

ANNUAL REVIEW

2012-2013




X-ray photography courtesy of Hugh Turvey, the BIR's artist-in-residence.

MOVING FORWARD, WORKING TOGETHER

The British Institute of Radiology (BIR) is a multidisciplinary membership organisation connecting radiology professionals and industry at all levels, focusing on 'where science meets medicine' for the benefit of the patient. We provide opportunities for forward-looking people with an interest in radiology and radiation oncology to exchange ideas and gain new perspectives on technologies and treatments. Through a dynamic range of outputs such as scientific meetings, conferences, peer-reviewed journals and regional and online networks, the Institute fosters respect and understanding between doctors, scientists and people of business, and seeks to create a wider appreciation of the importance of partnerships.

With origins dating back to 1897, the BIR is a registered charity and not-for-profit membership organisation. Based in London, it is governed by and for its members.



We want a world in which the potential of imaging science and radiation technology to prevent, detect and combat disease is fully realised.

PATRON: Her Majesty the Queen

PRESIDENT: Andrew Jones BSc MSc FIPEM CSci FBIR

TRUSTEES: As listed on page 16

CHIEF EXECUTIVE: Jacqueline Fowler

MEMBERS OF THE MANAGEMENT TEAM: As listed on page 16

AUDITORS: Sayer Vincent, 8 Angel Gate, City Road, London EC1V 2SJ

BANKERS: Barclays Bank plc, 1 Churchill Place, London E14 5HP

INVESTMENT MANAGERS: Smith & Williamson, 25 Moorgate, London EC2R 6AY

Aberdeen Asset Management plc, 10 Queen's Terrace, Aberdeen AB10 1YG

SOLICITORS: Blake Lapthorn, Seacourt Tower, West Way, Oxford OX2 0FB

REGISTERED OFFICE: 48–50 St John Street, London EC1M 4DG

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WEBSITE: www.bir.org.uk

REGISTERED CHARITY NUMBER: 215869



President's Report

At the end of my first year as President of the BIR I am pleased to report that we have made significant progress in all aspects of our strategy, which sets out five key themes for the Institute: build membership, deliver education, consolidate publishing, raise awareness and develop infrastructure. While these are covered in more detail elsewhere in the annual review, I am summarising some of the highlights below.

There was a major leap forward in the area of membership during the year. Key to this was the launch of our new website in February 2013. The bright new format with its easily navigable layout provides members with a range of new interactive benefits, including the introduction of special interest groups (SIGs). The SIGs supersede the previous committee structure and will allow many more members, no matter where they are located, to participate in educational activities, discussion forums, development of best practice and responses to consultation documents.

A revised British Journal of Radiology (BJR) was launched at the annual meeting of the Radiological Society of North America in November 2012. In addition to the new look, receipt to acceptance time has been reduced to six weeks and acceptance to publication time to four weeks on average. Moreover, BIROpen was launched in October 2012. This open access hybrid model allows authors to pay a fee to have their work available to all as soon as it is published; it is a requirement for research supported by certain major funders. All published BJR papers are made freely available after one year. Finally, we moved to continuous publication in January 2013, which allows articles to be published online in their final citable format without waiting for an issue to be ready.

The organisation continued to make excellent progress in developing its infrastructure to make it fit for purpose in the 21st century. The staffing restructure was completed and the new arrangement should ensure we have the right skills to deliver the strategy.

The most radical change was the physical move of the organisation from Fitzrovia to new premises in Farringdon. We sold the lease of 36 Portland Place, our much-loved home for over 30 years, in May 2012 and moved – via temporary accommodation for a few months – to newly refurbished offices in St John Street. These offices are bright and modern, allowing all the team to be co-located on one floor, and greatly reducing the organisation's overheads. We have also made the leap to cloud computing, which fits our aim to become more of a 'virtual' organisation.

I would like to take this opportunity to thank my predecessor, Stephen Davies, for his leadership, vision and determination during a period of enormous change for the BIR, my fellow trustees and the organisation's proactive membership body for their loyalty and support. Finally, I would also like to express my sincere thanks to Jacqueline Fowler, our Chief Executive, and her team for their solidarity during some difficult periods within the Institute and for their continued enthusiasm in carrying forward all aspects of our strategy.

Professor Andrew Jones



At the Core of the BIR Lies Membership

The Institute's membership is drawn from all over the UK and across the world. Membership is designed to provide resources, professional development opportunities and networking occasions for everyone with a professional interest in diagnostic imaging and radiation treatment of cancer.

Our focus is currently on developing and delivering new member benefits, and the first of these, the launch of our new website, took place in 2013. The new site provides improved navigation and more information and features for members, including a members' forum and access to special interest groups (SIGs), which were introduced in March 2013.

The SIGs supersede the previous committee structure and allow many more members, no matter where they are located, to participate in educational activities, discussion forums, development of best practice and responses to consultation documents. They form the backbone of the BIR. More proactive members have the opportunity to join the management groups (one per SIG) and contribute to educational developments, reports and publications, and influence national and international policy via regulatory and research documents. We currently have SIGs in the following subject areas:

- clinical imaging
- magnetic resonance
- nuclear medicine and molecular imaging
- radiation protection
- oncology and radiotherapy
- radiotherapy physics
- trainees

We also have regional branch committees operating in several areas of the UK that contribute to the development and delivery of local scientific meetings. These are managed by our members and the events programme is a reflection of the professionalism, expertise and motivation of the individuals who donate their time to the committees.

We currently have branch committees in the following regions:

- East of England
- North of England
- Scotland
- Wales
- Wessex

MEMBERSHIP NUMBERS

CATEGORY	31/3/12	31/3/13
Full Member (consultant)	754	627
Full Member (non-consultant)	218	288
Student/Trainee Associate	335	434
Company Nominee	70	73
Company Affiliate	2	1
Retired	107	117
Over 75	57	53
Honorary	17	18
Life	15	14
TOTAL	1,575	1,625

Education

Terms like 'clinical governance', 'lifelong learning' and 'continuing professional development' (CPD) can hardly have escaped the notice of those working in the radiology field during the past few years. The concept of lifelong learning is fundamental to a successful career. It encompasses more than the traditional updating of skills and involves other facets of professional working life, including management, research and teaching activities.

The pace of change increases all the time. New technology presents itself and traditional methods are being superseded. New thinking continually challenges conventional wisdom. In such a changing environment, embarking on postgraduate education is the only way to remain at the cutting edge and be a participant in change rather than an observer.

A new education strategy was approved in February 2013: our objective is to move towards delivering educational activities that are more easily accessible, by being either locally delivered or available online. Our scientific meetings have been specially designed by experts to provide training in hot topics for a range of imaging professionals, and are delivered both in London and, increasingly, across the UK. In 2012–13 we ran 21 face-to-face events across the UK, of which 15 were 'sold out'.

The President's Conference was a highlight of the year. *CT in Clinical Practice – State of the Art CT* took place in April 2012 on the 40th anniversary of Godfrey Hounsfield's landmark announcement of CT at the BIR Congress in 1972. In addition to contemporary cutting-edge insight into current CT in clinical practice, the event featured three keynote eponymous lectures by international speakers and two historical lectures on Hounsfield.

'The content of the course was very good and varied, and the length given to each speaker was about right. I particular enjoyed the lectures by David Wilson and Otto Chan and would quite happily have listened to them for longer as they were clearly very knowledgeable and were keen to Impart their knowledge.'

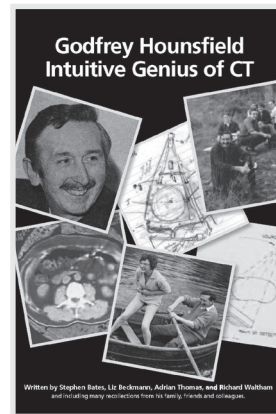
Delegate on *Imaging of the Knee*, 28 June 2013

'The mock interview sessions and CV clinic were great at targeting areas that could be revisited as post-course work and the subspecialty talks should enable everyone to find an area suited for them. This course has only reminded me of the fascinating developments in radiology and why it will be a great career choice in the future.'

Delegate on *How to get into Radiology and Radiology Subspecialty Careers Day*, 16–17 May 2013



President Andrew Jones with members of the BIR's trainee committee



Distinguished Past Members: Godfrey Hounsfield

Over 40 years ago the invention of computerised (axial) tomography (or CT) transformed medical diagnosis across the world. Behind it was a little-known British genius and BIR honorary member, Sir Godfrey Hounsfield.

Hounsfield and Dr James Ambrose presented the clinical results from the new medical system, the prototype for which had been installed at Atkinson Morley's Hospital in London, at the British Institute of Radiology's annual congress in April 1972. The paper caused a sensation and was reported in the national press the following day.

A CT scan is a series of X-rays taken from different angles to create a cross-sectional image of the patient. In the 1970s, after almost a century of two-dimensional X-ray films as the routine method of diagnosis, this new system had a profound effect on the medical imaging world and completely changed the way in which doctors worked. It introduced greatly improved non-invasive diagnosis, heralding modern minimally invasive treatment. Today almost every hospital has a CT scanner. Hounsfield shared the 1979 Nobel Prize in Physiology or Medicine with Allan Cormack, a nuclear physicist who had separately come up with the mathematical underpinnings of the technology.

Born in Nottinghamshire in 1919, the youngest child of a farming family, Hounsfield's early years gave him a lifelong passion for outdoor life. Although he left school with no qualifications, he was fascinated by the electrical and mechanical machinery found on his father's farm. At the outbreak of war, he joined the RAF, where he studied radio mechanics and radar. After being demobbed, he won a scholarship to Faraday House Electrical Engineering College in London, from which he graduated before joining EMI in 1949. Here he continued working on guided weapon systems and radar. He soon became fascinated with the

emerging field of computers and led a design team which built the first British all-transistor computer, the EMIDEC 1100, in 1958.

Hounsfield thought in unusual ways, using pictures, analogies and intuition. In the 1960s, while working at EMI's central research laboratory and during a country ramble, he conceived the idea that one could determine what was inside a box by taking a number of readings at all angles around the box. Hounsfield moved on to look at medical applications and began working on a laboratory model based upon an old lathe bed – on show at the BIR until 2012 – that could process hundreds of X-ray beams to obtain a three-dimensional image in 'slices'. He continued to work on improving both brain and whole body CT scanners. In later years, he broadened his interests into related fields of diagnostic imaging including MRI and, after his official retirement in 1986, continued working on a consultancy basis for EMI and various hospitals.

A shy, retiring bachelor boffin, Godfrey Hounsfield received numerous awards in addition to the Nobel Prize. He was elected to the Royal Society in 1975 and knighted in 1981. He died in 2004, but his name is immortalised in the Hounsfield unit scale, a quantitative measure of radiodensity used in evaluating CT scans.

To coincide with the 40th anniversary of the 1972 announcement of CT, a biography, *Godfrey Hounsfield: Intuitive Genius of CT*, was published by the BIR and is available via the website.

'2012 saw the publication of three books: *Radiation Shielding for Diagnostic Radiology*, Godfrey Hounsfield: *Intuitive Genius of CT* and the BIR's first open access e-book, *The Safe Use of Ultrasound in Medical Diagnosis*.'

Ready, Steady, Publish!

The British Institute of Radiology is a small independent publisher of the British Journal of Radiology (BJR), Imaging and DentoMaxillofacial Radiology (DMFR), the last of these on behalf of the International Association of DentoMaxilloFacial Radiology. We also publish a number of book titles.

It was a year of major change for the organisation's flagship journal, BJR, which was relaunched at the 2012 annual scientific meeting of the Radiological Society of North America. A number of key elements fed into the revision of the journal:

- BIR Publications introduced a hybrid open access model in October 2012, BIR Open. Open access is defined as unrestricted online access to peer-reviewed and published research papers. In BJR and DMFR, authors can opt to pay a fee to have their work available open access as soon as it is published. This new publishing option allows the wide and rapid dissemination of an author's research, especially those who need to comply with funding mandates. All papers are made freely available after one year.

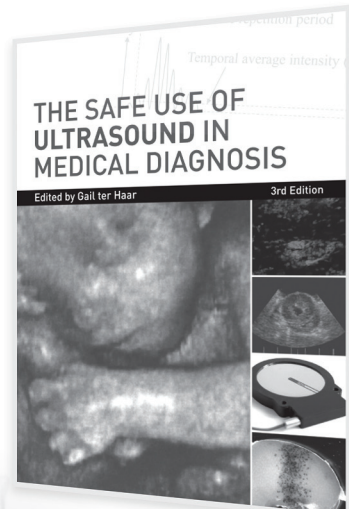
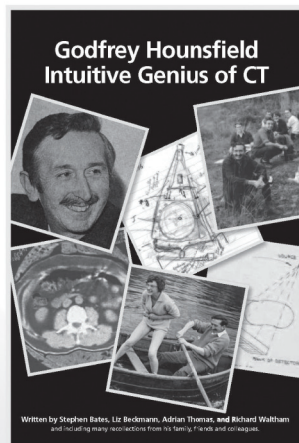
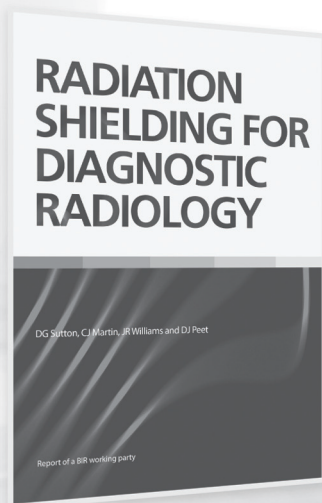
- Continuous publication was introduced in January 2013. This modern method of publishing focuses on articles rather than issues. As soon as a paper is ready for publication it is published online in its final format without waiting for an issue to be ready. This also means that page numbers are no longer used, but instead an article identifier which is assigned at acceptance. Articles can immediately be cited in their final format.
- Continuous publication has facilitated a reduction in the time to publication. Over the last year the time from acceptance to final publication has decreased dramatically and by year end was in the region of 4–6 weeks; this should be reduced even further over the next few months. It is a very important service to authors.
- As part of the relaunch, February 2013 saw a redesign of the article layout. This gives a fresh and updated look to articles in BJR.

The interest generated by the relaunch helped to increase overall usage of the BJR website by 48.5% during the year and there was a 31% increase in the number of downloads.

2012 saw the publication of three books: *Radiation Shielding for Diagnostic Radiology*, Godfrey Hounsfield: *Intuitive Genius of CT* and the BIR's first open access e-book, *The Safe Use of Ultrasound in Medical Diagnosis*.

Edited by former BIR Council member, David Sutton, and Jerry Williams, *Radiation Shielding for Diagnostic Radiology* is produced by a joint BIR/Institute of Physics and Engineering in Medicine working party and is the second edition of the 2000 comprehensive report, which has become the standard for shielding design in the UK. This report is designed to be a compendium of information for radiation protection physicists involved in the specification of shielding requirements for X-ray facilities.





Written by Stephen Bates, former BIR president Elizabeth Beckmann, the BIR's honorary librarian Adrian Thomas and Richard Waltham, *Godfrey Hounsfield: Intuitive Genius of CT* explores the life of a mild-mannered and determined Nobel Laureate who left school with no qualifications, but went on to change the world as a result of his breakthrough in medical imaging CT. The book includes many recollections from his family, friends and colleagues and provides a new insight into the life of one of science's greatest pioneers.

The Safe Use of Ultrasound in Medical Diagnosis, edited by Gail ter Haar, is written for practitioners. It covers basic concepts important for the safe use of ultrasound and directs readers to extensive literature on the topic. Produced in conjunction with the British Medical Ultrasound Society, the European Federation for Ultrasound in Medicine and Biology and in the National Physical Laboratory, the book is freely available in online format as part of the BIR's open access initiative.

These books are available for purchase online from the BIR Bookshop. BIR members receive a 25% discount.

'It was a year of major change for the organisation's flagship journal, BJR'



Representing the Community

While our partner bodies have the primary responsibility for professional regulation, the BIR seeks to exploit all opportunities to develop, enhance and promote our subjects of imaging and radiotherapy. One way we do this is by representing our members through external bodies, of which some selected examples are listed here.

CANCER DIAGNOSTIC ADVISORY BOARD

Mrs Elizabeth Hunt

EUROPEAN SOCIETY OF RADIOTHERAPY AND ONCOLOGY

Professor Andy Beavis

NATIONAL IMAGING BOARD

Dr Stephen Davies

NATIONAL IMAGING CLINICAL ADVISORY GROUP

Mrs Elizabeth Hunt

Dr Martin Graves

BMA RADIOLOGY DIVISION

Dr Gareth Tudor

MAYNEORD-PHILLIPS TRUST

Peter Hiles

Nicholas Marshall

MEDICAL PHYSICS EXPERT STEERING GROUP

Dr Andrew Reilly

PARLIAMENTARY AND SCIENTIFIC COMMITTEE

Dr Cornelius Lewis

SOCIETY OF RADIATION PROTECTION

Mr Andy Rogers

A collaboration between the BIR's trainee committee and Philips Healthcare resulted in the launch of two new annual awards for trainees and students in 2012. The BIR/Philips Trainee Award for Excellence aims to foster the development of multidisciplinary educational resources by and for trainees. Applications are welcomed for online educational resources, that can be made available via the BIR's website to its multidisciplinary trainee membership. Successful entrants can win up to £750. There is the opportunity for students to apply for the BIR/Philips Travel Bursary of up to £200 to attend a relevant training event. The award is open to BIR student members from any discipline.

Win one of two new awards with Philips and the British Institute of Radiology

Philips Healthcare and the BIR introduce two new annual awards: the BIR Trainee Award for Excellence and the BIR Student Travel Bursary, designed to encourage students to continue and share their learning.

The BIR Trainee Award for Excellence

Showcase good practice in multidisciplinary working and get your work seen and heard by entering this new award. Aimed at the development of multidisciplinary educational resources, this award issues a certificate and £750 prize to the best multidisciplinary trainee collaborative effort for a poster, PowerPoint presentation, paper or Multiple Choice Questions (MCQs). The topic must be related to the theory and practice of radiology and radiation oncology. Applications will be accepted from individuals or from groups. Closing date: **28th February 2013**

The winning educational resource will be available via the BIR website to its multidisciplinary trainee membership.

The BIR Student Travel Bursary

This bursary provides the winning student with a certificate and bursary of up to £200 towards attending a radiology or radiation oncology training event. The award is open to BIR student members and will be presented at the BIR President's Conference, in April 2013.

To apply simply submit a personal statement of up to five hundred words, stating which course, conference or event you would like to attend, explaining why attendance will make a difference to your work.

Closing date: **31st December 2012**

For more details visit www.bir.org.uk

Enter now

For more information and to enter for either of these awards visit www.bir.org.uk

Applications for both of these new awards will be judged by an expert panel of representatives from Philips Healthcare and the BIR. Applications must be submitted via the website.

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PHILIPS



(Left to right.) Gamesmaker Petra Abbam with London Mayor, Boris Johnson, Dr David Wilson showing off his Gamesmaker's uniform and Dr Elspeth Whitby with the Olympic torch.

The BIR at the Olympics!

London 2012 has been arguably hailed as the most successful Olympics ever. As a London-based British organisation we felt the capital's buzz during the build up and throughout the events. A number of the Institute's members contributed to the success of London 2012, including:

Long-standing member and chair of the BIR's north of England regional branch, Elspeth Whitby, was an Olympic torchbearer in Conisbrough, Yorkshire. A radiologist and researcher at the University of Sheffield's academic unit of reproductive and developmental medicine, Elspeth developed an MRI service for newborn babies and for women who have problems with their pregnancy, and was nominated to carry the torch by a colleague for her devotion to helping others.

Elspeth was one of 19 in her torchbearers' group, which included a Paralympian, ex-army personnel with horrific stories of trauma and survival and teachers in special schools. Elspeth carried the torch as part of a 2012 kilometre challenge she completed with her daughters between 1 January and 26 July 2012 to raise money for spinal injury charity Aspire. The torch run was the last 300 km, of the challenge.

'The day was an experience I will never forget.' Dr Elspeth Whitby

Musculoskeletal radiologist and BIR trustee, David Wilson, and his fellow-radiologist wife and BIR member, Gina Allen, volunteered their professional skills via the British Society of Skeletal Radiology to support the imaging services for the Olympics and Paralympics. Gina was a member of the Olympic Imaging Committee. David spent time at the Stratford site polyclinic, which was set up with two MRI scanners, a CT scanner, an X-ray facility and two ultrasound

machines with all the imaging equipment provided by sponsors, GE. He also worked at the rowing and canoeing village at Egham, where there was an ultrasound machine plus access to local CT and MRI. While the workload was considerably lower than on an average day in the NHS, the demands of the athletes were far greater: one visit or treatment process would often involve talking to several members of the team and, with the permission of the athlete, discussions would ensue with the coach, team doctor and the team physiotherapist. Both David and Gina also ran International Olympic Committee-organised musculoskeletal ultrasound courses teaching medical staff who accompanied the teams from many countries.

'The most important thing was meeting new people, feeling part of an international event and being part of an experience that changed the face of London.' Dr David Wilson

And the office staff got involved too. Petra Abbam, the team's publishing production manager, volunteered to be one of the Gamesmakers as soon as she was able to after Britain won the Olympic bid. She was assigned to the transport bus team in the Paralympic village and spent her days in the bus station helping to ferry athletes, other personnel and equipment between the village and the training and competition venues – a real test of logistics skills. Apart from meeting the Paralympians, Petra was photographed with Mayor Boris Johnson when he participated in the welcome ceremony at the village. Petra enjoyed the whole Olympic experience so much that she has already applied to be part of the team for Rio 2016.

'I'll never forget the experiences I had, the friends I made and the stories I heard. It was a dream come true.' Petra Abbam



(Left to right.) Dr Stephen Davies with Hounsfield Lecturer, Professor Stuart Taylor; Dr Stephen Davies presenting the Distinguished Service Medal to Dr Simon Bleasdale; and Professor Richard Ehman delivering the Agfa Mayneord Memorial Lecture at UKRC 2012.

Awards and Prizes

The Institute offers a number of awards and prizes each year. The following eponymous lectures and prizes were awarded in 2012.

Agfa Mayneord Memorial Lecture

Founded in 1984 in memory of Professor V M Mayneord CBE FRS, past president and honorary fellow of the BIR. The award – a plaque and an honorarium of £250 – is made to an individual or group of collaborators in recognition of recent or current contributions in the field of radiology.

2012 recipient: Professor Richard Ehman

Sir Godfrey Hounsfield Lecture

Established in 1997 in honour of Sir Godfrey Hounsfield, this lecture was initially endowed by Miss Marion Frank OBE and subsequently funded by a bequest from Sir Godfrey's estate. The lecture, on the subject of a major recent advance in radiology, carries a stipend of £1,000.

2012 recipient: Professor Stuart Taylor

Silvanus Thompson Memorial Lecture

Founded in 1918 in memory of Professor Silvanus P Thompson, the first president of the Röntgen Society, this lecture is delivered by a non-medical lecturer, who may submit a full transcript of the lecture to the BJR for peer review with a view to publication. The lecturer receives an engraved medal and certificate.

2012 recipient: Professor Willi Kalender

MacKenzie Davidson Memorial Lecture

Founded in 1920 in memory of Sir James MacKenzie Davidson, the lecture is usually delivered by a medical lecturer, who may submit a full transcript of the lecture to the BJR for peer review with a view to publication. The lecturer receives an engraved medal and certificate.

2012 recipient: Professor David Hansell

Barclay Prize

Founded in 1952 in memory of Dr Alfred Ernest Barclay, the prize is awarded to a member or a team including a member whose contribution to the BJR has been of special merit. The subject of the contribution must be diagnostic radiology.

2012 recipient: Dr Philip Shorvon

Barclay Medal

Founded in 1952 in memory of Dr Alfred Ernest Barclay, the medal is awarded to the person whose contribution to the BJR over a period of several years has been of special merit, contributing materially to the science and practice of radiology.

2012 recipient: Dr Dow-Mu Koh

The Distinguished Service Medal was established in 1993 to honour members for outstanding services to the BIR. The award is the personal gift of the President. In 2012 it was awarded to Dr Simon Blease, member of several BIR committees and former honorary secretary, who supported the expansion of the organisation's regional branches and was instrumental in securing a major donation from the MRRA(UK) to enhance member benefits.

Röntgen Prize

Founded in 1924, the prize is awarded to a member or a team of workers including a member whose contribution to the BJR has been of special merit. The subject of the contribution must be related to radiotherapy, radiobiology or physics.

2012 recipient: Dr Alastair Munro

BJR MRRA (UK) New Technologies Prize

Founded in 2011, this prize of £500 is awarded to the author(s) of article(s) published in the BJR, which present a novel technological development in imaging and its related sciences or which discuss the clinical application of a new technology. Authors from all disciplines are eligible for consideration for the prize and nominations are considered annually. The prize is funded by reserves generously donated by the former Magnetic Resonance Radiologists Association (MRRA)UK.

2012 recipient: Dr Yi Xiang Wang

BJR Young Investigator Award

This award of £250 plus a certificate is aimed at encouraging young workers in the general areas of diagnostic imaging, radiotherapy and related topics to carry out and publish research.

2012 recipient: Dr Eva Rutkowska

Stanley Melville Travel Bursary

Founded in memory of Dr Stanley Melville, this award of £1,000 is intended to enable members to visit institutions and clinics abroad.

2012 recipient: Dr Christopher Nutting

BIR Leonard Levy Prize

This prize of £125 plus a certificate was established in 1992 by Mr Bennett-Levy and Levy Hill Laboratories in memory of the late Dr Leonard Levy. It is awarded to the BIR member who is judged to have submitted the best proffered paper at the UK Radiology Congress.

2012 recipient: Dr Sundip Udani

BIR Fellowships

Fellows are members of at least five years' standing who have rendered service to, or on behalf of, the Institute.

2012 recipients:

Professor Andy Beavis
Mr Jeevan Gunaratnam
Professor David Hansell
Dr Klaus Irion
Dr John Kotre
Mr Charles McCaffrey
Mr Andy Rogers
Dr Tuhin Sikdar

BIR Honorary Fellowships

Honorary Fellows are selected from distinguished persons who have contributed by original research to the scientific advancement of radiology, radioactivity and allied sciences, or who have rendered services for which the Institute desires to confer honour.

2012 recipient: Professor Willi Kalender

Two new awards – sponsored by Philips Healthcare – were announced during the year. A trainee award for excellence and a student travel bursary will be awarded for the first time in 2013 (see page 8 for further details).

Finance

The Institute recorded an operating deficit of £235k for the 12 months to 31 March 2013 in comparison to an operating deficit of £26k for the 12 months to 31 March 2012.

The incoming resources for the 12 months were £1.17 million compared with £1.47 million in the 12 months to 31 March 2012. The principal sources of revenue were publishing (£744k), education (£204k) and membership subscriptions (£151k).

The outgoing resources for the year were £1.42 million for the 12 months compared with £1.50 million for the 12 months to 31 March 2012. The principal areas of expenditure were publishing (£734k), education (£521k) and membership (£95k).

In May 2012, the Institute sold the lease of 36 Portland Place for £5.03 million. The sale realised a net profit of £4.09 million.



STATEMENT OF FINANCIAL ACTIVITIES

Year ending 31 March 2013

	2013 £'000	2012 £'000
INCOMING RESOURCES		
Publishing	744	663
Education	204	484
Room hire, rent and service charge	21	134
Membership	151	129
Voluntary income	1	56
Other income	4,152	3
Total incoming resources	5,273	1,469
RESOURCES EXPENDED		
Publishing	735	542
Education	521	582
Room hire, rent and service charge	16	171
Membership	95	136
Costs of raising voluntary income		19
Governance costs	46	45
Total resources expended	1,413	1,495
NET OUTGOING RESOURCES FOR THE YEAR		
	3,860	(26)
Unrealised gain (loss) on investments	11	4
Net movement in funds	3,871	(22)
Funds at 1 April 2012	1,280	1,302
Fund at 31 March 2013	5,151	1,280

BALANCE SHEET AS AT 31 MARCH 2013

Tangible fixed assets	178	853
Investments at market value	4,881	68
Total fixed assets	5,059	921
Current assets	703	1,054
Current liabilities	(611)	(695)
Net assets	5,151	1,280



Trustees' Statement

These summarised accounts contain information from the statement of financial activities and the balance sheet for the year ending 31 March 2013, but are not the full statutory report and accounts. The auditors, Sayer Vincent, have issued an unmodified report on the full financial statements and on the consistency of the trustees' annual report with those financial statements, which were approved by the Council on 18 July 2013 and have been submitted to the Charity Commission. The summarised accounts may not contain sufficient information to allow for a full understanding of the financial affairs of the Institute.

For further information, the full statutory report and accounts can be downloaded from the Institute's website at www.bir.org.uk.

Signed on behalf of the trustees



President
18 July 2013

Independent auditors' statement to the members of the British Institute of Radiology

We have examined the annexed summarised accounts (comprising Statement of Financial Activities and Balance Sheet) of the British Institute of Radiology for the year ended 31 March 2013.

Respective responsibilities of trustees and auditors

The trustees are responsible for preparing the summarised accounts in accordance with applicable United Kingdom law and the recommendations of the charities SORP. Our responsibility is to report to you our opinion on the consistency of the summarised accounts within the Annual Review 2012–13 with the full Annual Report and Accounts. We also read the other information contained in the Annual Review 2012–13 and consider the implications for our report if we become aware of any apparent misstatements or material inconsistencies with the summarised accounts.

Basis of opinion

We conducted the work in accordance with Bulletin 2008/3 'The auditors' statement on the summary financial statements' issued by the Auditing Practices Board for use in the United Kingdom. Our report on the charity's full annual financial statements describes the basis of our opinion on those financial statements and on the Trustees' Annual Report.

Opinion

In our opinion, the summarised accounts are consistent with the full Annual Report and Accounts of the British Institute of Radiology for the year ended 31 March 2013.

Sayer Vincent

Chartered Accountants and Registered Auditors
18 July 2013



Looking Ahead

The table below outlines the main objectives for the BJR for the financial year 2012–13 with performance against target, followed by the main objectives for the financial year 2013–14. The BJR's annual budget and plan for 2013–14 were approved in February 2013 by its Council. Each objective is supported by more detailed key performance indicators.

Objective: Achieve a breakeven financial position or better

A number of additional costs – some approved in advance by the Council as business investment – arose. The additional expenditure plus a drop in income led to an operating deficit of £235k. The year was one of transition for the organisation and a dip in income from event management and room lettings is expected until investment in current and new income streams begins to generate new income.

Objective: Develop detailed strategies for presentation to trustees and implementation as follows: education (July 2012 Council meeting), communications and marketing (September 2012 Council meeting) and publishing (January 2013 Council meeting)

Due to a number of staff changes at a senior level, the development of the detailed strategies was delayed. The education strategy was approved in February 2013 and a communications strategy drafted for presentation to the May 2013 Council meeting. The publishing strategy was deferred to later in 2013.

Objective: Launch new website and history microsite in September 2012

After some technical difficulties, which prevented an earlier 'go live', the new website was launched in February 2013 with a small history section.

Objective: Revise Council and committee structure for implementation from October 2012

New Council and committee structures were approved in September 2012 and are currently in transition for formal launch in October 2013. Revised charter and bylaws to support the changes were approved at the annual general meeting in September 2012.

Objective: Revise and relaunch the BJR after reducing the backlog of accepted articles and the time from acceptance to publication

The BJR was relaunched at the annual meeting of the Radiological Society of North America in November 2012, and there was a redesign of article layout from February 2013. The backlog was published by January 2013, after which the receipt to publication time was reduced to three months and acceptance to publication reduced to six weeks.

Objective: **Finalise the membership benefits package and re-launch in 2013 with an emphasis on attracting the younger market**

A new 'join us' brochure was launched in March 2013 along with a new corporate subscriber package. Further research is being undertaken to launch a new individual membership benefits package later in 2013.

Objective: **Move to new temporary offices following sale of the lease of 36 Portland Place in May 2012 and then to new, more permanent, accommodation before the year**

The sale of the lease of 36 Portland Place took place in May 2012 and the organisation moved to temporary accommodation for several months before moving to newly refurbished offices at 48-50 St John Street in January 2013.

Objective: **Establish at least one new branch during the year**

No new branches were launched during the year.

Objectives 2013-14

- Achieve an operating deficit of no more than £32k.
- Revise and relaunch the individual membership package by 31 December 2013 and increase membership numbers to 2,000 by 31 March 2014.
- Develop an online learning portal for launch by 31 March 2014.
- Transfer to a new online journal hosting platform by 1 January 2014.
- Complete the retrodigitisation of the pre-1928 BJR by 31 March 2014.
- Establish one new branch.

Trustees and Staff

COUNCIL

The Council is the governing body of the Institute and currently comprises 15 trustees, who are members of the Institute. 2012/13 is a year of transition for the Council as it reduces to 12 trustees by 1 October 2013. From this date, the 12 will comprise six trustees from the Institute's traditional member base and six trustees appointed for their expertise in subject areas pertinent to governance and the Institute's strategy. Of the 12, six will be appointed to specific 'officer' positions. Trustees are normally appointed for three years. Members of Council at 31 March 2013 were:

PRESIDENT

Professor A Jones

VICE PRESIDENTS

Mr A Rogers
Dr D Wilson

OFFICERS

Hon. Treasurer	Dr J Sanderson
Hon. Secretary (Med)	Dr G Tudor
Hon. Secretary (Sci)	Ms E Hunt
Hon. Editor (Med)	Dr J Phillips-Hughes

ORDINARY MEMBERS

Dr R Chowdhury
Mr N Connor
Mr M Little
Mr C McCaffrey
Dr A Reilly
Dr T C See
Ms N Sykes
Professor S Taylor

Professor R Dale, Dr S Davies, Mr J Gunaratnam, Ms E Morris, Dr A Pearson, Dr P Riley and Dr D Sutton retired on 30 September 2012. New trustees who joined on 1 October 2012 were Mr N Connor, Mr M Little, Mr A Rogers, Dr J Sanderson and Dr D Wilson.

MANAGEMENT TEAM

The following members of the management team were in office at 31 March 2013:

Chief Executive	Ms J Fowler
Heads of Education	Ms S Adibi
	Mrs J Edie
Head of Finance & Operations	Mr S Hewett
Head of Publishing	Ms S Anderton



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