds the Kelvin Chair of Natural Philosophy at the University of Glasgow. He leads QuantIC, a quantum imaging centre and one of four Quantum Technology hubs in the UK. In 2001 he was elected a Fellow of the Royal Society of Edinburgh (RSE) and in 2014 a Fellow of the Royal Society, the UK's National Academy. In 2009, with Les Allen, he won the Institute of Physics Young Medal, in 2014 the RSE Kelvin Medal and in 2015 the Science of Light Prize from the European Physical Society.

Livestock Matters for Global Food Security

Professor Julie Fitzpatrick OBE

Scientific Director & Chief Executive

Moredun Research Institute

On Monday 30th January 2017.



It is estimated that there will be 9 billion people living on earth by 2050.

This will require significantly increased quantities of safe, affordable and sustainable food for all. Livestock species play an important role in Scotland and across the world in terms of food supply, impact on the environment, and support of rural and urban communities. Multiple infectious diseases are a major constraint for livestock and their owners, and Scotland's scientists play a leading role in developing disease prevention programmes, including novel vaccines. New technologies, combined with targeted knowledge exchange activities, will underpin future livestock production relying less on the use of anti-microbial drugs and more on the ethos of “prevention being better than cure”.

Julie Fitzpatrick, originally qualifying as a vet from the University of Glasgow in 1987, is the Scientific Director of the Moredun Research Institute and Chief Executive of the Moredun Group. She also holds a Chair in Food Security in the College of Medical, Veterinary and Life Sciences at the University of Glasgow. Julie's research interests focus on livestock health and disease in the UK and in developing countries. She was Vice-Chair of the Board of GALVmed, a public private partnership, funded by The Bill and Melinda Gates Foundation and DFID, focusing on supporting the development of biologicals and therapeutics for neglected diseases in developing countries. Julie sits on numerous scientific advisory bodies within Scotland, the UK and internationally. She is Vice Chair of the recently-formed Scottish Food Commission and is Chair of the UK Animal and Plant Health Partnership, helping to co-ordinate strategies to deal with infectious diseases threatening animals and plants throughout the UK. Julie was recognized for her contribution to animal medicine and research through the award of an OBE in 2014.

Dynamic Earth, James Hutton and Scotland's Inspirational Landscape

Dr Hermione Cockburn
Scientific Director
Dynamic Earth Enterprises Ltd



On Monday 27th February 2017.

Edinburgh is home to Dynamic Earth - the UK's only science centre dedicated to telling the story of our planet and rightly so, given that it was here at the end of the 18th Century that James Hutton laid the foundation for modern geology. In this talk Hermione Cockburn will explain the significance of the Scottish landscape to our understanding of Earth and how it continues to inspire people to take an interest in the future of our planet.

Dr Hermione Cockburn is the Scientific Director at Dynamic Earth and has a range of experience in science communication as well as academic expertise in earth and environmental science. Her PhD is in geomorphology from the University of Edinburgh and she has researched landscapes in Australia, Africa and Antarctica. In 2002 she began presenting science radio and television programmes for the BBC. Highlights include Coast, Rough Science and Fossil Detectives. She taught Environmental Science for the Open University for ten years and is passionate about inspiring anyone who will listen with stories about the Earth.

What can Shaw, Wilde, Churchill, Bush and Pasteur teach us about innovation?

Professor R P Tooze FRSC FRSE
Managing Director
Sasol Technology (UK) Ltd



On Monday 27th March 2017.

The topic of innovation continues to exercise the public and private sector alike. Recent economic and political changes will only serve to heighten this debate. Whilst it seems incontrovertible that the translation of knowledge for the benefit of society is a laudable goal, there seems to be little consensus on how best to achieve this or even what constitutes innovation. Innovation can occur in all sectors, but success may depend on these acting in concert.

Using a thirty year career in the chemical industry as a reference I will attempt to highlight some common problems and pitfalls that bedevil the theory and practise of innovation and advocate an alternative model for productive innovation involving two key stakeholders, industry and academia.

Following a PhD in Chemistry from Imperial College London under the supervision of Nobel Laureate, Professor Sir Geoffrey Wilkinson Bob joined ICI and has subsequently worked in the chemical industry for over 30 years. This career has spanned various businesses and locations but always in R&D. He joined Sasol Technology UK in 2002 and was made Managing Director

in 2004. He is currently Chair of Chemical Sciences Scotland, sits on the Scottish Industrial Biotechnology Development Group, the Energy Technology Partnership Advisory Group and served on the Scottish Science Advisory Council. He has wide experience of collaborative research having chaired the Industrial Board of a network of 40 of the leading Catalysis Laboratories in Europe and also currently chairs the Industrial Advisory Panel of the UK Catalysis Hub. Bob holds an honorary Professorship in Chemistry at the University of St Andrews giving lecture courses in the field of catalysis. He is a Fellow of the Royal Society of Chemistry and was elected as a Fellow of the Royal Society of Edinburgh in 2013.

Listening to Einstein's Universe: the hunt for gravitational waves

Professor Martin A. Hendry

MBE FRSE FInstP FRAS

**Professor of Gravitational Astrophysics and Cosmology
University of Glasgow**



On Monday 24th April 2017.

On September 14th 2015 two giant laser interferometers known as LIGO, the most sensitive scientific instruments ever built, detected gravitational waves from the merger of a pair of massive black holes more than a billion light years from the Earth. LIGO estimated that the peak gravitational wave power radiated during the final moments of this merger was more than ten times greater than the combined light power from all the stars and galaxies in the observable Universe.

Join Professor Martin Hendry as he recounts the inside story of this remarkable discovery - hailed by many as the scientific breakthrough of the century. Learn about the amazing technology behind the LIGO detectors, which can measure the signatures of spacetime ripples less than a million millionth the width of a human hair, and explore the exciting future that lies ahead for gravitational-wave astronomy as we open an entirely new window on the Universe.

Martin Hendry is Professor of Gravitational Astrophysics and Cosmology at the University of Glasgow, where he is currently head of the School of Physics and Astronomy.

He is a member of the LIGO Scientific Collaboration - an international group of more than 900 scientists who, with their colleagues in the Virgo Collaboration, in February 2016 reported the historic discovery of gravitational waves.

Annual General Meeting

The Society's AGM was held at 7pm on Monday 5th June 2017.

The Origins of the Stereoscope

Dr Alison Morrison-Low
President

On Monday 5th June 2017 at the conclusion of the Annual General Meeting

The meeting was followed by a social evening for Fellows and guests.



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 SCE 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. The presentation is made at the *Science and the Parliament* at which similar awards are made from the Royal Society of Chemistry, the Institute of Physics, and the Royal Society of Biology, which takes place annually in November at Our Dynamic Earth.

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

Other optional information

The Society has a number of small amounts of money related to legacies and activities the society no longer carries out. The Treasurer is preparing paperwork to apply to OSCR to rationalise their use.

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 put on the Society's website.

Declaration

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

Signed on behalf of the charity's trustees

Signature(s)

A solid blue rectangular box used to redact the signature of the trustee.

Full name(s)

GRAHAM NORMAN RULE

Position (e.g. Chair)

TREASURER

Date

4th June 2018

Receipts and payments accounts						
For the period from	Period start date			to	Period end date	
	1	October	2016		30	September 2017

Section A Statement of receipts and payments

	Unrestricted funds	Restricted funds	Expendable endowment funds	Permanent endowment funds	Total funds current period	Total funds last period
	to nearest £	to nearest £	to nearest £	to nearest £	to nearest £	to nearest £
A1 Receipts						
Donations	196				196	
Legacies					-	
Grants					-	
Receipts from fundraising activities					-	
Gross trading receipts					-	
Income from investments other than land and buildings	4,854	39			4,892	5,300
Rents from land & buildings					-	
Gross receipts from other charitable activities	1,845				1,845	1,780
					-	
A1 Sub total	6,895	39	-	-	6,933	7,080
A2 Receipts from asset & investment sales						
Proceeds from sale of fixed assets					-	
Proceeds from sale of investments					-	
A2 Sub total	-	-	-	-	-	-
Total receipts	6,895	39	-	-	6,933	7,080
A3 Payments						
Expenses for fundraising activities					-	
Gross trading payments					-	
Investment management costs					-	
Payments relating directly to charitable activities	3,093				3,093	3,064
Grants and donations	2,000				2,000	
Governance costs:					-	
Audit / independent examination	100				100	100
Preparation of annual accounts					-	
Legal costs					-	
Other					-	
					-	
A3 Sub total	5,193	-	-	-	5,193	3,164
A4 Payments relating to asset and investment movements						
Purchases of fixed assets					-	
Purchase of investments					-	
A4 Sub total	-	-	-	-	-	-
Total payments	5,193	-	-	-	5,193	3,164
Net receipts / (payments)	1,701	39	-	-	1,740	3,916
A5 Transfers to / (from) funds						
					-	
Surplus / (deficit) for year	1,701	39	-	-	1,740	3,916

Section B Statement of balances

Categories	Details	Unrestricted funds to nearest £	Restricted funds to nearest £	Expendable endowment funds to nearest £	Permanent endowment funds to nearest £	Total current period to nearest £	Total last period to nearest £
B1 Cash funds	Cash and bank balances at start of year	20,902	13,568			34,470.43	30,555
	Surplus / (deficit) shown on receipts and payments account	1,701	39			1,739.83	3,916
						- .00	
						- .00	
	Cash and bank balances at end of year	22,604	13,607	-	-	36,210	34,470
	(Agree balances with receipts and payments account(s))						

Details	Fund to which asset belongs	Market valuation to nearest £	Last year to nearest £
B2 Investments	Investec	unrestricted 127,824	116,125
	CCLA	unrestricted 28,802	30,452
	Total	156,626	146,577

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

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

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

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

Signature

Print Name

Date of
approval


GRAHAM NORMAN RULE

7/6/19

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 £179,230. In addition there are a number of small prize funds (restricted) worth £13,607.

C2 Grants

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

C3b Trustee remuneration - details

Authority under which paid	£

C4a Trustee expenses

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

C4b Trustee expenses - details

	Number of trustees	£

C5 Transactions with trustees and connected persons

Nature of relationship	Nature of transaction	Transaction amount (£)	Balance outstanding at period end (£)

C6 Other information

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Additional analysis (1)**Analysis of receipts and payments****1 Donations**

	Unrestricted funds to nearest £	Restricted funds to nearest £	Expendable endowment funds to nearest £	Permanent endowment funds to nearest £	Total current period to nearest £	Total last period to nearest £
Donations	196				196	
					-	
					-	
					-	
Total	196	-	-	-	196	-

2 Grants

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

3 Gross receipts from other charitable activities

	Unrestricted funds to nearest £	Restricted funds to nearest £	Expendable endowment funds to nearest £	Permanent endowment funds to nearest £	Total current period to nearest £	Total last period to nearest £
Subscriptions	1,845				1,845	1,780
					-	
					-	
					-	
					-	
					-	
					-	
Total	1,845	-	-	-	1,845	1,780

4 Payments relating directly to charitable activities

	Unrestricted funds to nearest £	Restricted funds to nearest £	Expendable endowment funds to nearest £	Permanent endowment funds to nearest £	Total current period to nearest £	Total last period to nearest £
Publicity, Website, etc	416				416	440
Meeting Costs	2,026				2,026	2,027
Storage hire	240				240	240
Bank charges	1				1	35
Insurance	280				280	276
Prize	130				130	115
					-	
					-	
					-	
					-	
Total	3,093	-	-	-	3,093	3,064

Independent examiner's report on the accounts

v2

**Report to the
trustees/members of**

The Royal Scottish Society of Arts

**Registered charity
number**

SC 015549

**On the accounts of the
charity for the period**

Period start date				Period end date		
Day	Month	Year		Day	Month	Year
1st	October	2016	to	30th	September	2017

Set out on pages

1 to 15

(remember to include the page
numbers of additional sheets)

**Respective
responsibilities of
trustees and examiner**

The charity's trustees are responsible for the preparation of the accounts in accordance with the terms of the Charities and Trustee Investment (Scotland) 2005 Act and the Charities Accounts (Scotland) Regulations 2006. The charity trustees consider that the audit requirement of Regulation 10(1) (d) of the 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 Charities Accounts (Scotland) Regulations 2006. 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 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, and
 - 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.

Signed:

Name: Thomas Mackay Murray

Date:

18 June 2018

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

Address: 3 Dreghorn Loan
Edinburgh
EH13 0DF